



BADAN KARANTINA INDONESIA

KEPUTUSAN KEPALA BADAN KARANTINA INDONESIA NOMOR 571 TAHUN 2025 TENTANG

PENETAPAN JENIS ORGANISME PENGGANGGU TUMBUHAN KARANTINA, MEDIA PEMBAWA ORGANISME PENGGANGGU TUMBUHAN KARANTINA, DAN MEDIA PEMBAWA ORGANISME PENGGANGGU TUMBUHAN KARANTINA YANG DILARANG

DENGAN RAHMAT TUHAN YANG MAHA ESA

KEPALA BADAN KARANTINA INDONESIA,

- Menimbang : bahwa untuk melaksanakan ketentuan Pasal 2 ayat (4) Peraturan Badan Karantina Nomor 2 Tahun 2025 tentang Jenis Hama dan Penyakit Hewan Karantina, Hama dan Penyakit Ikan Karantina, Organisme Pengganggu Tumbuhan Karantina, Media Pembawa, dan Media Pembawa Yang Dilarang, perlu menetapkan Keputusan Kepala Badan Karantina Indonesia tentang Penetapan Jenis Organisme Pengganggu Tumbuhan Karantina, Media Pembawa, dan Media Pembawa Yang Dilarang;
- Mengingat : 1. Peraturan Pemerintah Nomor 29 Tahun 2023 tentang Peraturan Pelaksanaan Undang-Undang Nomor 21 Tahun 2019 tentang Karantina Hewan, Ikan, dan Tumbuhan (Lembaran Negara Republik Indonesia Tahun 2023 Nomor 73, Tambahan Lembaran Negara Republik Indonesia Nomor 6878);
2. Peraturan Presiden Nomor 45 Tahun 2023 tentang Badan Karantina Indonesia (Lembaran Negara Republik Indonesia Tahun 2023 Nomor 97);
3. Peraturan Badan Karantina Indonesia Nomor 1 Tahun 2023 tentang Organisasi dan Tata Kerja Badan Karantina Indonesia (Berita Negara Republik Indonesia Tahun 2023 Nomor 842);
4. Peraturan Badan Karantina Indonesia Nomor 2 Tahun 2023 tentang Organisasi dan Tata Kerja Unit Pelaksana Teknis Badan Karantina Indonesia (Berita Negara Republik Indonesia Tahun 2023 Nomor 843);
5. Peraturan Badan Karantina Nomor 2 Tahun 2025 tentang Jenis Hama dan Penyakit Hewan Karantina, Hama dan Penyakit Ikan Karantina, Organisme Pengganggu Tumbuhan Karantina, Media Pembawa, dan Media Pembawa Yang Dilarang (Berita Negara Republik Indonesia Tahun 2025 Nomor 137);

MEMUTUSKAN:

Menetapkan : KEPUTUSAN KEPALA BADAN KARANTINA INDONESIA TENTANG PENETAPAN JENIS ORGANISME PENGGANGGU TUMBUHAN KARANTINA, MEDIA PEMBAWA, DAN MEDIA PEMBAWA YANG DILARANG.

KESATU : Menetapkan jenis organisme pengganggu tumbuhan karantina, media pembawa, dan media pembawa yang dilarang sebagaimana tercantum dalam Lampiran yang merupakan bagian tidak terpisahkan dari Keputusan Kepala Badan ini.

KEDUA : Keputusan Kepala Badan ini mulai berlaku pada tanggal di tetapkan.

Ditetapkan di Jakarta
Pada tanggal 6 Maret 2025

KEPALA BADAN KARANTINA
INDONESIA,



SAHAT MANAOR PANGGABEAN

Salinan Keputusan Kepala Badan ini disampaikan kepada:

1. Pimpinan Tinggi Madya lingkup Badan Karantina Indonesia;
2. Pimpinan Unit Pelaksana Teknis lingkup Badan Karantina Indonesia;

LAMPIRAN
KEPUTUSAN KEPALA BADAN KARANTINA INDONESIA
NOMOR 571 TAHUN 2025
TENTANG
PENETAPAN JENIS ORGANISME PENGGANGGU TUMBUHAN
KARANTINA, MEDIA PEMBAWA OPTK, DAN MEDIA PEMBAWA OPTK
YANG DILARANG

JENIS ORGANISME PENGGANGGU TUMBUHAN KARANTINA,
MEDIA PEMBAWA OPTK, DAN MEDIA PEMBAWA OPTK YANG DILARANG

A. JENIS OPTK KATEGORI A1

1. SERANGGA (*INSECTS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Acraea acerata</i> Hew.; (Lepidoptera: Nymphalidae); sweet potato butterfly	<i>Convolvulus arvensis</i> , <i>Ipomoea aquatica</i> , <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea triloba</i> , <i>Merremiae bracteata</i> , <i>Merremia pacifica</i> , <i>Merremia</i>	daun (leaves)	Africa: Angola, Benin, Botswana, Burundi, Cameroon, Congo, DR Congo, Ethiopia, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Mozambique, Namibia, Nigeria, Rwanda, Sierra Leone,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>peltata</i> , <i>Merremia umbellata</i>		Sudan, Tanzania, Togo, Uganda, Zambia
2.	<i>Agrilus mali</i> Matsumura; (Coleoptera: Buprestidae); apple buprestid, apple borer	<i>Cydonia oblonga</i> (kwinsi, <i>quince</i>), <i>Malus baccata</i> (siberian crab apple), <i>Malus domestica</i> (apel, apple), <i>Malus prunifolia</i> (plum-leaved crap apple), <i>Malus spectabilis</i> (Chinese Flowering Apple, Asiatic apple), <i>Malus sieversii</i> (crab apple), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus persica</i> (persik, peach)	bibit cabang, tunas (bud), batang di atas permukaan tanah (stem (above ground), shoots, trunks, branches)	Asia: China, DPR Korea (North Korea), Mongolia, Republic of Korea (South Korea) Europe: Russia
3.	<i>Agrilus planipennis</i> Fairmaire; (Coleoptera: Buprestidae); emerald ash borer	<i>Chionanthus virginicus</i> , <i>Fraxinus americana</i> , <i>Fraxinus chinensis</i> , <i>Fraxinus excelsior</i> , <i>Fraxinus latifolia</i> . <i>Fraxinus mandshurica</i> , <i>Fraxinus nigra</i> , <i>Fraxinus ornus</i> , <i>Fraxinus pensylvania</i> , <i>Fraxinus platypoda</i> , <i>Fraxinus profunda</i> , <i>Fraxinus quadrangulata</i> , <i>Fraxinus rhynchophylla</i> ,	batang (stem (above ground), shoots, trunks, branches), kayu, bibit (seedlings, micropropagated plants), kulit kayu (bark)	America: Canada, USA Asia: China, DPR Korea (North Korea), Japan, Republic of Korea (South Korea) Europe: Norway, Russia, Ukraine

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Fraxinus velutina</i> ,		
4.	<i>Alcidodes dentipes</i> (Olivier, 1790); (Syn. <i>Alcides dentipes</i> Olivier); (Coleoptera: Curculionidae); striped sweet potato weevil	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Gossypium barbadens</i> (kapas, cotton), <i>Ipomoea batatas</i> (ubi jalar, sweet potato) <i>Phaseolus vulgaris</i> (buncis, common bean)	batang (stem (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants)	Africa: Angola, Benin, Botswana, Burundi, Cameroon, Central Africa Republic, DR Congo, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Liberia, Mali, Mauritania, Mauritius, Mozambique, Malawi, Nigeria, Sahara, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia, Zimbabwe
5.	<i>Alsophila pometaria</i> (Harris); (Syn. <i>Anisopterix pometaria</i> , <i>Anisopteryx pometaria</i>); (Lepidoptera: Geometridae); fall cankerworm	<i>Acer</i> spp. (maple), <i>Fraxinus</i> spp., Hackberry, <i>Juglan</i> sp. (walnut), <i>Malus domestica</i> (apel, apple), Pelargonium (geranium), <i>Pyrus communis</i> (pir, pear), <i>Quercus</i> spp. (oak), Rose, <i>Salix</i> sp. (willow), <i>Ulmus</i> sp. (elm), other stone fruit	batang (stems, trunks, shoots, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves)	America: Canada, USA
6.	<i>Amblypelta cocophaga</i> China; (Syn. <i>Amblypelta cocophaga</i>	<i>Carica papaya</i> (pepaya, papaya), <i>Ceiba petandra</i> (kapuk randu), <i>Citrus</i>	buah (fruits), daun (leaves)	Oceania: Papua Nugini, Solomon Islands

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	<i>cocophaga</i> , <i>Amblypelta cocophagamalaitensis</i> , <i>Dasynus</i> sp.); (Hemiptera: Coreidae); coconut bug	<i>sinensis</i> (navel orange) <i>Cocos nucifera</i> (kelapa, coconut), <i>Cucumis melo</i> (melon, melon), <i>Delonix regia</i> (flamboyant), <i>Eucalyptus deglupta</i> , <i>Macaranga</i> spp., <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Passiflora quadrangularis</i> (markisa, passion fruit, granadilla), <i>Prunus persica</i> (persik, peach), <i>Psophocarpus tetragonolobus</i> (kecipir, winged bean), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Theobroma cacao</i> (kakao, cocoa)		
7.	<i>Anastrepha fraterculus</i> (Wiedemann); (Syn. <i>Acrotoxa fraterculus</i> (Weidemann), <i>Anastrepha braziliensis</i> Greene, <i>Anastrepha costarukmanii</i>	<i>Actinidia chinensis</i> (Chinese gooseberry), <i>Actinidia deliciosa</i> (kiwi, kiwifruit), <i>Ampelocera hottlei</i> , <i>Annona cherimola</i> (cherimoya), <i>Annona muricata</i> (sirsak,	buah (fruit (inc. pods), media tanam (growing media associated with plants), tanah (soil)	America: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana. Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p>Capoor, <i>Anastrepha fraterculus</i> var. <i>soluta</i> Bezzi, <i>Anastrepha lambayecae</i> Korytkowski, <i>Anastrepha pseudofraterculus</i> Capoor, <i>Anastrepha scholae</i> Capoor, <i>Anthomyia frutalis</i> Weyenburgh, <i>Anastrepha peruviana</i> Townsend, <i>Anastrepha soluta</i>, <i>Dacus fraterculus</i> Weidemann, <i>Tephritis mellea</i> Walker, <i>Trypeta fraterculus</i> (Weidemann), <i>Trypeta unicolor</i> Loew); (Diptera: Tephritidae); South American fruitfly</p>	<p>soursop), <i>Annona squamosa</i> (srikaya, sweetsop), <i>Averrhoa carambola</i> (belimbing, <i>carambola</i>, star-fruit), <i>Butia eriospatha</i>, <i>Campomanesia xanthocarpa</i>, <i>Carica papaya</i>, (pepaya, papaya), <i>Chrysophyllum gonocarpum</i>, <i>Citrus aurantium</i> (sour orange), <i>Citrus limetta</i> (sweet lemon), <i>Citrus maxima</i> (pummelo), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (navel orange), <i>Citrus x paradisi</i>, <i>Coffea arabica</i> (kopi arabika, Arabica coffee), <i>Coffea liberica</i> (Liberian coffee tree), <i>Cydonia oblonga</i> (kwinsi, quince), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Diospyros malabarica</i>, <i>Eugenia stipitata</i>, <i>Eriobotrya japonica</i> (loquat), <i>Eugenia brasiliensis</i> (brazil cherry),</p>		<p>Peru, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela</p>

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		<p><i>Eugenia involucrate, Eugenia pyriformis, Eugenia stipitate, Eugenia uniflora</i> (Surinam cherry), <i>Feijoa sellowiana</i> (horn of plenty), <i>Ficus carica</i> (ara, fig), <i>Fortunella japonica</i> (kumquat), <i>Fragaria vesca</i> (wild strawberry), <i>Inga edulis, Inga marginata, Juglans australis, Juglans neotropica</i> (Andean walnut), <i>Juglans regia</i> (walnut), <i>Malus spp., Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Myrcia tomentosa, Olea europaea</i> subsp. <i>europaea</i> (European olive), <i>Passiflora alata, Persea americana</i> (alpukat, avocado), <i>Pouteria caimito, Pouteria obovata, Prunus americana</i> (aprikot, apricot), <i>Prunus dulcis</i> (almon, badam,</p>		

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		almond), <i>Prunus persica</i> (persik, peach), <i>Psidium cattleianum</i> (strawberry guava), <i>Psidium longipes</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Psidium guineense</i> (Guinea guava), <i>Punica granatum</i> (delima, pomegranate), <i>Pyrus communis</i> (pir, pear), <i>Quassia guianensis</i> , <i>Rubus glaucus</i> , <i>Solanum aligerum</i> , <i>Solanum quitoense</i> , <i>Spondias dulcis</i> (otaheite apple), <i>Spondias mombin</i> (hog plum), <i>Spondias purpurea</i> (red mombin), <i>Spondias cytherea</i> , <i>Spondias tuberosa</i> , <i>Syzygium aquea</i> (jambu air, star apple), <i>Syzygium jambos</i> (jambu mawar, rose apple), <i>Syzygium malaccense</i> (jambu bol, malay-apple), <i>Talisia olivaeformis</i> , <i>Terminalia</i>		

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		<i>catappa</i> (ketapang, Indian almond), <i>Theobroma cacao</i> (kakao, cocoa), <i>Vitis vinifera</i> (anggur, grapevine), <i>Ziziphus joazeiro</i> , <i>Zuelania Guidonia</i>		
8.	<i>Anastrepha ludens</i> (Loew); (Syn. <i>Acrotoxa ludens</i> (Loew), <i>Anastrepha lathana</i> Stone, <i>Trypeta ludens</i> Loew); (Diptera: Tephritidae); Mexican fruit fly	<i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Annona cherimola</i> (cherimoya), <i>Annona liebmanniana</i> , <i>Annona muricata</i> (sirsak, soursop), <i>Annona reticulata</i> (buah nona, srikaya), <i>Annona squamosa</i> (srikaya, sweetsop, bullock's heart, custard apple), <i>Casimiroa edulis</i> (white sapote), <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantifolia</i> (lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus maxima</i> (pummelo), <i>Citrus limetta</i> (sweet lemon tree), <i>Citrus sinensis</i> (navel orange), <i>Citrus x paradisi</i>	buah (fruit (inc. pods), media tanam (growing media associated with plants), tanah (soil)	America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, USA

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		(grapefruit), <i>Citrus medica</i> (citron), <i>Citrus reticulata</i> (mandarin), <i>Citrus reticulata x paradisi</i> (tangelo), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Cydonia oblonga</i> (kwinsi, quince), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Feijoa sellowiana</i> , <i>Malus domestica</i> (apel, apple), <i>Mammea americana</i> (mamey apple), <i>Mangifera indica</i> (mangga, mango), <i>Passiflora edulis</i> (passionfruit), <i>Passiflora quadrangularis</i> (markisa, passion-fruit, granadilla), <i>Persea americana</i> (alpukat, avocado), <i>Pouteria sapota</i> , <i>Prunus persica</i> (persik, peach), <i>Psidium guajava</i> (jambu biji, guava), <i>Psidium longipes</i> , <i>Punica granatum</i> (delima, pomegranate), <i>Pyrus</i>		

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		<i>communis</i> (pir, pear), <i>Sargentia greggii</i> , <i>Spondias purpurea</i> , <i>Syzygium aquea</i> (jambu air, star apple), <i>Talisia olivaeformis</i>		
9.	<i>Anastrepha obliqua</i> (Macquart); (Syn. <i>Acrotoxa obliqua</i> , <i>Anastrepha fraterculus</i> var. <i>ligata</i> , <i>Anastrepha fraterculus</i> var. <i>mombinpraeoptans</i> SeÑn, <i>Anastrepha mombinpraeoptans</i> SeÑn, <i>Tephritis obliqua</i> , <i>Anastrepha Acudisa</i> , <i>Anastrepha Trinidadensis</i> , <i>Trypeta obliqua</i>); (Diptera: Tephritidae); West Indian fruit fly, Antillean fruit fly	<i>Ampelocera hottlei</i> , <i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Annona hayesii</i> , <i>Averrhoa carambola</i> (belimbing, carambola, star-fruit), <i>Brosimum alicastrum</i> , <i>Citrus</i> spp., <i>Citrus aurantium</i> (sour orange), <i>Citrus limetta</i> (sour lemon tree), <i>Citrus sinensis</i> (sweet orange), <i>Citrus x paradisi</i> (grapefruit), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Diospyros ebenaster</i> (black sapote), <i>Eriobotrya japonica</i> (loquat), <i>Eugenia jambos</i> (jambos), <i>Eugenia malaccensis</i> (pomerack), <i>Eugenia nesiotica</i> , <i>Malpighia</i>	buah (fruit (inc. pods), media tanam (growing media associated with plants), tanah (soil)	America: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Brazil, British Virgin Islands, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, United States Virgin Islands, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>glabra, Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Myrcia tomentosa, Passiflora quadrangularis</i> (markisa, passion fruit, granadilla), <i>Pouteria sapota</i> (mammey sapote), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus salicina</i> (Japanese plum), <i>Prunus amygdalus</i> (bitter almond), <i>Prunus domestica</i> (prem, plum), <i>Psidium longipes, Pyrus communis</i> (pir, pear), <i>Pouteria viridis, Pouteria sapota, Pouteria mammosa, Psidium guajava</i> (jambu biji, guava), <i>Pyrus communis</i> (European pear), <i>Syzygium aquea</i> (jambu air, star apple), <i>Syzygium malaccense</i> (jambu bol, malay-apple), <i>Spondias cytherea, Spondias dulcis,</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Spondias mombin</i> , <i>Spondias purpurea</i> , <i>Spondias</i> spp.		
10.	<i>Anastrepha serpentina</i> (Wiedemann); (Syn. <i>Acrotoxa serpentinus</i> Wiedemann, <i>Dacus serpentinus</i> Wiedemann, <i>Leptoxys serpentina</i> Wiedemann, <i>Trypeta serpentina</i> Wiedemann, <i>Urophora vittithorax</i> Wiedemann); (Diptera: Tephritidae); sapote fruit fly, sapodilla fruit fly, black fruit fly, dark fruit fly	<i>Alchornea latifolia</i> , <i>Annona cherimola</i> , <i>Annona glabra</i> , <i>Bumelia sebolana</i> , <i>Brysonima crassifolia</i> , <i>Capparis angulata</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantium</i> , <i>Citrus maxima</i> , <i>Citrus reticulata</i> , <i>Citrus sinensis</i> , <i>Citrus x paradisi</i> , <i>Chrysophyllum cainito</i> , <i>Chrysophyllum argenteum</i> , <i>Chrysophyllum mexicanum</i> , <i>Cydonia oblonga</i> (kwinsi, quince), <i>Diospyros ebenaster</i> , <i>Dovyalis hebecarpa</i> , <i>Eriobotrya japonica</i> (lokwat, loquat), <i>Ficus</i> spp. (ara, fig), <i>Lacmellea panamensis</i> , <i>Malus domestica</i> (apel, apple), <i>Mammea americana</i> , <i>Mangifera indica</i> (mangga, mango), <i>Manilkara</i> spp., <i>Manilkara zapota</i> (sawo,	buah (fruit (inc. pods), media tanam (growing media associated with plants), tanah (soil)	America: Belize, Brazil, Colombia, Costa Rica, Curacao, Dominica, Ecuador, El Savador French Guiana, Guatemala, Guyana, Honduras, Mexico, Netherlands Antilles, Nicaragua, Panama, Peru, Suriname, Trinidad and Tobago, USA, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		sapodilla), <i>Persea americana</i> (alpukat, avocado), <i>Pouteria viridis</i> , <i>Pouteria campechiana</i> , <i>Pouteria caimito</i> , <i>Pouteria obovata</i> , <i>Pouteria sapota</i> , <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus persica</i> (persik, peach), <i>Psidium guajava</i> (jambu biji, guava), <i>Pyrus communis</i> (pir, pear), <i>Pouteria caimito</i> , <i>Pouteria campechiana</i> (canistel), <i>Pouteria sapota</i> (mammey sapote) <i>Sideroxylon capiri</i> , <i>Sideroxylon palmeri</i> , <i>Spondias mombin</i> , <i>Spondias purpurea</i> , <i>Spondias</i> spp.		
11.	<i>Anastrepha suspensa</i> (Loew); (Syn. <i>Anastrepha longimacula</i> Greene, <i>Anastrepha unipuncta</i> Sein, <i>Trypeta suspensa</i> Loew); (Diptera: Tephritidae); Caribbean fruit fly	<i>Annona</i> spp., <i>Annona squamosa</i> (srikaya, sweetsop), <i>Annona glabra</i> , <i>Annona reticulata</i> (bullock's heart) <i>Averrhoa carambola</i> (belimbing, star-fruit), <i>Blighia sapida</i> (akee apple), <i>Canella</i>	buah (fruit (inc. pods), media tanam (growing media associated with plants), tanah (soil)	America: Bahamas, British Virgin Islands, Cayman Islands, Cuba, Dominican Republic, French Guiana, Haiti, Jamaica, Puerto Rico, USA, Virgin Islands

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>winterana, Chrysobalanus icaco, Carica papaya</i> (pepaya, papaya), <i>Carissa macrocarpa</i> (Natal plum), <i>Citrofortunella mitis, Citrus spp., Clausena lansium, Coccloba uvifera, Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Casimiroa edulis, Chrysophyllum cainito, Chrysophyllum oliviforme, Clausena lansium, Coccloba uvifera, Diospyros kaki</i> (kesemek, persimmon), <i>Diospyros blancoi, Diospyros virginiana, Dovyalis caffra, Ficus carica</i> (ara, fig), <i>Flacourtia indica, Fortunella margarita</i> (oval kumquat), <i>Fortunella x crassifolia, Eriobotrya japonica</i> (loquat), <i>Eugenia dombeyi</i> (brazil cherry), <i>Eugenia uniflora</i> (surinam cherry), <i>Eugenia</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		spp., <i>Fortunella margarita</i> , <i>Garcinia aristata</i> , <i>Garcinia mangostana</i> (manggis, mangosteen), <i>Garcinia livingstonei</i> , <i>Malus domestica</i> (apel, apple), <i>Malpighia glabra</i> , <i>Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Momordica charantia</i> (paria, bitter gourd), <i>Murraya</i> spp. (kemuning, mock orange), <i>Momordica balsamina</i> , <i>Persea americana</i> (alpukat, avocado), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Pimenta dioica</i> , <i>Prunus persica</i> (persik, peach), <i>Psidium longipes</i> , <i>Punica granatum</i> (delima, pomegranate), <i>Pyrus communis</i> (pir, pear), <i>Pouteria campechiana</i> , <i>Psidium guineense</i> , <i>Prunus cerasus</i> (ceri, cherry), <i>Psidium guajava</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(jambu biji, guava), <i>Psidium cattleianum</i> , <i>Spondias</i> spp., <i>Spondias mombin</i> , <i>Synsepalum dulcificum</i> , <i>Spondias cytherea</i> , <i>Syzygium cumini</i> (jamblang, java plum), <i>Syzygium samarangense</i> (jambu Semarang, java apple), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Syzygium</i> spp., <i>Syzygium aquea</i> (jambu air, star apple), <i>Terminalia catappa</i> (ketapang, Indian almond), <i>Terminalia muelleri</i> , <i>Triphasia</i> sp.		
12.	<i>Ancistrotermes latinotus</i> (Holmgren); (Isoptera: Termitidae); Subteranean termite	<i>Casuarina glauca</i> (scaly oak), Polyphagus	batang (stems (above ground), shoots, trunks, branches), kayu (woods)	Africa: DR Congo, Malawi, Tanzania, Zimbabwe
13.	<i>Ancita crocogaster</i> (Boisduval, 1835); (Coleoptera: Cerambycidae); grey longicorne beetle, small acacia longicorn beetle	<i>Acacia</i> spp.	batang (stems (above ground), shoots, trunks, branches), kayu (woods)	Oceania: Australia

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14.	<i>Ancita marginicollis</i> (Boisduval, 1835); (Coleoptera: Cerambycidae); white-cheeked longicorn	<i>Acacia</i> spp.	batang (stems (above ground), shoots, trunks, branches), kayu (woods)	Oceania: Australia
15.	<i>Anobium punctatum</i> (DeGeer); Syn, <i>Anobium striatum</i> (Coleoptera: Anobiidae); Common furniture beetle, woodworm	<i>Dacrycarpus dacrydiodes</i> (kahikatea), <i>Dacrydium cupressinum</i> (rimu), <i>Pinus radiata</i> (radiate pine), <i>Pseudotsuga menziesii</i> (Douglas fir), <i>Thuja plicata</i> (western red cedar)	batang (stems (above ground), shoots, trunks), furniture, kayu (woods), ranting (branches)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Swaziland, Togo, Tunisia, Uganda, Tanzania, Zambia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Zimbabwe America: USA Asia: Armenia, Azerbaijan, China, Georgia Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia , Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Republic of Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
16.	<i>Anoplophora glabripennis</i> (Motschulsky); (Coleoptera: Cerambycidae);	<i>Acer buergerianum, Acer davidii, Acer grosseri, Acer negundo, Acer palmatum,</i>	batang (stems (above ground), shoots, trunks, branches),	America: USA Asia: China, DPR Korea (North Korea), Lebanon, Republic of

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Asian longhorned beetle, starry sky beetle	<i>Acer pseudoplatanus, Acer rubrum, Acer robustum, Acer saccharum, Acer saccharinum, Acer truncatum, Acer spp., Aesculus hippocastanum, Alnus spp., Betula platyphylla, Betula spp., Carpinus spp., Corylus spp., Cotoneaster spp., Eucalyptus diversicolor, Fraxinus sp., Hippophae rhamnoides, Liriodendron tulifera, Lagerstroemia spp., Malus sylvestris, Morus alba, Ostrya spp., Platanus orientalis, Platanus spp., Populus spp., Populus canadensis (hybrid black poplar), Populus dakuensis, Populus deltoides, Populus nigra (black poplar), Prunus laurocerasus, Pyrus spp., Robinia pseudoacacia, Rosa spp., Salix spp., Salix</i>	kayu (woods), kulit kayu (bark)	Korea (South Korea), Europe: France, Germany, Italy, Slovakia, Switzerland

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>babylonica, Salix matsunada, Sophora sp., Tilia tuan, Ulmus pumila, Ulmus laeuig, Ulmus spp.</i>		
17.	<i>Antestiopsis facetoides</i> Le Pelley; (Hemiptera: Pentatomidae); East African coffee bug, cherry and flower feeder	<i>Coffea</i> spp. (kopi, coffee)	batang (stems (above ground)), buah (fruit), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (bud)	Africa: Kenya, Tanzania, Tunisia
18.	<i>Antestiopsis intricata</i> (Ghesquiere & Carayon); (Hemiptera: Pentatomidae); antestia bug	<i>Coffea</i> spp. (kopi, coffee)	batang (stems (above ground)), buah (fruit), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (bud)	Africa: Benin, Cameroon, Central African Republic, DR Congo, Ethiopia, Gabon, Ghana, Ivory Coast, Kenya, Nigeria, Sudan, Togo, Uganda
19.	<i>Antestiopsis orbitalis</i> (Westwood); (Syn. <i>Antestia lineaticolli</i> , <i>Antestia orbitalis facetus</i> , <i>Antestiopsis lineaticollis</i> , <i>Antestiopsis orbitalis bechuana</i> , <i>Antestiopsis orbitalis ghesquieri</i> ,	<i>Coffea arabica</i> (kopi arabika, <i>arabica coffee</i>), <i>Coffea</i> spp. (kopi, <i>coffee</i>)	batang (stems), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (bud)	Africa: Angola, Burundi, DR Congo, Ethiopia, Kenya, Malawi, Mozambique, Namibia, Rwanda, South Africa, Tanzania, Uganda, Zambia, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Antestiopses orbitalis orbItalys</i> ; (Hemiptera: Pentatomidae); antestia			
20.	<i>Anthonomus grandis</i> Boheman, 1843; (Syn. <i>Anthonomus thurberiae</i> Pierce (1913); (Coleoptera: Curculionidae); Mexican cotton boll weevil, boll weevil, cotton boll weevil, Thurberia weevil	<i>Cienfuegosia drummondii</i> , <i>Cienfuegosia rosei</i> , <i>Gossypium barbadens</i> (kapas, cotton), <i>Gossypium hirsutum</i> , <i>Hibiscus syriacus</i> , <i>Hampea nutricia</i> , <i>Opuntia lindheimeri</i> , <i>Prosopis glandulosa</i> , <i>Thespesia populnea</i>	bibit (seedlings), bunga (flowers, inflorescences, cones, calyx), buah (fruits), biji (true seed)	America: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Martinique, Mexico, Nicaragua, Paraguay, Saint Kitts and Nevis, USA, Venezuela
21.	<i>Anthonomus signatus</i> Say; (Syn. <i>Anthonomus bisignatus</i> , <i>Anthonomus pallidus</i> , <i>Anthonomus scutellatus</i>); (Coleoptera: Curculionidae); strawberry bud weevil, strawberry clipper	<i>Fragaria ananassa</i> (stroberi, strawberry), <i>Morus</i> spp. (murbei, mulberry), <i>Rosa</i> sp., <i>Rubus idaeus</i> (raspberry), <i>Potentilla</i> , <i>Rubus</i> sp. (blackberry), <i>Rubus caesius</i> , <i>Rubus fruticosus</i>	buah (fruits), bunga (flowers, inflorescences, cones, calyx), media tanam (growing media associated with plants)	America: Canada, USA

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22.	<i>Anthonomus vestitus</i> Boheman, 1859; (Coleoptera: Curculionidae); Peruvian boll weevil, Peruvian cotton weevil, Peruvian boll weevil, Peruvian square weevil, Peruvian cotton square weevil	Abutilon (Indian mallow), <i>Alcea rosea</i> , <i>Althaea</i> (hollyhocks), <i>Gossypium</i> <i>barbadens</i> (kapas, cotton), <i>Gossypium hirsutum</i> , Hibiscus (rosemallows), <i>Hibiscus rosa-sinensis</i> (mawar, China-rose), Thespesia	bibit (seedlings), buah (fruits), bunga (flowers, inflorescences, cones, calyx), stek	America: Ecuador, Peru
23.	<i>Aonidomytilus albus</i> (Cockerell, 1893); (Syn. <i>Coccomytilus dispar</i> (Vayssiere) Takahashi, 1935, <i>Lepidosaphes alba</i> (Cockerell) Fernald, 1903, <i>Lepidosaphes dispar</i> , <i>Mytilaspis albus</i> Cockerell, 1893, <i>Mytilaspis</i> (<i>Coccomytilus</i>) <i>dispar</i> Vayssiere, 1914); (Hemiptera: Diaspididae); tapioca scale, cassava scale, white mussel scale, cassava stem mussel scale	<i>Citrus</i> spp. (jeruk, orange), <i>Manihot esculenta</i> (ubi kayu, cassava)	tunas (bud), batang (stems (above ground), shoots, trunks, branches), umbi (bulbs, tubers, corms, rhizomes)	Africa: Angola, Cape Verde, DR Congo, Gambia, Ghana, Guinea- Bissau, Ivory Coast, Kenya, Liberia, Madagascar, Malawi, Mauritius, Mozambique, Nigeria, Senegal, Somalia, Tanzania, Uganda, Zambia America: Antigua and Barbuda, Argentina, Bahamas, Barbados, British Virgin Islands, Brazil, Colombia, Cuba, Dominica, Dominican Republic, Grenada, Guadeloupe, Guyana France, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Montserrat, Puerto Rico, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Virgin Islands Asia: Bahrain, China, Hong Kong, India, Malaysia, Indonesia, Sri Lanka, Taiwan, Thailand
24.	<i>Apate monachus</i> Fabricius, 1775; (Syn. <i>Apate carmelita</i> Fabricius, 1801, <i>Apate francisca</i> Fabricius, 1801, <i>Apate gibba</i> Fabricius, 1798, <i>Apate mendica</i> Olivier, 1790, <i>Apate monacha</i> Fabricius, 1801, <i>Apate monachus</i> var. <i>Rufiventris</i> Lucas, 1843, <i>Apate semicostata</i> Thomson, 1857, <i>Apate senii</i> Stefani, 1911); (Coleoptera: Bostrichidae); black borer, twig borer, date	<i>Annona cherimola</i> (cherimoya), <i>Azadirachta indica</i> (nimba, neem tree), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Calicotome spinosa</i> , <i>Casuarina equisetifolia</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Citrus sinensis</i> , <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea liberica</i> , <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Gleditsia triacanthos</i> , <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga,	batang (<i>stems (above ground), trunks, shoots, branches</i>), kayu (<i>woods</i>)	Africa: Algeria, Benin, Cameroon, DR Congo, Egypt, Eritrea, Ethiopia, Ghana, Guinea, Ivory Coast, Morocco, Niger, Nigeria, Sao Tome and Principe, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia America: Brazil, Cuba, Dominican Republic, Guadeloupe, Jamaica, Martinique, Puerto Rico, Saint Kitts and Nevis Asia: India, Israel, Lebanon, Syria, Turkey Europe: France, Hungary, Italy,

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	palm bostrichid	mango), <i>Melia azedarach</i> , <i>Morus alba</i> (murbei, mulberry), <i>Olea europea</i> subsp. <i>europea</i> (zaitun, olive), <i>Psidium guajava</i> (jambu biji, guava), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Punica granatum</i> (delima, pomegranate), <i>Prunus persica</i> (persik, peach), <i>Pyrus communis</i> (pir, pear), <i>Robinia pseudoacacia</i> , <i>Styphnolobium japonicum</i> , <i>Syringa pekinensis</i> , <i>Swietenia mahogany</i> (mahoni, mahogany), <i>Tamarindus indica</i> (asam, tamarind), <i>Tamarix gallica</i> , <i>Theobroma cacao</i> (kakao, cocoa), <i>Vitis vinifera</i> (anggur, grapevine)		Malta, Spain
25.	<i>Apate terebrans</i> (Pallas); (Coleoptera: Bostrichidae); shot-hole borer, trunk borer, girdler	<i>Acacia</i> spp., <i>Albizia lebeck</i> , <i>Albizia procera</i> , <i>Anacardium occidentale</i> , <i>Azadirachta indica</i> , <i>Cedrela odorata</i> ,	batang (stems (above ground), trunks, shoots, branches), kayu (woods)	Africa: Benin, Ghana, Guinea-Bissau, Kenya, Nigeria, Sahara, Tanzania, Uganda America: Brazil

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		<i>Citrus</i> Spp., <i>Coffea arabica</i> , <i>Coffea robusta</i> , <i>Dalbergia</i> <i>sissoo</i> , <i>Delonix regia</i> , <i>Eucalyptus polycarpa</i> , <i>Khaya</i> <i>senegalensis</i> , <i>Melia</i> <i>azedorach</i> , <i>Melia composita</i> , <i>Psidium guajava</i> , <i>Tectona</i> <i>grandis</i> , <i>Terminalia ivorensis</i> , <i>Theobroma cacao</i> , <i>Triplochiton scleroxylon</i>		Asia: India
26.	<i>Apriona germari</i> (Hope); (Syn. <i>Apriona germari</i> , <i>Apriona rugicollis</i>) (Coleoptera: Cerambycidae); Mulberry longhorn beetle	<i>Artocarpus integra</i> , <i>Morus</i> <i>alba</i> , <i>Salix tetrasperma</i> , <i>Salix</i> <i>babilonica</i> (weeping willow) <i>Artocarpus chama</i> , <i>Artocarpus heterophyllus</i> , <i>Bombax ceiba</i> , <i>Broussonetia</i> <i>kazinok</i> , <i>Broussonetia</i> <i>papyrifera</i> , <i>Cajanus</i> , <i>Cajanus</i> <i>cajan</i> , <i>Camellia oleifera</i> , <i>Celtis</i> <i>sinensis</i> , <i>Cinnamomum</i> <i>camphora</i> , <i>Citrus</i> , <i>Citrus</i> <i>aurantium</i> , <i>Citrus unshiu</i> , <i>Crataegus phaenopyrum</i> ,	batang (stems (above ground), trunks, shoots, branches), kayu (woods)	Asia: Bangladesh, Butan, Cambodia, China, India, Japan, Lao PDR (Laos), Myanmar, Nepal, Republic of Korea (South Korea), Taiwan, Thailand, Vietnam

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>Cunninghamia lanceolata</i>, <i>Dalbergia</i>, <i>Diospyros kaki</i>, <i>Eriobotrya japonica</i>, <i>Ficus carica</i>, <i>Ficus hispida</i>, <i>Ficus retusa</i>, <i>Firmiana simplex</i>, <i>Juglans</i>, <i>Juglans mandshurica</i>, <i>Juglans regia</i>, <i>Lagerstroemia indica</i>, <i>Malus asiatica</i>, <i>Malus baccata</i>, <i>Malus domestica</i>, <i>Melia azedarach</i>, <i>Morus alba</i>, <i>Morus indica</i>, <i>Morus macroura</i>, <i>Paulownia</i>, <i>Pinus massoniana</i>, <i>Pinus yunnanensis</i>, <i>Platycarya strobilacea</i>, <i>Populus alba</i>, <i>Populus maximowiczii</i>, <i>Populus nigra var. italica</i>, <i>Populus tomentosa</i>, <i>Populus x canadensis</i>, <i>Prunus pseudocerasus</i>, <i>Pterocarya</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>stenoptera, Punica granatum, Pyrus, Quercus, Pyrus pyrifolia var. culta, Quercus acuta, Robinia pseudoacacia, Rubus, Salix, Salix gracilistyla, Salix tetrasperma, Schima superba, Styphnolobium japonicum, Triadica sebifera, Ulmus, Ulmus pumila, Vernicia fordii, woody plants</i>		
27.	<i>Argyrotaenia velutinana</i> Walker; (Syn. <i>Eulia velutinana</i> Walker, <i>Tortrix velutinana</i> Walker); (Lepidoptera: Tortricidae); redbanded leafroller	<i>Acer</i> sp. (maple), <i>Abies balsamea, Ambrosia trifida, Alcea rosea, Apocynum</i> sp. (dogbane), <i>Betula papyrifera, Chrysanthemum, Geranium</i> sp., <i>Ilex decidua, Larix</i> spp., <i>Lobelia</i> sp., <i>Lonicera</i> sp., <i>Malus</i> spp., <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Myrica gale, Persea americana</i> (alpukat,	batang (stems (above ground), trunks, shoots, branches), daun (leaves), buah (fruits)	America: Canada, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		avocado), <i>Picea glauca</i> , <i>Picea mariana</i> , <i>Picea rubens</i> , <i>Pinus sylvestris</i> , <i>Platanthera cristata</i> , <i>Populus tremuloides</i> , <i>Prunus domestica</i> (prem, plum), <i>Prunus pensylvanica</i> , <i>Prunus persica</i> , <i>Prunus serotina</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Pyrus communis</i> (pir, pear), <i>Quercus</i> sp., <i>Rosa</i> spp., <i>Syzygium aquea</i> (jambu air, star apple), <i>Tsuga canadensis</i> , <i>Vaccinium</i> sp., <i>Zinia violacea</i>		
28.	<i>Arhopalus ferus</i> (Mulsant, 1839); (Syn. <i>Crioephalus ferus</i> Mulsant) (Coleoptera: Cerambycidae); burnt pine longicorn	pine and spruce (burned or windthrown)	batang (stems (above ground), trunks, shoots, branches), kayu (woods)	Africa: Algeria, Morocco, Tunisia Asia: China, Jordan, Kazakhstan, Syria, Turkey Europe: Austria, Croatia, Czechia, France, Germany, Greece, Italy, Portugal, Slovakia, Spain, Switzerland, United Kingdom (England), Russia Oceania: New Zealand
29.	<i>Aspidiella hartii</i> (Cockerell,	Araceae, <i>Curcuma longa</i>	bibit tanaman	Africa: Benin, Ghana, Ivory

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	1895); (Syn. <i>Aspidiotus hartii</i> Ckll., <i>Targionia hartii</i>); (Hemiptera: Diaspididae); yam scale	(turmeric), <i>Colocasia antiquorum</i> , <i>Colocasia esculenta</i> (taro), <i>Colocasia</i> spp., <i>Curcuma</i> sp., <i>Dioscorea esculenta</i> (Asiatic yam), <i>Dioscorea alata</i> (white yam) <i>Dioscorea</i> spp., <i>Hedychium</i> , <i>Ipomoea batatas</i> (sweet potato), <i>Portulaca oleracea</i> (<i>purslane</i>), <i>Tripsacum laxum</i> , <i>Zingiber officinale</i> (jahe, ginger)	(seedlings), bunga (flowers, inflorescences, cones, calyx), buah (fruits), daun (leaves), batang (stems), akar (roots), umbi (tubers, bulbs rhizomes)	Coast, Mauritius, Nigeria, Sierra Leone, Zambia Asia: Hong Kong, India, Malaysia, Philippines, Sri Lanka, Thailand, Vietnam America: Antigua and Barbuda, Barbados, Cayman Islands, Dominican Republic, Ecuador, Grenada, Guadeloupe, Haiti, Honduras, Jamaica, Lesser Antilles, Martinique, Panama, Puerto Rico, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Trinidad and Tobago, US Virgin Islands Europe: Italy Oceania: Federated States of Micronesia, Fiji, Guam, New Caledonia, Papua New Guinea, Solomon Islands, Tonga, Vanuatu, Wallis and Futuna Islands
30.	<i>Aspidiotus nerii</i> Bouché, 1833;	<i>Actinidia chinensis</i> (Chinese gooseberry), <i>Albizia julibrissin</i>	bibit tanaman (seedlings), bunga	Africa: Algeria, Cape Verde, Congo, Egypt, Eritrea, Ethiopia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Syn. <i>Aspidiotus unipectinatus</i> Ferris, 1941, <i>Aspidiotus osmanthi</i> Signoret, 1877, <i>Aspidiotus affinis</i> Targioni Tozzetti, 1868, <i>Aspidiotus aloes</i> Signoret, 1869, <i>Aspidiotus atherospermae</i> Maskell, 1879, <i>Aspidiotus bouchei</i> (Targioni Tozzetti) Targioni Tozzetti, 1868, <i>Aspidiotus budlaei</i> Maskell, 1879, <i>Aspidiotus budleiae</i> Signoret, 1869, <i>Aspidiotus caldesii</i> Targioni Tozzetti, 1868, <i>Aspidiotus capparis</i> Signoret, 1869, <i>Aspidiotus carpodeti</i> Maskell, 1885, <i>Aspidiotus ceratoniae</i> Signoret, 1869, <i>Aspidiotus confusus</i> Froggatt, 1914, <i>Aspidiotus corynocarpi</i> Colvée, 1881, <i>Aspidiotus cycadicola</i> (Boisduval) Signoret, 1869,	(silk tree), <i>Ananas comosus</i> (<i>nanas</i> , pineapple), <i>Asparagus setaceus</i> (asparagus fern), <i>Asplenium nidus</i> (bird's nest fern), Citrus, <i>Cocos nucifera</i> (kelapa, coconut), <i>Dianthus caryophyllus</i> (carnation), <i>Diospyros</i> (malabar ebony), <i>Hedera helix</i> (ivy), <i>Ilex aquifolium</i> (holly), <i>Juniperus</i> (junipers), <i>Laurus nobilis</i> (sweet bay), Magnolia, <i>Mangifera indica</i> (mangga, mango), <i>Melia azedarach</i> (Chinaberry), <i>Morus</i> (mulberry tree), <i>Musa paradisiaca</i> (pisang kepok, plantain), <i>Nerium</i> (oleander), <i>Olea</i> (olive), <i>Olea europaea</i> subsp. <i>europaea</i> (European olive), Oleaceae, Orchidaceae (orchids), <i>Pandanus</i> (screw-pine), <i>Phoenix</i> (date palm), <i>Plumeria rubra</i> var. <i>acutifolia</i>	(flowers, inflorescences, cones, calyx), buah (fruits), daun (leaves), batang (stems (above ground), shoots, trunks, branches)	Kenya, Libya, Madagascar, Malawi, Morocco, Nigeria, South Africa, Tanzania, Tunisia, Uganda, Zimbabwe America: Argentina, Bermuda, Bolivia, Brazil, Canada, Chile, Colombia, Ecuador, Mexico, USA, Peru, Uruguay Asia: China, Iran, Israel, Japan, Jordan, Lebanon, Saudi Arabia, Syria, Turkey Europe: Belgium, Bulgaria, Bosnia and Herzegovina, Czechia, Cyprus, Croatia, Federal Republic of Yugoslavia, France, Germany, Gibraltar, Greece, Ireland, Italy, North Macedonia, Malta, Montenegro, Poland, Portugal, Romania, Russia, Spain, Serbia, Slovakia, Slovenia, Sweden, United Kingdom Oceania: Australia, New Caledonia, New Zealand, Norfolk

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Aspidiotus denticulatus</i> Targioni Tozzetti, 1868, <i>Aspidiotus dysoxylis</i> Maskell, 1879, <i>Aspidiotus epidendri</i> Signoret, 1869, <i>Aspidiotus ericae</i> (Boisduval) Signoret, 1869, <i>Aspidiotus fonsecai</i> Giannotti, 1942, <i>Aspidiotus genistae</i> Westwood, 1840, <i>Aspidiotus gnidii</i> Signoret, 1869, <i>Aspidiotus hederæ</i> Signoret, 1869, <i>Aspidiotus hederæ hederæ</i> Schmutterer, 1952, <i>Aspidiotus hederæ unipectinata</i> Carimini, 1930, <i>Aspidiotus hederæ unisexualis</i> Schmutterer, 1952, <i>Aspidiotus hederæ urenae</i> Hall, 1923, <i>Aspidiotus ilicis</i> Signoret, 1869, <i>Aspidiotus lentisci</i> Signoret, 1877, <i>Aspidiotus limonii</i> Signoret, 1869,</p>	<p>(Mexican frangipani), <i>Prunus persica</i> (persik, peach), <i>Pyrus communis</i> (European pear), Rosa (mawar, roses), <i>Simmondsia chinensis</i> (jojoba), <i>Vitis vinifera</i> (anggur, grapevine)</p>		Island

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Aspidiotus myricinae</i> Signoret, 1869, <i>Aspidiotus myrsinae</i> Signoret, 1877, <i>Aspidiotus offinis</i> Comstock, 1883, <i>Aspidiotus oleae</i> Colvée, 1880, <i>Aspidiotus oleastri</i> Colvée, 1882, <i>Aspidiotus paranerii</i> Gerson, in Gerson & Hazan, 1979, <i>Aspidiotus rectangulatus</i> (Lindinger) Ferris, 1941, <i>Aspidiotus simillimus</i> (Cockerell) Fernald, 1903, <i>Aspidiotus sophorae</i> Maskell, 1884, <i>Aspidiotus tasmaniae</i> Green, 1915, <i>Aspidiotus transparens rectangulatus</i> Lindinger, 1913, <i>Aspidiotus transparens</i> var. <i>simillimus</i> Cockerell, 1898, <i>Aspidiotus transvaalensis</i> Leonardi, 1914, <i>Aspidiotus ulicis</i> Signoret, 1869, <i>Aspidiotus urenae</i> (Hall) Ferris, 1941,</p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Aspidiotus vagabundus</i> Cockerell, 1899, <i>Aspidiotus villosus</i> Targioni Tozzetti, 1868, <i>Aspidiotus viresciae</i> Leonardi, 1920, <i>Aspidiotus vriesciae</i> Signoret, 1869, <i>Chermes aloes</i> Boisduval, 1867, <i>Chermes cycadicola</i> Boisduval, 1867, <i>Chermes ericae</i> Boisduval, 1867, <i>Chermes genistae</i> (Westwood) Ferris, 1941, <i>Chermes hederiae</i> (Signoret) Ferris, 1937, <i>Chermes nerii</i> Boisduval, 1868, <i>Chermes osmanthi</i> Ferris, 1941, <i>Coccus (Aspidiotus) palmarum</i> Taschenberg, 1880, <i>Coccus limonii</i> Murray, 1871, <i>Diaspis bouchei</i> Targioni Tozzetti, 1867, <i>Diaspis obliquum</i> Costa, 1829, <i>Octaspidotus anthospermae</i> Balachowsky,</p>			

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	1948, <i>Octaspidotus atherospermae</i> (Maskell) MacGillivray, 1921); (Hemiptera: Diaspididae); oleander scale; aucuba scale; ivy scale; white scale			
31.	<i>Augosoma centaurus</i> (Fabricius, 1775); (Coleoptera: Scarabaeidae); stem tissues borer	<i>Elaeis guineensis</i> (kelapa sawit, oil palm), palma lainnya (other palmae)	batang (stems above ground, shoots, trunks, branches), media tanam (growing media associated with plants), sisa tanaman	Africa: Cameroon, Gambia, Ghana, Guinea, Ivory Coast, Liberia, Niger, Nigeria, Senegal
32.	<i>Bactrocera caryeae</i> (Kapoor); (Syn. <i>Dacus caryeae</i> Kapoor, 1971); (Diptera: Tephritidae); Indian fruit fly	<i>Aegle marmelos</i> (maja, bael fruit, golden apple), <i>Citrus</i> spp., <i>Citrus maxima</i> , <i>Citrus reticulata</i> , <i>Citrus tangerine</i> , <i>Malpighia glabra</i> , <i>Mangifera indica</i> (mangga, mango), <i>Persea americana</i> , <i>Piper nigrum</i> (black pepper), <i>Pouteria sapota</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Syzygium jambos</i>	buah (fruits (inc. pods), media tanam (growing media associated with plants), tanah (soil)	Asia: India
33.	<i>Bactrocera correcta</i> (Bezzi);	<i>Anacardium occidentale</i>	buah (fruits (inc.	Asia: Bangladesh, Bhutan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Syn. <i>Bactrocera (Bactrocera) correcta</i> (Bezzi), <i>Chaetodacus correctus</i> Bezzi, <i>Dacus correctus</i> (Bezzi)); (Diptera: Tephritidae); guava fruit fly	(cashew nut), <i>Areca catechu</i> (betelnut palm), <i>Artocarpus integer</i> (cempedak, champedak), <i>Averrhoa carambola</i> (belimbing, starfruit, carambola), <i>Carica papaya</i> (papaya, papaya, pawpaw), <i>Citrus maxima (pummelo)</i> , <i>Citrus reticulata</i> (mandarin), <i>Cucumis melo</i> (melon, melon), <i>Dimocarpus longan</i> (longan tree), <i>Flacourtia indica</i> (governor's plum), <i>Flacourtia jangomas</i> (Indian plum), <i>Madhuca longifolia</i> (honey tree), <i>Malpighia glabra</i> (acerola), <i>Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sapodilla), <i>Mimusops elengi</i> (spanish cherry), <i>Muntingia calabura</i> (Jamaica cherry), <i>Musa x paradisiaca</i> (plantain), <i>Phyllanthus acidus</i> (star	pods), media tanam (growing media associated with plants), tanah (soil)	Cambodia, China, India, Laos, Malaysia, Myanmar, Nepal, Pakistan, Sri Lanka, Thailand, Vietnam

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		gooseberry), <i>Prunus avium</i> (sweet cherry), <i>Prunus cerasus</i> (sour cherry), <i>Prunus persica</i> (persik, peach), <i>Psidium guajava</i> (jambu biji, guava), <i>Spondias purpurea</i> (red mombin), <i>Syzygium aqueum</i> (watery rose-apple), <i>Syzygium cumini</i> (black plum), <i>Syzygium jambos</i> (rose apple), <i>Syzygium malaccense</i> (Malay apple), <i>Syzygium nervosum</i> , <i>Syzygium samarangense</i> (water apple), <i>Terminalia catappa</i> (Singapore almond), <i>Ziziphus jujuba</i> (common jujube), <i>Ziziphus mauritiana</i> (jujube)		
34.	<i>Bactrocera curvipennis</i> (Froggatt); (Syn. <i>Bactrocera (Bactrocera) curvipennis</i> (Froggatt), <i>Chaetodacus curvipennis</i> , <i>Dacus curvipennis</i> Frogg.,	<i>Anacardium occidentale</i> , <i>Annona reticulata</i> (custard apple), <i>Annona squamosa</i> (srikaya, custard apple), <i>Averrhoa carambola</i> (belimbing, carambola),	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Oceania: New Caledonia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Strumeta curvipennis</i> (Froggat); (Diptera: Tephritidae); banana fruit fly	<i>Calophyllum inophyllum</i> , <i>Capsicum annuum</i> (cabai, sweet pepper), <i>Carica papaya</i> (papaya, papaya, papaw), <i>Cascabela thevetia</i> , <i>Casimaira edulis</i> (white sapote), <i>Citrus maxima</i> , <i>Citrus reticulata</i> , <i>Citrus x aurantium</i> var. <i>paradisi</i> , <i>Citrus x aurantium</i> var. <i>sinensis</i> , <i>Citrus x latifolia</i> , <i>Coffea arabica</i> (kopi arabika, coffee), <i>Diospyros macrocarpa</i> , <i>Distimake tuberosus</i> , <i>Eriobotrya japonica</i> , <i>Eugenia uniflora</i> , <i>Ficus pancheriana</i> , <i>Fortunella japonica</i> , <i>Fragaria vesca</i> , <i>Guettarda speciosa</i> , <i>Malphigia glabra</i> , <i>Mangifera indiac</i> (mangga, mango), <i>Neuburgia novocaledonia</i> , <i>Ochrosia elliptica</i> , <i>Passiflora foetida</i> , <i>Prunus domestica</i> , <i>Prunus persica</i> (persik,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		peach), <i>Prunus simonii</i> , <i>Psidium acutangulum</i> , <i>Psidium cattleianum</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Syzygium jambos</i> , <i>Syzygium malaccense</i> , <i>Terminalia catappa</i> , <i>Ximenia americana</i> , <i>Ziziphus jujuba</i>		
35.	<i>Bactrocera depressa</i> (Shiraki); (Syn. <i>Bactrocera (Paradacus) depressa</i> (Shiraki), <i>Bactrocera depressus</i> , <i>Dacus depressus</i> (Shiraki), <i>Paradacus depressus</i> (Shiraki), <i>Zeugodacus depressus</i> Shiraki); (Diptera: Tephritidae); pumpkin fruit fly	<i>Cucurbita moschata</i> (waluh, labu, pumpkin), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin)	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Asia: Japan, Republic of Korea (South Korea), Taiwan
36.	<i>Bactrocera jarvisi</i> (Tryon); (Syn. <i>Afrodacus jarvisi</i> (Tryon), <i>Chaetodacus jarvisi</i>	<i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Annona glabra</i> , <i>Annona</i>	buah (fruits), media tanam (growing media associated with	Oceania: Australia, Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Tryon, <i>D. australis</i> Hendel, <i>Dacus jarvisi</i> (Tryon)); (Diptera: Tephritidae); Jarvis's fruitfly, Fiji fruitfly	<i>muricata</i> (sirsak, soursop), <i>Areca catechu</i> (pinang, betelnut palm), <i>Averrhoa carambola</i> (belimbing, star-fruit), <i>Carica papaya</i> (pepaya, papaya, pawpaw), <i>Citrus aurantifolias</i> (lime), <i>Citrus limon</i> (lemon), <i>Citrus maxima</i> (pummelo), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Citrus x paradisi</i> (grapefruit), <i>Cydonia oblonga</i> (kwinsi, quince), <i>Diospyros blancoi</i> , <i>Diospyros kaki</i> (kesemek, persimmon), <i>Feijoa sellowiana</i> , <i>Fortunella japonica</i> (kumkwat, kumquat), <i>Malus domestica</i> (apel, apple), <i>Malpighia emarginata</i> , <i>Mangifera indica</i> (mangga, mango), <i>Musa paradisiaca</i> (pisang, kepok, plantain), <i>Opuntia</i> sp., <i>Passiflora quadrangularis</i>	plants), tanah (soil)	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(markisa, passion-fruit, granadilla), <i>Persea americana</i> (alpukat, avocado), <i>Planchonia careya</i> , <i>Pouteria campechiana</i> , <i>Pouteria caimito</i> , <i>Prunus americana</i> (aprikot, apricot), <i>Prunus persica</i> (persik, peach), <i>Psidium cattleianum</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima, pomegranate), <i>Pyrus communis</i> (pir, pear), <i>Spondias purpurea</i> , <i>Syzygium aquea</i> (jambu air, star apple), <i>Syzygium malaccense</i> (jambu bol, malay apple), <i>Syzygium samarangense</i> (jambu Semarang, Java apple), <i>Terminalia arenicola</i> , <i>Terminalia catappa</i> (ketapang, Indian almond)		
37.	<i>Bactrocera kandiensis</i> Drew & Hancock;	<i>Anacardium occidentale</i> (jambu mete, cashew-nut),	buah (fruits), media tanam (growing media	Asia: Sri Lanka

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Syn. <i>Bactrocera</i> sp. near <i>dorsalis</i> (D) (Hendel)); (Diptera: Tephritidae); Sri Lankan fruit fly	<i>Annona glabra</i> , <i>Areca catechu</i> (pinang, betelnut palm), <i>Artocarpus integrifolius</i> (nangka, jackfruit), <i>Artocarpus heterophyllus</i> (nangka, jackfruit), <i>Averrhoa carambola</i> (belimbing, <i>carambola</i> , star-fruit), <i>Citrofortunella microcarpa</i> , <i>Citrus maxima</i> , <i>Carica papaya</i> (pepaya, papaya, pawpaw), <i>Donella lanceolata</i> , <i>Mangifera indica</i> (mangga, mango), <i>Persea americana</i> (alpukat, avocado), <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima, pomegranate), <i>Spondias dulcis</i> , <i>Spondias cytherea</i> , <i>Syzygium aromaticum</i> (cengkeh, clove), <i>Syzygium aquea</i> (jambu air, star apple), <i>Syzygium jambos</i> , <i>Terminalia catappa</i>	associated with plants), tanah (soil)	
38.	<i>Bactrocera kinabalu</i> Drew &	<i>Persea americana</i> (alpukat,	buah (fruit), media	Asia: Malaysia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Hancock; (Diptera: Tephritidae); Kinabalu fruit fly	avocado)	tanam (growing media associated with plants), tanah (soil)	
39.	<i>Bactrocera neohumeralis</i> (Hardy); (Syn. <i>Chaetodacus humeralis</i> Perkins, <i>Chaetodacus tryoni</i> var. <i>sarcocephali</i> Tryon, <i>Dacus neohumeralis</i> Hardy, <i>Dacus tryoni</i> var. <i>neohumeralis</i> Hardy); (Diptera: Tephritidae); lesser Queensland fruit fly	<i>Anacardium occidentale</i> (jambu mete, cashew), <i>Annona</i> spp. (buah nona, sirsak, srikaya, annona, soursop, sweetsop), <i>Annona glabra</i> , <i>Annona muricata</i> , <i>Annona reticulata</i> , <i>Annona squamosa</i> (srikaya, sugar apple), <i>Avverhoa carambola</i> (belimbing, carambola, star fruit), <i>Cananga odorata</i> (kenanga, cadmia), <i>Carica papaya</i> (pepaya, papaya), <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantiifolia</i> (jeruk nipis, lime), <i>Citrus limon</i> (lemon, lemon), <i>Citrus maxima</i> (pummelo), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Citrus x paradisi</i> (grapefruit),	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Oceania: Australia, Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Clausena lansium</i>, <i>Calophyllum inophyllum</i> (nyamplung, Alexandrian laurel), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper), <i>Crateva religiosa</i>, <i>Chrysophyllum cainito</i> (kenitu, sawo duren, cainito), <i>Casimiroa edulis</i>, <i>Cyphomandra betacea</i>, <i>Diospyros blancoi</i>, <i>Diospyros kaki</i> (kesemek, persimmon), <i>Eriobotrya japonica</i> (lokwat, loquat), <i>Eugenia brasiliensis</i> (brazil cherry), <i>Eugenia dombeyi</i>, <i>Eugenia uniflora</i>, <i>Feijoa sellowiana</i>, <i>Fortunella japonica</i> (kumkwat, kumquat), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab-apple tree), <i>Malpighia</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>emarginata</i>, <i>Manilkara zapota</i> (sawo, sapodilla), <i>Mangifera indica</i> (mangga, mango), <i>Morus nigra</i> (murbei, mulberry), <i>Musa x paradisiaca</i> (pisang kepok, plantain), <i>Muntingia calabura</i> (kersen, talok, Jamaica cherry), <i>Myrciaria cauliflora</i>, <i>Psidium guajava</i> (jambu biji, guava), <i>Passiflora</i> spp., <i>Passiflora edulis</i> (passionfruit), <i>Passiflora foetida</i> (red fruit passion flower), <i>Passiflora quadrangularis</i> (giant granadilla), <i>Passiflora suberosa</i> (corkystem, passionflower), <i>Phoenix dactylifera</i> (kurma, date-palm), <i>Pouteria caimito</i>, <i>Prunus americana</i> (aprikot, apricot), <i>Prunus domesticum</i> (prem, plum), <i>Prunus persica</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(persik, peach), <i>Psidium cattleianum</i> (strawberry guava), <i>Psidium guajava</i> (jambi biji, guava), <i>Pyrus communis</i> (pir, pear), <i>Rollinia mucosa</i> , <i>Rubus rosaefolius</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum laciniatum</i> , <i>Solanum seforthianum</i> , <i>Spondias mombin</i> , <i>Spondias purpurea</i> , <i>Synsepalum dulcificum</i> , <i>Syzygium</i> spp., <i>Syzygium aqueum</i> (watery rose-apple), <i>Syzygium jambos</i> (rose apple), <i>Syzygium malaccense</i> (Malay apple), <i>Syzygium paniculatum</i> (Australian brush-cherry), <i>Syzygium samarangense</i> (water apple), <i>Terminalia catappa</i> (ketapang, Indian almond), <i>Vitis labrusca</i> , <i>Ziziphus jujuba</i> .		
40.	<i>Bactrocera passiflorae</i>	<i>Anacardium occidentale</i> ,	buah (fruits), media	Oceania: Fiji, Niue, Wallis and

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Froggatt); (Syn. <i>Bactrocera (Bactrocera) passiflorae</i> (Froggat), <i>Chaetodacus passiflorae</i> (Froggat), <i>Dacus passiflorae</i> (Froggat), <i>Strumeta passiflorae</i> (Froggat)); (Diptera: Tephritidae); Fijian fruit fly	<i>Artocarpus altilis</i> (breadfruit), <i>Carica papaya</i> (pepaya, <i>papaya</i>), <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantifolia</i> , <i>Citrus reticulata</i> , <i>Mangifera indica</i> (mangga, mango), <i>Passiflora edulis</i> , <i>Passiflora quadrangularis</i> (markisa, passion-fruit, granadilla), <i>Persea americana</i> (alpukat, avocado), <i>Psidium guajava</i> (jambu biji, guava), <i>Solanum melongena</i> (terung, aubergine), <i>Theobroma cacao</i> (kakao, cocoa)	tanam (growing media associated with plants), tanah (soil)	Futuna
41.	<i>Bactrocera psidii</i> (Frogg.); (Syn. <i>Dacus ornatissimus</i> Frogg., <i>Dacus psidii</i> (Frogg.), <i>D. virgatus</i> Coquillett, <i>Strumeta psidii</i> (Frogg.), <i>Tephritis psidii</i> (Frogg.)); (Diptera: Tephritidae); South Sea guava fruit fly	<i>Aleurites moluccana</i> (kemiri, candle nut), <i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Annona muricata</i> , <i>Annona reticulata</i> , <i>Annona squamosa</i> (srikaya, sweetsop), <i>Carica papaya</i> (pepaya, papaya), <i>Cerbera manghas</i> , <i>Caryophyllus</i> sp.,	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Oceania: New Caledonia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Citrus maxima</i> (jeruk Bali, pummelo), <i>Diospyros bicolor</i> , <i>Diospyros kaki</i> , <i>Diospyros macrocarpa</i> , <i>Eugenia uniflora</i> , <i>Diospyros</i> sp., <i>Ficus</i> spp., <i>Mangifera indica</i> (mangga, mango), <i>Malphigia glabra</i> , <i>Morus alba</i> , <i>Psidium cattleianum</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Prunus granatum</i> , <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (persik, peach), <i>Syzygium aquea</i> (jambu air, star apple), <i>Syzygium jambos</i> , <i>Syzygium malaccense</i> (jambu bol, malay apple), <i>Terminalia catappa</i> (ketapang, Indian almond), <i>Thevetia peruviana</i> , <i>Vitis vinifera</i> (anggur, grape)		
42.	<i>Bactrocera pyrifoliae</i> Drew & Hancock; (Diptera: Tephritidae); pyrifolia fruit fly	<i>Baccaurea ramiflora</i> , <i>Macropanax concinnus</i> , <i>Prunus cerasoides</i> , <i>Prunus domestica</i> , <i>Prunus persica</i> ,	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Asia: Thailand, Vietnam

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		<i>Psidium guajava</i> (jambu biji, guava), <i>Pyrus pyrifolia</i> (pir, pear), <i>Xanthophyllum flavescens</i>		
43.	<i>Bactrocera tryoni</i> (Froggatt); (Syn. <i>Bactrocera (Bactrocera) tryoni</i> (Froggat), <i>Chaetodacus sarcocephali</i> Tryon, <i>Chaetodacus tryoni</i> (Froggat), <i>Dacus ferrugineus tryoni</i> (Froggat), <i>Dacus tryoni</i> (Froggat), <i>Strumeta melas</i> Perkins & May, <i>Strumeta tryoni</i> (Froggat), <i>Tephritis tryoni</i> Froggat); (Diptera: Tephritidae); Queensland fruit fly	<i>Acca sellowiana</i> , <i>Acronychia acidula</i> , <i>Acronychia laevis</i> , <i>Acronychia vestita</i> , <i>Actinidia deliciosa</i> , <i>Aglaiia sapindina</i> , <i>Alyxia ruscifolia</i> , <i>Aegle marmelos</i> (maja, bael fruit), <i>Amorphospermum antilogum</i> , <i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Anona</i> spp., <i>Averrhoa carambola</i> (belimbing, star-fruit), <i>Annona glabra</i> , <i>Annona muricata</i> , <i>Annona reticulata</i> , <i>Annona x atemoya</i> , <i>Annona squamosa</i> (srikaya, sweetsop), <i>Artocarpus altilis</i> , <i>Artocarpus heterophyllus</i> , <i>Artocarpus odoratissimus</i> , <i>Averrhoa bilimbi</i> (belimbing sayur, bilimbi), <i>Averrhoa carambola</i>	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Oceania: Australia, French Polynesia, New Caledonia, Pitcairn

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		(belimbing, starfruit), <i>Barringtonia asiatica</i> , <i>Barringtonia calyptrate</i> , <i>Barringtonia edulis</i> , <i>Beilschmiedia obtusifolia</i> , <i>Bouea macrophylla</i> , <i>Blighia sapida</i> , <i>Calophyllum inophyllum</i> , <i>Canarium indicum</i> , <i>Capparis lucida</i> , <i>Capparis mitchellii</i> <i>Capparis nobilis</i> , <i>Capsicum frutescens</i> , <i>Carallia brachiate</i> , <i>Carica papaya</i> (pepaya, papaya), <i>Carissa ovata</i> , <i>Cascabela thevetia</i> , <i>Casimiroa edulis</i> <i>Casimiroa tetrameria</i> , <i>Castanospermum australe</i> <i>Castanospora alphandii</i> , <i>Coffea</i> spp. (kopi, coffee), <i>Capsicum annum</i> (cabai besar, paprika, bell-pepper), <i>Chrysophyllum cainito</i> , <i>Cananga odorata</i> (kenanga, cadmia), <i>Citrus</i> spp.,		

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		<p><i>Clausena lansium,</i> <i>Calophyllum inophyllum</i> (nyamplung, alexander laurel), <i>Castanospermum austral,</i> <i>Castanospora alphantii,</i> <i>Chrysophyllum caimito,</i> <i>Cissus antarctica, Cissus sp.,</i> <i>Citrus aurantiifolia, Citrus</i> <i>aurantium, Citrus glauca,</i> <i>Citrus jambhiri, Citrus</i> <i>latifolia, Citrus limetta, Citrus</i> <i>limon, Citrus maxima, Citrus</i> <i>medica, Citrus paradisi,</i> <i>Citrus reticulata, Citrus</i> <i>sinensis, Coffea arabica,</i> <i>Cryptocarya erythroxylon,</i> <i>Cucurbita moschata,</i> <i>Cucurbita pepo, Cucurbita</i> <i>maxima</i> (waluh, labu parang, pumpkin), <i>Cydonia oblonga</i> (kwinsi, quince), <i>Cyphomandra betacea,</i> <i>Davidsonia pruriens,</i> <i>Dimocarpus longan</i></p>		

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		(kelengkeng, longan), <i>Dimocarpus litchii</i> (leci, litchi), <i>Diospyros blancoi</i> , <i>Diospyros kaki</i> (kesemek, persimmon), <i>Diospyros australis</i> , <i>Diospyros digyna</i> , <i>Diospyros discolor</i> , <i>Diospyros ebenum</i> , <i>Diospyros mespiliformis</i> , <i>Diplocyclos palmatus</i> , <i>Dovyalis caffra</i> , <i>Drypetes deplanchei</i> , <i>Elaeocarpus angustifolius</i> , <i>Elaeocarpus bancroftii</i> , <i>Elaeodendron australe</i> , <i>Endiandra compressa</i> , <i>Endiandra cowleyana</i> , <i>Endiandra discolor</i> , <i>Endiandra longipedicellata</i> , <i>Endiandra microneura</i> , <i>Endiandra sankeyana</i> , <i>Endiandra wolfei</i> , <i>Eugenia reinwardtiana</i> , <i>Eriobotrya japonica</i> (lokwat, loquat), <i>Eremocitrus glauca</i> , <i>Eugenia dombeyi</i> , <i>Eugenia</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>uniflora, Fagraea gracilipes, Ficus carica, Ficus leptoclada, Ficus macrophylla, Ficus pancheriana, Ficus sp. Flacourtia inermis, Fragaria sp., Fragaria vesca, Fortunella japonica (kumkwat, kumquat), Feijoa sellowiana, Ficus racemosa, Flacourtia jangomas, Flacourtia rukam (rukem, rukam), Fortunellax crassifolia, Ganophyllum falcatum, Garcinia dulcis, Garcinia warrenii, Glochidion harveyanum, Glycosmis trifoliata, Grewia asiatica, Hernandia cordigera, Huberantha nitidissima, Inocarpus fagifer, Juglans regia (walnut, walnut), Litchi chinensis, Maclura cochinchinensis, Malpighia glabra, Malus sylvestris (crab-apple), Malpighia emarginata,</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Melastoma malabathricum</i>, <i>Melodorum leichhardtii</i>, <i>Manilkara zapota</i> (sawo, sapodilla), <i>Morinda citrifolia</i>, <i>Murraya paniculate</i>, <i>Musa troglodytarum</i>, <i>Mimusops elengi</i> (tanjung, Asian bulletwood), <i>Momordica charantia</i> (paria, bitter gourd), <i>Morus alba</i> (murbei, mulberry), <i>Musa paradisiaca</i> (pisang kepok, plantain), <i>Myrciaria cauliflora</i>, <i>Mangifera indica</i> (mangga, mango), <i>Morus nigra</i>, <i>Nauclea orientalis</i>, <i>Nephelium lappaceum</i> (rambutan, rambutan), <i>Nerium oleander</i>, <i>Olea europea</i> subsp. <i>europea</i> (zaitum, olive), <i>Niemeyera chartacea</i>, <i>Niemeyera prunifera</i>, <i>Normanbya normanbyi</i>, <i>Notelaea longifolia</i>, <i>Ochrosia elliptica</i>,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Ochrosia moorei, Olea europaea, Opuntia sp., Owenia venosa, Opuntia ficus-indica, Passiflora quadrangularis (markisa, passion-fruit, granadilla), Passiflora aurantia, Passiflora edulis, Passiflora edulis f. flavicarpa, Passiflora laurifolia, Passiflora subpeltata, Passiflora suberosa, Phaleria clerodendron, Phyllanthus acidus, Phyllanthus ferdinandi, Planchonella australis, Planchonella myrsinodendron, Planchonella pohlmaniana, Planchonella sp., Planchonella sphaerocarpa, Planchonia careya, Pleiogynium cerasiferum, Pleioluma macrocarpa, Polyalthia sp., Pourouma cecropiifolia,</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Pouteria caimito</i>, <i>Premna serratifolia</i>, <i>Prunus persica</i> (persik, peach), <i>Prunus armeniaca</i>, <i>Prunus avium</i>, <i>Prunus cerasifera</i>, <i>Prunus domestica</i>, <i>Prunus persica</i> var. <i>nucipersica</i>, <i>Prunus simonii</i>, <i>Psidium cattleianum</i>, <i>Psidium guajava</i> (jambu biji, guava), <i>Psidium acutangulum</i>, <i>Psidium cattleyanum</i>, <i>Psidium guajava</i> (jambu biji, guava), <i>Pyrus pyrifolia</i>, <i>Passiflora foetida</i>, <i>Persea americana</i> (alpukat, avocado), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Physalis peruviana</i> (gooseberry), <i>Pometia pinnata</i>, <i>Pouteria campechiana</i>, <i>Pouteria caimito</i>, <i>Pouteria sapota</i>, <i>Prunus</i> spp., <i>Psidium guineense</i>, <i>Punica granatum</i> (delima, pomegranate),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>Phyllanthus acidus, Pyrus communis</i> (pir, pear), <i>Rhamnella vitiensis,</i> <i>Rhodamnia sessiliflora,</i> <i>Ripogonum album, Rubus x loganobaccus, Rollinia mucosa, Rollinia pulchrinervis, Rubus fruticosus, Rubus ursinus, Salacia chinensis, Sandoricum koetjape, Santalum lanceolatum, Scaevola taccada, Schizomeria, ovata, Semecarpus australiensis, Siphonodon australis, Solanum betaceum, Solanum laciniatum, Solanum mauritianum, Solanum muricatum, Solanum seafortianum, Solanum torvum, Spondias dulcis, Spondias mombin, Solanum lycopersicum</i> (tomat, tomato),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum</i> spp., <i>Spondias</i> spp., <i>Synsepalum dulcificum</i>, <i>Syzygium alliligneum</i>, <i>Syzygium angophoroides</i>, <i>Syzygium aqueum</i>, <i>Syzygium austral</i>, <i>Syzygium canicortex</i>, <i>Syzygium claviflorum</i>, <i>Syzygium coarctatum</i>, <i>Syzygium cormiflorum</i>, <i>Syzygium corynanthum</i>, <i>Syzygium cumini</i>, <i>Syzygium erythrocalyx</i>, <i>Syzygium fibrosum</i>, <i>Syzygium forte</i>, <i>Syzygium graveolens</i>, <i>Syzygium hemilamprum</i>, <i>Syzygium jambos</i>, <i>Syzygium kuranda</i>, <i>Syzygium luehmannii</i>, <i>Syzygium malaccense</i>, <i>Syzygium paniculatum</i>, <i>Syzygium puberulum</i>, <i>Syzygium resa</i>, <i>Syzygium rubrimolle</i>,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Syzygium samarangense</i> , <i>Syzygium smithii</i> <i>Syzygium</i> <i>suborbiculare</i> , <i>Syzygium</i> <i>tierneyanum</i> , <i>Syzygium</i> <i>xerampelinum</i> , <i>Terminalia</i> <i>catappa</i> (ketapang), <i>Terminalia Arenicola</i> , <i>Terminalia aridicola</i> , <i>Terminalia ferdinandiana</i> , <i>Terminalia melanocarpa</i> , <i>Terminalia muelleri</i> , <i>Terminalia platyphylla</i> , <i>Terminalia sericocarpa</i> , <i>Terminalia subacroptera</i> , <i>Thevetia peruviana</i> , <i>Trichosanthes cucumerina</i> <i>var. anguina</i> , <i>Vaccinium</i> sp., <i>Vitis</i> sp., <i>Vitis labrusca</i> , <i>Vitis</i> <i>vinifera</i> (anggur, grapevine), <i>Ziziphus mauritiana</i> , <i>Ximenia</i> <i>americana</i>		
44.	<i>Bactrocera tsuneonis</i> (Miyake); (Syn. <i>Dacus chenii</i> , <i>D.</i>	<i>Citrus aurantium</i> , <i>Citrus</i> <i>reticulata</i> , <i>Citrus sinensis</i> , <i>Citrus tangerina</i> , <i>Citrus</i>	buah (fruits), media tanam (growing media associated with	Asia: China, Japan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<i>tsuneonis</i> , <i>Tetradacus tsuneonis</i>); (Diptera: Tephritidae); Japanese orange fly, citrus fruit fly	<i>unshiu Fortunella margarita</i> (oval kumquat), <i>Fortunella x crassifolia</i> , <i>Fortunella japonica</i>	plants), tanah (soil)	
45.	<i>Bactrocera zonata</i> (Saunders, 1841); (Syn. <i>Bactrocera maculigera</i> Doleshall (misidentification), <i>Chaetodacus zonatus</i> (Saunders), <i>Dacus (Strumeta) zonatus</i> , <i>Dacus mangiferae</i> Cotes, 1893, <i>Dacus persicae</i> , <i>Dacus persicus</i> (Biggot), <i>Dacus zonatus</i> (Saunders), <i>Dasyneura zonata</i> Saunders, <i>Dasyneura zonatus</i> Saunders, 1942, <i>Rivellia persicae</i> Bigot, 1889, <i>Strumeta zonata</i> (Saunders), <i>Strumeta zonatus</i> Saunders); (Diptera: Tephritidae); peach fruitfly, peach fruit fly,	<i>Aegle marmelos</i> (golden apple), <i>Annona squamosa</i> (sugar apple), <i>Careya arborea</i> (tummy wood), <i>Carica papaya</i> (papaya, papaya, pawpaw), <i>Cydonia oblonga</i> (kwinsi, quince), <i>Eriobotrya japonica</i> (loquat), <i>Ficus carica</i> (common fig), <i>Grewia asiatica</i> (phalsa), Luffa, <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Momordica charantia</i> (paria, bitter gourd), <i>Phoenix dactylifera</i> (kurma, date-palm), <i>Prunus persica</i> (persik, peach), <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima,	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Africa: Egypt, Libya, Mauritius, Reunion, Sudan America: USA Asia: Bangladesh, Bhutan, India, Iran, Iraq, Israel, Lao PDR (Laos), Myanmar, Nepal, Oman, Pakistan, Saudi Arabia, Sri Lanka, Thailand, United Arab Emirates, Vietnam, Yemen Europe: Cyprus, France

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	guava fruit fly	pomegranate), <i>Terminalia catappa</i> (ketapang, Singapore almond), <i>Ziziphus</i> , <i>Ziziphus mauritiana</i> (jujube)		
46.	<i>Busseola fusca</i> Fuller; (Syn. <i>Busseola sorghicida</i> Thurau, <i>Calamistis fusca</i> Fuller, <i>Sesamia fusca</i> Fuller); (Lepidoptera: Noctuidae); African maize stalk borer, maize stalk borer, maize stem borer, sorghum stalk/stem borer	<i>Eleusine coracana</i> (finger millet), <i>Hyparrhenis rufa</i> (Jaragua grass), <i>Hyparrhenia tamba</i> , <i>Megathyrsus maximus</i> (Guinea grass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum glaucum</i> (bajra, pearl-millet), <i>Pennisetum purpureum</i> (elephant grass), <i>Rotboellia cochinchinensis</i> (itch grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum bicolor</i> subsp. <i>verticiliformum</i> , <i>Sorghum halepense</i> (Johnson grass), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), batang (stems (above ground), trunks, shoots, branches), bunga (flowers, inflorescences, cones, calyx), daun (leaves), stalk	Africa: Angola, Benin, Bostwana, Burkina Faso, Burundi, Cameroon, Chad, Congo, DR Congo, Eritrea, Eswatini, Ethiopia, Gabon, Ghana, Guinea, Ivory Coast, Kenya, Lesotho, Malawi, Mali, Mozambique, Nigeria, Rwanda, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe
47.	<i>Carpomya pardalina</i> Bigot; (Syn. <i>Carpomyia caucasia</i>	<i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis melo</i>	buah (fruits), media tanam (growing media	Asia: Afghanistan, Armenia, Azerbaijan, Georgia, India, Iran,

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	Zaitzev, 1919, <i>Myiopardalis carpalina</i> , <i>Myiopardalis caucasia</i> (Zaitzev), <i>Myiopardalis pardalina</i> (Biggot); (Diptera: Tephritidae); Baluchistan fruit fly	(melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), Cucurbitaceae	associated with plants), tanah (soil)	Iraq, Israel, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Pakistan, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Cyprus, Russia, Ukraine
48.	<i>Caliothrips masculinus</i> Hood; (Thysanoptera: Thripidae)	<i>Manihot esculenta</i> (ubi kayu, cassava)	daun (<i>leaves</i>)	America: Trinidad and Tobago
49.	<i>Carposina sasakii</i> Matsumura; (Syn. <i>Carposina niponensis</i> Walsingham, <i>Carposina persicana</i> (Ftch), <i>Cydia persicana</i> Sasaki); (Lepidoptera: Carposinidae); peach fruit moth, peach fruit borer	<i>Aronia arbutifolia</i> , <i>Chaenomeles japonica</i> , <i>Chaenomeles legenaria</i> , <i>Cornus mas</i> , <i>Crataegus cuneata</i> , <i>Crataegus pinnafitida</i> , <i>Cydonia oblonga</i> (kwinsi, quince), <i>Eriobotrya japonica</i> (lokwat, loquat), <i>Malus</i> spp., <i>Malus domestica</i> (apel, apple), <i>Malus prunifolia</i> , <i>Malus spectabilis</i> , <i>Malus toringo</i> , <i>Malus x micromalus</i> , <i>Pyrus communis</i> (pir, pear), <i>Prunus persica</i> (persik,	buah (fruits)	Asia: China, DPR Korea (North Korea), Japan, Republic of Korea (South Korea) Europe: Russia

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		peach), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus salicina</i> , <i>Pseudocarya sinensis</i> , <i>Sorbus aucuparia</i> , <i>Punica granatum</i> , <i>Ziziphus jujube</i>		
50.	<i>Caulophilus oryzae</i> (Gyllenhal, 1838); (Syn. <i>Caulophilus latinasus</i> (auct, non Say), <i>Rhyncholus oryzae</i> Gyllenhal, 1838); (Coleoptera: Curculionidae); broad nosed grain weevil, broad nosed granary weevil	<i>Cicer arietinum</i> (kacang arab, chickpea), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Panicum miliaceum</i> (millet), <i>Pennisetum</i> spp., <i>Persea americana</i> (alpukat, avocado), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i> (jahe, ginger)	akar (roots), biji (true seeds (inc. grain)), akar rimpang (rhizome), umbi (bulbs, tubers, corms)	America: Cuba, Guatemala, Jamaica, Mexico, Panama, Puerto Rico, USA Europe: Germany, Portugal
51.	<i>Cephus cinctus</i> Norton; (Syn. <i>Cephus occidentalis</i>); (Hymenoptera: Cephidae); wheat stem sawfly, western	Agropyron, Elymus, <i>Hordeum vulgare</i> (barli, barley), Phleum, serealea (cereal), <i>Triticum aestivum</i> (gandum,	batang, kayu	America: Canada, USA Asia: Kazakhstan

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	wheat-stem fly	wheat)		
52.	<i>Ceratitis capitata</i> (Wiedemann); (Syn. <i>Ceratitis citriperda</i> MacLeay, <i>Ceratitis hispanica</i> Breme, <i>Pardalaspis asparagi</i> Bezzi, <i>Tephritis capitata</i> Wiedemann); (Diptera: Tephritidae); Mediterranean fruit fly, medfly	<i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Annona cherimola</i> , <i>Annona muricata</i> , <i>Annona reticulata</i> , <i>Annona squamosa</i> , <i>Antidesma dallachiana</i> , <i>Antidesma venosum</i> , <i>Argania spinosa</i> , <i>Artabotrys monteiroae</i> , <i>Artabotrys altilis</i> , <i>Azima tetracantha</i> , <i>Blighia sapida</i> , <i>Brucea antidysenterica</i> , <i>Butia eriospatha</i> , <i>Calophyllum inophyllum</i> , <i>Calophyllum tacamahaca</i> , <i>Capparis mariana</i> , <i>Capparis sepaiaria</i> , <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Capsicum chinense</i> , <i>Capsicum frutescens</i> , <i>Carica papaya</i> (pepaya, pawpaw, papaya), <i>Carisa carandas</i> , <i>Carissa edulis</i> , <i>Carissa macrocarpa</i> ,	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Comoros, DR Congo, Congo, Egypt, Eritrea, Eswatini, Ethiopia, Gabon, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Liberia, Libya, Madagascar, Malawi, Mali, Morocco, Mauritius, Mozambique, Namibia, Niger, Nigeria, Réunion, Saint Helena, Sao Tome and Principe, Senegal, Seychelles, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Paraguay, Peru, USA, Uruguay, Venezuela Asia: Iran, Iraq, Israel, Jordan,

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		<p><i>Carissaspinarum, Carissa tetramera, Casya Illinoensis, Casimiroa edulis, Chrysobalanus icaci, Chrysohyllum cainito, Chrysophyllum viridifolium, Cinnamomum verum</i> (cinamon, kayu manis), <i>Citrus aurantium, Citrus limetta, Citrus limon, Citrus nobilis, Citrus reticulata x paradisi, Citrus sinensis, Clausena anisata, Clausena lansium, Coccinia microphylla, Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea liberica</i> (Liberican coffee tree), <i>Cola natalensis, Crateva tapia, Cucumis dipsaceus, Cydonia oblonga</i> (quince, kwinsi), <i>Cyphomandra betacea, Dimocarpus longan, Diospyros abyssinica, Diospyros kaki</i> (persik,</p>		<p>Lebanon, Palestine, Saudi Arabia, Syria, Turkey, Yemen Europe: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, France, Germany, Greece, Guernsey, Italy, Malta, Montenegro, North Macedonia, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine Oceania: Australia</p>

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		persimmon), <i>Diospyros mespiliformis</i> , <i>Diospyros pallens</i> , <i>Diospyros virginiana</i> , <i>Dovyalis caffra</i> , <i>Dovyalis hebecarpa</i> , <i>Drypetes natalensis</i> , <i>Durio zibethinus</i> , <i>Ekebergia capensis</i> , <i>Englerophytum magalismontanum</i> , <i>Eriobotrya japonica</i> , <i>Eucia divinorum</i> , <i>Eugenia brasiliensis</i> , <i>Eugenia paniculata</i> , <i>Eugenia uniflora</i> , <i>Feijoa sellowiana</i> , <i>Ficus carica</i> , <i>Filicium decipiens</i> , <i>Flacourtia indica</i> , <i>Flagellaria guineensis</i> , <i>Flueggea virosa</i> , <i>Fortunella japonica</i> , <i>Garcinia elliptica</i> , <i>Garcinia livingstone</i> , <i>Garcinia mangostana</i> , <i>Grewia trichocarpa</i> , <i>Guettarda speciosa</i> , <i>Harpephyllum caffrum</i> , <i>Harrisonia abyssinica</i> , <i>Juglans nigra</i> , <i>Juglans regia</i> ,		

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		<p><i>Lamprothamnus zanguebaricus, Litchi chinensis, Ludia mauritania, Lycium barbarum, Lycium europaeum, Lycium ferocissimum, Malpighia glabra, Malus domestica</i> (apel, apple), <i>Malus floribunda, Malus sylvestris, Mangifera indica, Manilkara butugi, Manilkara sansibarensis, Manilkara sulcata, Manilkara zapta</i> (sapodilla, sawo), <i>Mespilus germanica, Mumusops bagshawei, Mimusops caffra, Mimusops elengi, Mimusops fruticosa, Mimusops kummel, Mimusops obtusifolia, Mimusops zeyheri, Momordica charantia</i> (paria, bitter gourd), <i>Monodora grandidieri, Morus nigra, Muntingia calabura, Myrianthus arboreus,</i></p>		

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		<p><i>Nephelium lappaceum</i> (rambutan, rambutan), <i>Olea europaea</i> subsp. <i>europaea</i>, <i>Olea woodiana</i>, <i>Opilia amentacea</i>, <i>Opuntia ficus-indica</i>, <i>Oxyanthus zanguebaricus</i>, <i>Passiflora caerulea</i>, <i>Passiflora edulis</i>, <i>Passiflora ligularis</i>, <i>Pentarhopalopilia umbellulata</i>, <i>Persea americana</i> (alpukat, avocado), <i>Phoenix dactylifera</i> (kurma, date-palm), <i>Phyllanthus acidus</i>, <i>Physalis peruviana</i>, <i>Pouteria caimito</i>, <i>Pouteria campechiana</i>, <i>Pouteria sapota</i>, <i>Pouteria viridis</i>, <i>Prunus africanus</i>, <i>Prunus armeniaca</i>, <i>Prunus avium</i>, <i>Prunus domestica</i>, <i>Prunus persica</i>, <i>Prunus salicina</i>, <i>Psidium cattleianum</i>, <i>Psidium guajava</i>, <i>Punica granatum</i>,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Pyrus communis, Pyrus pyrifolia, Pyrus syriaca, Rubus idaeus, Rubus loganobaccus, Rubus lucidus, Salacia elegans, Sentalum album, Scaevola taccada, Sideroxylon inerma, Solanum aethiopicum, Solanum inacum, Solanum lycopersicum, Solanum macrocarpon, Solanum mauritianum, Solanum melongena, Solanum muricatum, Solanum nigrum, Solanum pseudocapsicum, Solanum seforthianum, Sorocea bonplandii, Spondias dulcis, Spondias purpurea, Spondias tuberosa, Strychnos decussata, Strychnos henningsii, Strychnos potatorum, Strychnos pungens, Synsepalum dulcificum, Syzygium cumini,</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Syzygium jambos</i> , <i>Syzygium malaccense</i> , <i>Syzygium samarangense</i> , <i>Terminalia catappa</i> , <i>Theobroma cacao</i> (kakao, cacao), <i>Thevetia peruviana</i> , <i>Vaccinium corymbosum</i> , <i>Vangueria infausta</i> , <i>Vepris lanceolata</i> , <i>Vitis vinifera</i> (anggur, grapevine), <i>Xximenia caffra</i> , <i>Ziziphus joazeiro</i> , <i>Ziziphus jujuba</i> , <i>Ziziphus mauritania</i>		
53.	<i>Ceratitis cosyra</i> (Walker); (Syn. <i>Ceratitis giffardi</i> Bezzi, <i>Pardalaspis cosyra</i> (Walker), <i>P. giffardi</i> (Bezzi), <i>Pardalaspis giffardi</i> var. <i>Sarcocephali</i> Bezzi, <i>Pardalaspis parinari</i> Hering, <i>Pardalaspis sarcocephali</i> (Bezzi), <i>Trypeta cosyra</i> Walker); (Diptera: Tephritidae); mango fruit fly, marula fruit	<i>Adenia lobata</i> , <i>Anacardium occidentale</i> , <i>Anisophyllea laurina</i> , <i>Annona</i> spp., <i>Annona cherimola</i> , <i>Annona muricata</i> , <i>Annona reticulata</i> , <i>Annona senegalensis</i> , <i>Areca triandra</i> , <i>Averrhoa carambola</i> , <i>Blighia sapida</i> , <i>Bourreria petiolaris</i> , <i>Capsicum annum</i> , <i>Capsicum frutescens</i> , <i>Carissa carandas</i> , <i>Carpolobia lutea</i> , <i>Cascabela thevetia</i> , <i>Citrus</i> sp.,	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	Africa: Angola, Benin, Botswana, Burkina Faso, Cameroon, Central African Republic, DR Congo, Eswatini, Ethiopia, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mozambique, Namibia, Nigeria, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	fly	<p><i>Citrus chinensis</i>, <i>Canopharyngia penduliflora</i>, <i>Citrus aurantium</i> (jeruk nipis, lime), <i>Chrysobalanus</i> sp., <i>Cordyla africana</i>, <i>Cordyla</i> <i>pinnata</i>, <i>Diospyros</i> <i>mespiliformis</i>, <i>Dovyalis caffra</i>, <i>Drypetes gossweileri</i>, <i>Drypetes</i> <i>natalensis</i>, <i>Englerophytum</i> <i>natalense</i>, <i>Eriobotrya</i> <i>japonica</i>, <i>Ficus asperifolia</i>, <i>Ficus racemosa</i>, <i>Ficus</i> <i>sycomorus</i>, <i>Landolphia</i> sp., <i>Flacourtia indica</i>, <i>Fortunella</i> <i>margarita</i>, <i>Gliricidia</i> <i>maculate</i>, <i>Grewia trichocarpa</i>, <i>Haematostaphis barteri</i>, <i>Harpephyllum caffrum</i>, <i>Icacina oliviformis</i>, <i>Irvingia</i> <i>gabonensis</i>, <i>Landolphia kirkii</i>, <i>Litchi chinensis</i>, <i>Mangifera</i> <i>indica</i> (mangga, mango), <i>Mimusops bagshawei</i>, <i>Nauclea latifolia</i>, <i>Parinari</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>mobola, Persea americana</i> (alpukat, avocado), <i>Parinari curatellifolia</i>, <i>Psidium cattleianum</i>, <i>Prunus persica</i> (persik, peach), <i>Psidium guajava</i> (jambu biji, guava), <i>Rollinia mucosa</i>, <i>Saba comorensis</i>, <i>Scaevola plumieri</i>, <i>Solanum lycopersicum</i>, <i>Solanum melongena</i>, <i>Spondias dulcis</i>, <i>Spondias mombin</i>, <i>Saba senegalensis</i>, <i>Sclerocarya birrea</i>, <i>Sarcocephalus esculentus</i>, <i>Strychnos spinosa</i>, <i>Terminalia catappa</i>, <i>Uapaca kirkiana</i>, <i>Vachellia sieberiana</i>, <i>Vitellaria paradoxa</i>, <i>Warburgia salutaris</i>, <i>Warburgia ugandensis</i>, <i>Ximenia americana</i>, <i>Syzygium cumini</i> <i>mericana</i>, <i>Ziziphus mauritiana</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
54.	<i>Ceratitis punctata</i> (Wiedemann); (Syn. <i>Pardalaspis punctata</i> (Wiedemann), <i>Pardalaspis senegalensis</i> (Macquart), <i>Tephritis senegalensis</i> Macquart); (Diptera: Tephritidae); cacao fruit fly	<i>Achra sapota</i> , <i>Annona senegalensis</i> (wild custard apple), <i>Annona</i> sp., <i>Citrus aurantium</i> , <i>Citrus hystrix</i> , <i>Carpodinus hirsute</i> , <i>Coffea</i> spp. (kopi, coffee), <i>Cucumis melo</i> (melon, melon), <i>Chrysophyllum albidum</i> , <i>Ficus</i> sp., <i>Landolphia</i> sp., <i>Mangifera indica</i> (mangga, mango), <i>Napoleonaea gabonensis</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Passiflora quadrangularis</i> (markisa, granadilla, passion fruit), <i>Richardella campechiana</i> , <i>Tabernaemontana</i> sp., <i>Theobroma cacao</i> (kakao, cocoa)	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	Africa: Benin, Cameroon, DR Congo, Congo, Ghana, Guinea, Kenya, Senegal, Sierra Leone, South Africa, Tanzania, Uganda, Zambia, Zimbabwe
55.	<i>Ceratitis quinaria</i> (Bezzi); (Syn. <i>Ceratitis (Ceratalaspis) quinara</i> (Bezzi) <i>Pardalaspis quinaria</i> Bezzi); (Diptera: Tephritidae);	<i>Anacardium occidentale</i> (jambu mete, cashew nut), <i>Mangifera indica</i> (manga, mango), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus</i>	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	Africa: Angola, Benin, Botswana, Burkina Faso, Cameroon, Ethiopia, Ivory Coast, Malawi, Mali, Mozambique, Namibia, Senegal, South Africa, Sudan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	five-spotted fruit fly, Rhodesian fruit fly, Zimbabwean fruit fly	<i>persica</i> (persik, peach), <i>Psidium guajava</i> (jambu biji, guava), <i>Vitellaria paradoxa</i> (shea tree), <i>Ximenia americana</i> (hog plum), <i>Ziziphus spina-christi</i> (Christ's thorn jujube)		Tanzania, Zimbabwe Asia: Yemen
56.	<i>Ceratitis rosa</i> Karsch.; (Syn. <i>Pterandrus rosa</i> (Karsch)); (Diptera: Tephritidae); Natal fruit fly	<i>Annona reticulata</i> (bullock's heart), <i>Averrhoa carambola</i> (belimbing, star-fruit), <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Capsicum frutescens</i> (chilli), <i>Carissa macrocarpa</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Coffea</i> spp. (kopi, coffee), <i>Carica papaya</i> (pepaya, papaya), <i>Carica cauliflora</i> , <i>Citrus aurantium</i> (sour orange), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Coffea arabica</i> (arabica coffee), <i>Cydonia oblonga</i> (kwinsi, quince),	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	Africa: Burkina Faso, Ethiopia, Ghana, Kenya, Lesotho, Malawi, Mozambique, South Africa, Tanzania

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Eriobotrya japonica</i> (lokwat, loquat), <i>Eugenia uniflora</i>, <i>Ficus carica</i> (ara, fig), <i>Garcinia mangostana</i> (manggis, mangosteen), <i>Litchi chinensis</i> (leci, lichi), <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Monanthotaxis fornicata</i>, <i>Persea americana</i> (alpukat, avocado), <i>Prunus domestica</i> (prem, plum), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus salicina</i> (Japanese plum), <i>Psidium cattleianum</i> (strawberry guava), <i>Pyrus communis</i> (pir, european pear), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Syzygium aqueum</i> (watery rose-apple), <i>Syzygium cumini</i> (black plum), <i>Syzygium jambos</i></p>		

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		(jambu mawar, rose apple), <i>Syzygium malaccense</i> (Malay apple), <i>Terminalia catappa</i> (ketapang, Indian almond), <i>Theobroma cacao</i> (kakao, cocoa), <i>Vitis vinifera</i> (anggur, grapevine), <i>Ziziphus jujuba</i>		
57.	<i>Chaetocnema confinis</i> Crotch, 1873; (Syn. <i>Chaetocnema etiennei</i> Jolivet, 1979, <i>Chaetocnema flavicornis</i> LeConte, 1878, <i>Chaetocnema perplexa</i> Blake); (Coleoptera: Chrysomelidae); flea beetle; sweet potato flea beetle.	<i>Abutilon hybridum</i> (Indian mallow), <i>Acer negundo</i> (box elder), <i>Acer platanoides</i> (Norway maple), <i>Aesculus</i> (buckeye), <i>Amaranthus retroflexus</i> (redroot pigweed), <i>Arctium minus</i> (common burdock), <i>Avena sativa</i> (oats), <i>Beta vulgaris</i> (bit, beetroot), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica rapa</i> ssp. <i>oleifera</i> (turnip rape), <i>Catalpa bignonioides</i> (Southern catalpa), <i>Calystegia sepium</i> (great bindweed), <i>Fragaria</i>	daun (leaves), tunas (buds), bibit tanaman (seedlings), umbi (bulbs, tubers, corms, rhizomes)	Africa: Benin, Comoros, Gambia, Ghana, Madagascar, Malawi, Mauritius, Réunion, Senegal, Seychelles, South Africa America: Brazil, Canada, Ecuador, El Salvador, Nicaragua, USA Asia: Japan, Taiwan, Thailand, Vietnam Europe: Guernsey Oceania: French Polynesia, Guam, Marshall Islands, Palau

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>vesca</i> (wild strawberry), <i>Fraxinus americana</i> (white ash), <i>Glycine max</i> (kedelai, soyabean), Gossypium (kapas, cotton), <i>Helianthus tuberosus</i> (Jerusalem artichoke), Hibiscus (rosemallows), <i>Ipomoea aquatica</i> (swamp morning-glory), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea pandurata</i> (bigroot morningglory), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (alfalfa, lucerne), Mucuna (velvetbeans), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pharbitis purpurea</i> (Tall morning glory), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus avium</i> (sweet cherry),</p>		

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		<i>Prunus virginiana</i> (common chokecherry tree), <i>Rubus</i> (blackberry, raspberry), <i>Secale cereale</i> (rye), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Tilia americana</i> (basswood), <i>Trifolium pratense</i> (purple clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize)		
58.	<i>Chaetosiphon fragaefolii</i> Cockerell; (Syn. <i>Capitophorus fragaefolii</i> Cockerell, <i>Capitophorus fragariae</i> Theobald, <i>Chaetosiphon fragariae</i> , <i>Myzus fragaefolii</i> , <i>Myzus fragariae</i> Theobald, 1912, <i>Passerinia fragaefolii</i> ,	<i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria chiloensis</i> (Chilean strawberry), <i>Fragaria vesca</i> (wild strawberry), <i>Fragaria vesca</i> var. <i>semperflorens</i> (Perpetual strawberry), <i>Rosa</i> (Roses), <i>Rosa rugosa</i> (rugosa rose)	bibit tanaman (seedlings), daun (leaves), tunas (buds)	Africa: Morocco America: Argentina, Bolivia, Brazil, Canada, Chile, Mexico, USA Asia: Israel, Japan, Pakistan, Philippines Europe: Belgium, Bulgaria, Czechia, France, Germany, Greece, Italy, North Macedonia,

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	<i>Pentatrichopus fragaefolii</i> Cockerell, <i>Pentatrichopus fragariae</i> ; (Hemiptera: Aphididae); strawberry aphid			Portugal, Romania, Serbia, Slovenia, Spain, Switzerland, United Kingdom Oceania: Australia, New Zealand
59.	<i>Chilo orichalcociliellus</i> (Strand); (Syn. <i>Chilotraea argyrolepia</i> , <i>Diatraea argyrolepia</i> , <i>Proceras argyrolepia</i> , <i>Proceras Argyrolepidus</i> , <i>Proceras Orichalcociliella</i> , <i>Chilo argyrolepia</i> , <i>Diatraea orichalcociliella</i>); (Lepidoptera: Crambidae); coastal stalk borer	Poaceae, <i>Panicum miliaceum</i> , <i>Saccharum officinarum</i> (tebu, sugarcane)	batang (stems), daun (leaves), tangkai (stalk), tongkol (ear)	Africa: Kenya, Madagascar, Zimbabwe
60.	<i>Chnootriba similis</i> (Thunberg); (Syn. <i>Epilachna similis</i> (Thunberg)); (Coleoptera: Coccinellidae); maize ladybird, maize ladybird beetle, cereal	<i>Eragrostis tef</i> (teff), <i>Hordeum vulgare</i> (barli, barley), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum</i> spp., <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorghum, sorghum), <i>Triticum</i> , <i>Triticum</i>	batang (stems), daun (leaves)	Africa: Angola, Benin, Burkina Faso, Camereroon, Chad, Congo, DR Congo, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South

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	ladybird	<i>aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)		Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe Asia: Yemen
61.	<i>Cholus cattleyae</i> Champion, 1916; (Coleoptera: Curculionidae); cattleya weevil	anggrek (Orchidaceae)	seluruh bagian tanaman (whole plants)	America: USA
62.	<i>Chrysobothris femorata</i> Oliv.: (Coleoptera: Buprestidae); flatheaded apple-tree borer, apple tree borer	<i>Malus domestica</i> (apel, apple), <i>Prunus persica</i> (persik, peach), <i>Pyrus communis</i> (pir, pear), stone fruit	batang (stems), daun (leaves), tunas (buds)	America: Canada, USA
63.	<i>Chrysobothris mali</i> Horn.; (Coleoptera: Buprestidae); Pacific flatheaded apple tree borer	<i>Acer macrophyllum</i> , <i>Acer negundo</i> , <i>Acer pseudoplatanus</i> , <i>Acer rubrum</i> , <i>Acer saccharinum</i> , <i>Aesculus hippocastanum</i> , <i>Amelanchier alnifolia</i> , <i>Amelanchier arborea</i> , <i>Arbutus menziesii</i> , <i>Arctostaphylos canescens</i> , <i>Arctostaphylos viscida</i> , <i>Ceanothus cuneatus</i> , <i>Ceanothus dentatus</i> , <i>Ceanothus integerrimus</i> , <i>Ceanothus lemmonii</i> ,	batang (stems), daun (leaves), tunas (buds)	America: Canada, USA

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		<p><i>Ceanothus perplexans,</i> <i>Ceanothus prostratus,</i> <i>Ceanothus soledatus,</i> <i>Ceanothus velutinus,</i> <i>Cercocarpus betuloides,</i> <i>Cercocarpus ledifolius,</i> <i>Cercocarpus montanus,</i> <i>Corylus avellana, Corylus</i> <i>cornuta subsp. californica,</i> <i>Crataegus douglasii,</i> <i>Eriobotrya japonica,</i> <i>Eucalyptus globulus, Fagus</i> <i>sylvatica, Ficus carica,</i> <i>Frangula californica,</i> <i>Heteromeles arbutifolia,</i> <i>Juglans regia, Liriodendron</i> <i>tulipifera, Malus domestica</i> (apel, apple), <i>Malus sylvestris,</i> <i>Photinia serratifolia,</i> <i>Pickeringia montana,</i> <i>Platanus racemosa, Populus</i> <i>tremuloides, Prunus</i> <i>armeniaca, Prunus avium,</i> <i>Prunus cerasus, Prunus</i></p>		

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		<i>domestica, Prunus dulcis, Prunus emarginata, Prunus fremontii, Prunus ilicifolia, Prunus pendula, Prunus persica</i> (persik, peach), <i>Prunus serrulate, Prunus subcordata, Prunus virginiana, Pseudotsuga menziesii, Purshia stansburiana, Pyrus communis</i> (pir, pear), <i>Quercus agrifolia, Quercus gambelii, Ribes erythrocarpum, Ribes rubrum, Salix aucuparia, Ulmus americana, Ulmus glabra, Ulmus x hollandica, Vaccinium hybrids</i>		
64.	<i>Chrysodeixis includens</i> (Walker, 1858); (Syn. <i>Autographa oo</i> Stoll, <i>Autographa rogationis, Phalaena oo</i> Stoll, <i>Phytometra oo</i> Cramer,	<i>Abelmoschus esculentus</i> (okra), <i>Allium sativum</i> (bawang putih, garlic), <i>Amaranthus caudatus</i> (love-lies-bleeding), <i>Amaranthus hybridus</i> (smooth pigweed),	biji (seeds), daun (leaves), buah (fruits), seluruh bagian tanaman (whole plants)	America: Argentina, Bermuda, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Ecuador, Guyana, Honduras, Jamaica, Montserrat, Nicaragua, Peru, Puerto Rico,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Phytometra rogationis</i>, <i>Plusia binotula</i> Herrich-Schaffer 1868, <i>Plusia dyaus</i> Grote 1875, <i>Plusia hamifera</i> Walker 1858, <i>Plusia includens</i> Walker 1858, <i>Plusia oo</i> Stoll in Cramer 1782, <i>Plusia rogationis</i> Guenee, <i>Pseudoplusia includens</i> (Walker, 1858), <i>Pseudoplusia pertusa</i> Moschler 1880, <i>Pseudoplusia rogationis</i> (Guenee, 1852) <i>Pusia culta</i> Lintner 1885); (Lepidoptera: Noctuidae); soybean looper</p>	<p><i>Amaranthus</i> sp. (Amaranth), <i>Ananas comosus</i> (nenas, pineapple), <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kaang tanah, groundnut), <i>Asparagus officinalis</i> (asparagus), <i>Brassica oleraceae</i> (kubis, kubis bunga, cabbage, cauliflower), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Cajanus cajan</i> (pigeon pea), <i>Capsicum annuum</i> (cabai merah, paprika, bell-pepper), <i>Celosia cristata</i>, <i>Chenopodium album</i>, <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cyamopsis tetragonoloba</i>, <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i>, <i>Eryngium foetidum</i>, <i>Euphorbia pulcherrima</i>,</p>		<p>Saint Kitts and Nevis, Saint Lucia, USA, Venezuela, Virgin Islands Oceania: Australia</p>

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		<p><i>Gerbera jamesonii, Glycine max</i> (kedelai, soyabean), <i>Gossypium hirsutum,</i> <i>Halianthus annuus, Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lactuca sativa</i> (selada, lettuce), <i>Lepidium virginicum, Matthiola incana,</i> <i>Nasturtium officinale,</i> <i>Nicotiana rustica, Nicotiana tabacum</i> (tembakau, tobacco), <i>Pssiflora edulis</i> (passionfruit), <i>Peperomia obtusifolia, Persea americana</i> (alpukat, avocado), <i>Phaseolus lunatus</i> (lima bena), <i>Petroselinum crispum</i> (peterseli, parsley), <i>Philodendron sp., Portulaca oleracea,</i> <i>Pueraria montana var. lobata</i> (kudzu), <i>Saccharum officinarum,</i>(tebu, sugarcane), <i>Saintpaulia ionantha, Schefflera actinophylla</i> (umbrella tree),</p>		

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		<p><i>Senecio bicolor, Solanum mycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorghum), <i>Aster</i> sp., <i>Calendula officinalis</i> (pot marigold), <i>Bidens pilosa</i>, <i>Chrysanthemum moriflorum</i>, <i>Chrysanthemum</i> sp., <i>Clibadium surinamense</i>, <i>Conyza bonariensis</i>, <i>Conyza canadensis</i>, <i>Emilia fosbergii</i>, <i>Eupatorium</i> sp., <i>Galinsoga</i> sp., <i>Gerbera jamesonii</i> (African daisy), <i>Helianthus annuus</i>, (bunga matahari, sunflower), <i>Helianthus</i> spp., <i>Lactuca sativa</i> (selada, lettuce), <i>Lactuca serriola</i> (prickly lettuce), <i>Mikania cordifolia</i>, <i>Milleria quinqueflora</i>,</p>		

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		<i>Parthenium hysterophorus</i> , <i>Parthenium</i> sp., <i>Senecio cineraria</i> (dusty miller), <i>Spinacia oleracea</i> (bayam jepang, spinach), <i>Verbena</i> spp., <i>Zea mays</i> (jagung, corn, maize)		
65.	<i>Cicadulina latens</i> Fennah, 1959; (Hemiptera: Cicadellidae); maize leafhopper	<i>Zea mays</i> (jagung, corn, maize)	batang (stems), daun (leaves)	Africa: Cameroon, Ethiopia, Ghana, Gambia, Guinea, Ivory Coast, Kenya, Liberia, Mali, Nigeria, Senegal, Sudan, Somalia, Tanzania, Uganda
66.	<i>Cicadulina mbila</i> (Naude); (Syn. <i>Balclutha mbila</i> (Naude)); (Hemiptera: Cicadellidae); maize leafhopper	<i>Avena sativa</i> (oat, oat), <i>Cynodon</i> spp., <i>Digitaria sanguinalis</i> , <i>Eleusine coracana</i> , <i>Hordeum vulgare</i> (barli, barley), <i>Oryza glaberrima</i> , <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum</i> spp., <i>Paspalum conjugatum</i> , <i>Pennisetum</i> spp., <i>Pennisetum glaucum</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), serealea (cereal), <i>Sorghum</i>	batang (stems), daun (leaves)	Africa: Angola, Botswana, Burkina Faso, Cameroon, Cape Verde, Congo, Eswatini, Ethiopia, Gambia, Kenya, Mauritius, Mozambique, Namibia, Nigeria, Reunion, South Africa, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: India, Tajikistan, Yemen

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		<i>bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), <i>Zea perennis</i>		
67.	<i>Cicadulina storeyi</i> China; (Syn. <i>Cicadulina nicholsi</i> , <i>Cicadulina triangula</i> Ruppel); (Hemiptera: Cicadellidae); maize leafhopper	Poaceae, <i>Pennisetum glaucum</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), daun (leaves)	Africa: Ethiopia, Nigeria, Togo, Zimbabwe
68.	<i>Coccus alpinus</i> De Lotto. 1960; (Hemiptera: Coccidae); soft green scale	<i>Camellia</i> , <i>Carissa spinarum</i> , <i>Citrus limun</i> , <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> , <i>Coffea canephora</i> , <i>Ehretia cymosa</i> , <i>Gardenia</i> , <i>Gymnosporia</i> , <i>Psidium guajava</i> (jambu biji, guava)	batang (stems), ranting (branches), daun (leaves), buah (fruits)	Africa: Angola, Congo, DR Congo, Eritrea, Ethiopia, Kenya, Malawi, Tanzania, Uganda, Zimbabwe America: Brazil
69.	<i>Coccus elongatus</i> (Sanders, 1909); (Hemiptera: Coccidae); scale insect	<i>Albizia falcataria</i> (L.), <i>Albazia spp.</i> , <i>Acacia catechu</i> , <i>Acecia</i> , <i>elenoxylon</i> , <i>Coffee</i> spp. (Kopi, coffee)	batang (stems), ranting (branches), daun (leaves)	Africa: Angola, Benin, Botswana, Cameroon, Cape Verde, Egypt, Ethiopia, Kenya, Madagascar, Mauritius, Saint Helena, Sao Tome and Principe, Senegal, Seychelles, South Africa, Uganda, Zimbabwe America: Bermuda, Brazil,

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				Colombia, Cuba, Ecuador, Guadeloupe, Guatemala, Guyana, Honduras, Mexico, Puerto Rico, Saint Lucia, US Virgin Islands, USA Asia: China, India, Israel, Japan, Lebanon, Philippines, Saudi Arabia, Sri Lanka, Taiwan, Thailand Europe: Cyprus, France, Germany, Malta, Netherlands, United Kingdom Oceania: American Samoa, Australia, Cook Islands, Federated States of Micronesia, Fiji, French Polynesia, Guam, Kiribati, New Caledonia, New Zealand, Northern Mariana Islands, Salomon Islands, Tonga, Vanuatu
70.	<i>Coelaenomenodera elaeidis</i> Maulik, (Coleoptera: Chrysomelidae); hispid leafminer, oilpalm	<i>Borassus flabelifer</i> (lontar, toddy palm), <i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis</i> , <i>Pennisetum purpureum</i>	batang (stems), daun (leaves)	Africa: Angola, Benin, Botswana, Cameroon, Congo, DR Congo, Ghana, Ivory Coast, Ghana, Namibia, Nigeria, Sierra Leone,

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	leafminer	(rumpun gajah, elephant grass), <i>Roystonea regia</i> (palem raja, royal palm)		South Africa, Swaziland, Zambia, Zimbabwe
71.	<i>Conotrachelus nenuphar</i> (Herbst, 1797); (Syn. <i>Curculio nenuphar</i> Herbst, 1797, <i>Rhynchaenus argula</i> Fabricius, 1801, <i>Rhynchaenus cerasi</i> Peck, 1819); (Coleoptera: Curculionidae); plum curculio, American, plum weevil, peach curculio	<i>Cydonia oblonga</i> (kwinsi, quince), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Malus domestica</i> (apel, apple), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus japonica</i> , <i>Pyrus communis</i> (pir, pear), <i>Prunus persica</i> (persik, peach), <i>Prunus avium</i> , <i>Prunus domestica</i> (prem, plum), <i>Prunus cerasus</i> (ceri, cherry), other stone fruit, <i>Ribes</i> spp., <i>Vaccinium</i> spp., <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis rotundifolia</i>	buah (fruit), tanah (soil), plant debris	America: Canada, USA
72.	<i>Coptotermes acinaciformis</i> Froggatt; (Isoptera: Rhinotermitidae); <i>subterranean termite</i>	<i>Pinus radiata</i> , <i>Saccharum officinarum</i> (tebu, sugarcane)	Batang (stems), kayu (woods), akar (roots), media tanam (growing media associated with	Oceania: Australia

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			plants), tanah (soil)	
73.	<i>Coptotermes formosanus</i> Shiraki, 1909; (Syn. <i>Coptotermes formosae</i> Holmgren, 1911, <i>Coptotermes hongkongensis</i> Oshima, 1914, <i>Coptotermes intrudens</i> Oshima, 1920, <i>Coptotermes remotus</i> Silvestri, 1928, <i>Termes gestroi</i> Oshima, 1911, <i>Termes raffrayi</i> Matsumura, 1910); (Isoptera: Rhinotermitidae); Formosan subterranean termite, Formosan super termite, Formosan termite	<i>Acer rubrum</i> , <i>Chamaecyparis thyoides</i> , <i>Cinnamomum camphora</i> , Eucalyptus, <i>Fraxinus berlandieriana</i> , <i>Liquidambar styracifua</i> , <i>Picea engelmannii</i> , Pinus (pines), Quercus (oak), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Taxodium distichum</i>	batang (stems), kayu (woods), furniture	Africa: South Africa America: USA, US Virgin Islands Asia: China, Hong Kong, Israel, Japan, Macau, Pakistan, Taiwan Oceania: Marshall Islands, US Minor Outlying Islands
74.	<i>Coptotermes heimi</i> (Wasmann); (Isoptera: Rhinotermitidae)	<i>Ailanthus excelsa</i> , <i>Albizia lebeck</i> , <i>Azadirachta indica</i> (nimba, neem tree), <i>Bambusa bambos</i> , <i>Bauhinia variegata</i> , <i>Butea monosperma</i> , <i>Cassia fistula</i> , <i>Dalbergia sissoo</i> , <i>Erythrina</i>	Batang (stems), kayu (woods), akar (roots)	Asia: Bangladesh, India, Pakistan

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		<i>suberosa, Eucalyptus camaldulensis, Heterophragma adenophyllum, Jacaranda mimosifolia</i> (Brazilian rosewood), <i>Mangifera indica</i> (mangga, mango), <i>Morus alba</i> , <i>Pinus roxburghi</i> , <i>Populus euramericana</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Syzygium cumini</i> (jamblang, java plum), <i>Tectona grandis</i> (jati, teakwood)		
75.	<i>Corythucha marmorata</i> (Uhler, 1878); Syn. <i>Tingis marmorata</i> Uhler, 1878 (Hemiptera: Tingidae); chrysanthemum lace bug	<i>Chrysanthemum</i> spp. (krisan, chryasant)	batang (stems), daun (leaves), bunga (inflorescences)	America: Canada, Jamaica, Mexico, USA Asia: China, Japan, Taiwan Europe: Italy
76.	<i>Crioceris asparagi</i> (Linnaeus); (Coleoptera: Chrysomelidae); asparagus beetle	<i>Asparagus officinalis</i> (asparagus, asparagus)	batang (stems), daun (leaves), bunga (inflorescences)	America: Canada, USA Europe: Germany, Italy, Netherlands
77.	<i>Cydia pomonella</i> Linnaeus;	<i>Cydonia oblonga</i> (quince),	buah (fruits)	Africa: Algeria, Egypt, Libya,

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	(Syn. <i>Carpocapsa pomonana</i> Treitschke, <i>Carpocapsa pomonella</i> Linnaeus, <i>Enarmonia pomonella</i> Linnaeus, <i>Laspeyresia pomonella</i> Linnaeus, <i>Phalaena pomonella</i> Linnaeus); (Lepidoptera: Tortricidae); codling moth, walnut worm	<i>Juglans regia</i> (walnut), <i>Malus domestica</i> (apel, apple), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus communis</i> (pir, pear), <i>Zea mays</i> (jagung, corn, maize)		Mauritius, Morocco, South Africa, Tunisia America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Mexico, Peru, Uruguay, USA Asia: Afghanistan, Armenia, Azerbaijan, China, Georgia, India, Iran, Iraq, Israel, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Pakistan, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

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				Oceania: Australia, New Zealand
78.	<i>Cylas puncticollis</i> Boheman, 1833; (Syn. <i>Cylas compressus</i> Hartmann); (Coleoptera: Apionidae); sweet potato weevil, African sweet potato weevil	Abelmoschus, <i>Astripomoea lachnosperma</i> , Boerhavia, Celosia, <i>Coffea</i> spp. (kopi, coffee), Commelina, Corchorus, Hibiscus, <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea eriocarpa</i> , <i>Sesamum indicum</i> (wijen, sesame), <i>Vigna cylindrical</i> (kacang tunggak, long bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Zea mays</i> (jagung, corn, maize)	batang (stems (above ground), trunks/ shoots/ branches), daun (leaves), umbi (bulbs, tubers), akar (roots)	Africa: Benin, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, DR Congo, Ethiopia, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mozambique, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, Sudan, Tanzania, Uganda, Zambia
79.	<i>Dacus ciliatus</i> Loew; (Syn. <i>Dacus appoxanithus</i> var. <i>decolor</i> Bezzi, <i>Dacus brevistylus</i> Bezzi, <i>Dacus coccinae</i> Premlata & Singh, <i>Dacus insistens</i> Curran, <i>Dacus Sigmoides</i> Coquillett, <i>Didacus ciliates</i> (Loew), <i>Leptoxyda ciliate</i> (Loew), <i>Tridacus mallyi</i> Munro	<i>Citrullus colocynthis</i> , <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus sinensis</i> , <i>Coccinia trilobata</i> , <i>Corallocarpus ellipticus</i> , <i>Cucumis aculeatus</i> , <i>Cucumis africanus</i> , <i>Cucumis dipsaceus</i> , <i>Cucumis melo</i> , <i>Cucumis metuliferus</i> , <i>Cucumis myriocarpus</i> ,	buah (fruits), media tanam (growing media associated with plants), tanah (soil)	Africa: Angola, Benin, Bostwana, Burkina Faso, Burundi, Cameroon, Comoros, DR Congo, Egypt, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Lesotho, Malawi, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, Saint Helena, Senegal, Sierra Leone,

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	[nomen nudum]; (Diptera: Tephritidae); lesser melon fly, lesser pumpkin fly	<i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> , <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), Cucurbitaceae, <i>Kedrostis foetidissima</i> , <i>Kedrostis leloja</i> , <i>Lagenaria siceraria</i> , <i>Luffa acutangula</i> , <i>Luffa aegyptiaca</i> , <i>Mangifer indica</i> (mangga, mango), <i>Momordica balsamina</i> , <i>Momordica charantia</i> (paria, bitter gourd), <i>Momordica rostrata</i> , <i>Peponium mackenii</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine), <i>Trichosanthes cucumerina</i> var. <i>anguinea</i>		Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: Bangladesh, India, Iran, Iraq, Jordan, Nepal, Oman, Pakistan, Sri Lanka, Saudi Arabia, United Arab Emirates, Turkey, Yemen
80.	<i>Delia antiqua</i> Meigen; (Syn. <i>Anthomyia antiqua</i> , <i>Anthomyia ceparum</i> , <i>Chortophila antiqua</i> , <i>Delia cepetorum</i> , <i>Hylemya antiqua</i> , <i>H. ceparum</i> ,	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> var. <i>Aggregatum</i> (bawang merah, shallot), <i>Allium porrum</i> (bawang prei,	batang (stems), daun (leaves), umbi (bulbs, tubers, corms, rhizomes), media tanam (growing media associated with	Africa: Egypt America: Antigua and Barbuda, Brazil, Canada, Colombia, Costa Rica, Mexico, USA Asia: Armenia, China, DPR Korea (North Korea), Georgia,

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	<i>Leptohylemyia antique</i> , <i>Pegomyia ceparum</i> , <i>Pegomyia cepetorum</i> , <i>Phorbia ceparum</i> , <i>Phorbia cepetorum</i> , <i>Phorbia antiqua</i>); (Diptera: Anthomyiidae); onion maggot, onion fly	leek), <i>Allium fistulosum</i> , <i>Allium sativum</i> (bawang putih, garlic), <i>Allium schoenoprasum</i> , <i>Allium</i> spp.	plants), tanah (soil), akar (roots)	India, Iran, Iraq, Israel, Japan, Kazakhstan, Mongolia, Philippines, Republic of Korea (South Korea), Turkey Europe: Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, United Kingdom
81.	<i>Delia arambourgi</i> (Seguy); (Syn. <i>Delia dispar</i> (BEZZI), <i>Hylemya dispar</i> (BEZZI), <i>Hylemya arambourgi</i> Seguy); (Diptera: Anthomyiidae); barley fly	<i>Saccharum officinarum</i> (tebu, sugarcane), serealia lainnya (other cerealia), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), daun (leaves), akar (roots), media tanam (growing media associated with plants), tanah (soil)	Africa: Ethiopia
82.	<i>Delia platura</i> (Meigen); (Syn. <i>Anthomyia cana</i> , <i>Anthomyia Corelia</i> ,	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (garlic), <i>Allium ascalonicum</i> (bawang	biji (true seeds (inc. grain)), akar (roots), media tanam (growing	Africa: Algeria, Egypt, Ethiopia, Kenya, Libya, Madagascar, Morocco, Rwanda, Saint Helena,

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	<p><i>Anthomyia</i> <i>deceptiva</i>, <i>Anthomyia</i> <i>diversa</i>, <i>Anthomyia</i> <i>funesta</i>, <i>Anthomyia</i> <i>lanicrus</i>, <i>Anthomyia</i> <i>perrima</i>, <i>Anthomyia</i> <i>platura</i>, <i>Anthomyia</i> <i>platygaster</i>, <i>Anthomyia</i> <i>radicum</i> var. <i>Calopteni</i>, <i>Anthomyia</i> <i>raphani</i>, <i>Anthomyia</i> <i>rubifrons</i>, <i>Anthomyia</i> <i>sergia</i>, <i>Anthomyia</i> <i>tinia</i>, <i>Anthomyia</i> <i>trifilis</i>, <i>Anthomyia</i> <i>tyana</i>, <i>Anthomyia</i> <i>viana</i>, <i>Anthomyia</i> <i>zeas</i>, <i>Aricia</i> <i>fusciceps</i>, <i>Chortophila</i> <i>cana</i>, <i>Chortophila</i> <i>deceptiva</i>, <i>Chortophila</i> <i>prisca</i>, <i>Chortophila</i> <i>rubifrons</i>, <i>Chortophila</i> <i>spinipes</i>, <i>Chortophila</i> <i>trifilis</i>, <i>Delia</i> <i>cilicrura</i>, <i>Delia</i> <i>prisca</i>, <i>Dialyta</i> <i>cupreifrons</i>, <i>Eriphia</i> <i>marginata</i>, <i>Homalomyia</i></p>	<p>merah, shallot), <i>Asparagus</i> <i>officinalis</i> (asparagus, asparagus), <i>Beta vulgaris</i> (bit, beetroot), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> <i>capitata</i> (kubis, cabbage), <i>Citrullus lanatus</i>, <i>Citrullus</i> <i>vulgaris</i> (semangka, watermelon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> <i>hirsutum</i>, <i>Hordeum vulgare</i> (barli, barley), <i>Juniperus na</i>, <i>Larix laricina</i>, <i>Nicotiana</i> <i>tabacum</i> (tembakau, tobacco), <i>Phaseolus lunatus</i>, <i>Phaseolus</i> <i>coccineus</i>, <i>Pinus merkusii</i> (<i>tusam</i>, <i>pinetree</i>) <i>albus</i>, <i>Pisum sativum</i> (kapri, sweet pea), <i>Raphanus sativus</i> (lobak, radish), <i>Solanum</i> <i>tuberosum</i> (kentang, potato),</p>	<p>media associated with plants), tanah (soil)</p>	<p>South Africa, Sudan, Tanzania, Tunisia, Uganda, Zimbabwe America: Argentina, Bermuda, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Ecuador, Greenland, Mexico, Peru, Uruguay, USA, Uruguay, Venezuela Asia: Armenia, Azerbaijan, China, DPR Korea (North Korea), Georgia, Hong Kong, India, Iran, Iraq, Israel, Japan, Kazakhstan, Lebanon, Nepal, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Taiwan, Turkey, Uzbekistan, Yemen Europe: Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Faroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Montenegro, Netherlands,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>rava, Hylemya cana, Hylemya deceptiva, Hylemya fusciceps, Hylemya platura, Hylemya prisca, Hylemya spinipes, Hylemya trifilis, Pegomyia fusciceps, Phorbia cilicrura, Phorbia Fusciceps, Phorbia novazealandica, Phorbia prisca, Phorbia spinipes, Hylemya Cilicrura, Chortophila cilicrura, Phorbia platura</i>); (Diptera: Anthomyiidae); corn seed maggot, bean seed fly, seed potato maggot</p>	<p><i>Spinacia oleracea</i> (bayam, spinach), <i>Triticum aestivum</i> (gandum, wheat), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Vicia faba, Vigna</i> spp. (buncis, cowpea), <i>Zea mays</i> (jagung, corn, maize)</p>		<p>Norway, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
83.	<p><i>Delia radicum</i> Linnaeus; (Syn. <i>Anthomyia brassicae, A. radicum, Aricia villipes, Chortophila appendiculata, Chortophila floccosa, Chortophila frontalis, Delia brassicae, Eustalomyia brassicae, Hylemya brassicae, Hylemya</i></p>	<p><i>Armoracia rusticana, Brassica oleracea capitata</i> (kubis, cabbage), <i>Brassica oleracea, Brassica oleracea</i> var. <i>gemmifera, Brassica oleracea</i> subsp. <i>italica, Brassica napus</i> var. <i>napobrassica, Brassica rapa</i> subsp. <i>pekinensis, Cruciferae, Matthiola</i> spp.,</p>	<p>batang (stems (above ground), shoots, trunks, branches, daun (leaves), akar (roots), media tanam (growing media associated with plants, tanah (soil)</p>	<p>Africa: Algeria, Morocco America: Canada, USA Asia: Armenia, China, Georgia, Israel, Kazakhstan, Turkey, Uzbekistan Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia Denmark, Estonia,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>brassicae, Musca radicum, Pegomya brassicae, Erioischia brassicae, Chortophila brassicae, Phorbia brassicae</i> ; (Diptera: Anthomyiidae); cabbage maggot, cabbage root fly, radish fly	<i>Raphanus sativus</i> (lobak, radish)		Finland, France, Germany, Hungary, Iceland, Ireland, Italy, Latvia, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
84.	<i>Dendroctonus ponderosae</i> Hopkins, 1902; (Syn. <i>Dendroctonus monticolae</i> Hopkins, 1905); (<i>Coleoptera: Scolytidae</i>); black hills beetles, pine beetle, mountain pine beetles	<i>Pinus</i> spp.	batang (stems (above ground), shoots, trunks), ranting (branches), kayu (woods), kulit kayu (bark)	America: Canada, Mexico, USA
85.	<i>Diabrotica speciosa</i> (German, 1842) (Syn. <i>Diabrotica amabilis</i> Bally 1886, <i>Diabrotica hexaspilota</i> Baly 1886, <i>Diabrotica simoni</i> Jacoby 1889, <i>Diabrotica simulans</i>	<i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Beta vulgaris</i> (bit, beetroot), Brassica, Brassicaceae (cruciferous crops), <i>Capsicum</i> (peppers), Citrus, Cucumis (melons, cucumbers, gerkins),	buah (fruits), batang (stems), bunga (inflorescence), akar (roots), daun (leaves), seluruh bagian tanaman (whole plants)	America : Argentina, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Ecuador, French Guiana, Mexico, Panama, Paraguay, Peru, Puerto Rico, Uruguay, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Bally 1886, <i>Diabrotica vigens</i> Erichson 1847, <i>Galeruca speciosa</i> Germar 1824); (Coleoptera: Chrysomelidae); cucurbit beetle	<i>Cucurbita maxima</i> (giant pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), Cucurbitaceae (cucurbits), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Gossypium hirsutum</i> (Bourbon cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Lactuca sativa</i> (selada, lettuce), <i>Lagenaria siceraria</i> (labu botol, bottle gourd), <i>Luffa aegyptiaca</i> (loofah), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), Phaseolus (beans), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, pea), <i>Prunus persica</i> (persik, peach), <i>Sechium edule</i> (chayote), <i>Solanum lycopersicum</i> (tomat, tomato),		

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		<i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum</i> (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, maize, corn)		
86.	<i>Diabrotica undecimpunctata</i> Mannerheim; (Syn. <i>Chrysomela duodecimpunctata</i> , <i>Crioceris sexpunctata</i> , <i>Diabrotica duodecimpunctata</i> , <i>Diabrotica soror</i> , <i>Diabrotica undecimpunctata</i> subsp. Howardi Barber); (Coleoptera: Chrysomelidae); spotted cucumber beetle, southern corn rootworm, spotted cucumber beetle, western spotted cucumber beetle	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Chenopodium quinoa</i> , <i>Citrullus vulgaris</i> (semangka, watermelon), <i>Citrullus lanatus</i> , <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Glycine max</i> (kedelai, soyabean), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Vigna</i> spp. (buncis, cowpea), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), akar (roots), daun (leaves), bunga (flowers, inflorescences, cones, calyx), media tanam (growing media associated with plants)	America: Canada, El Salvador, Guatemala, Mexico, Nicaragua, USA Europe: Sweden Oceania: Guam
87.	<i>Diaprepes abbreviatus</i>	<i>Aeschynomene americana</i> ,	akar (roots), batang	America: Antigua and Barbuda,

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	(Linnaeus, 1758); (Syn. <i>Curculio abbreviatus</i> Linnaeus, 1758, <i>Diaprepes festinus</i> (Fabricius, 1792), <i>Diaprepes irregularis</i> (Panzer, 1798), <i>Diaprepes quadrilineatus</i> (Olivier, 1807), <i>Exophthalmus abbreviatus</i>); (Coleoptera: Curculionidae); citrus weevil, sugarcane rootstalk borer weevil, citrus weevil, sugarcane rootstalk borer weevil, West Indian weevil, West Indian sugarcane root borer, West Indian weevil	<i>Aloe vera</i> , <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Ardisia crispa</i> , <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Canavalia gladiata</i> , <i>Capsicum annuum</i> (cabai besar, bell-pepper), <i>Cedrela odorata</i> , <i>Ceiba pentandra</i> (kapuk, kapok), <i>Centrosema pubescens</i> , <i>Chrysobalanus icaco</i> , <i>Chrysophyllum cainito</i> , <i>Canocarpus erectus</i> , <i>Crotalaria</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Coffea</i> spp. (kopi, coffee), <i>Dioscorea</i> spp., <i>Dimocarpus longan</i> , <i>Dioscorea</i> , <i>Diospyros virginiana</i> , <i>Dizygotheca elegantissima</i> , <i>Eriobitrya japonica</i> , <i>erythrina barteroana</i> , <i>Erythrina poeppigiana</i> , <i>Eugenia uniflora</i> ,	(stems), daun (leaves)	Barbados, British Virgin Islands, Costa Rica, Dominica, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, USA, US Virgin Islands Europe: Portugal, Spain, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Faramea occidentalis, Gladiolus hybrids, Gliricidia sepium, Guaiacum officinale, Hoya carnosa, Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Jatropha curcas, Juniperus conferta, Juniperus virginiana, Lablab purpureus, Lagerstromia speciosa, Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Maranta leuconeura, Mucuna pruriens, Manihot esculenta</i> (ubi kayu, cassava), <i>Musa</i> spp. (pisang, banana), <i>Nephelium lappaceum</i> (rambutan, rambutan), <i>Persea americana</i> (alpukat, avocado), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Psidium guajava</i></p>		

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		(jambu biji, guava), <i>Rhizophora mangle</i> , <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Schinus terebinthifolius</i> , <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Spondias mombin</i> , <i>Spondias purpurea</i> , <i>Swietenia macrophylla</i> , <i>Swietenia mahagoni</i> , <i>Syzygium jambos</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Terminalia catappa</i> (ketapang, Indian almond), <i>Urena lobata</i> , <i>Ximenia americana</i> , <i>Zanthoxylum</i> , <i>Theobroma cacao</i> (kakao, cocoa), <i>Zea mays</i> (jagung, corn, maize)		
88.	<i>Diaspis boisduvalii</i> Signoret; (Syn. <i>Aulacaspis boisduvalii</i> ,	<i>Ananas comosus</i> (nanas, pineapple), <i>Acoelorrhaphe</i> ,	batang (stems), daun (leaves), stalk (khusus	America: Antigua and Barbuda, Barbados, Bermuda, Brazil,

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	<i>Diaspos palmarum</i>); (Hemiptera: Diaspididae); boisduval scale, coconut snow scale, orchid, scale, pineapple scale	<i>Acrocomia, Archontophoenix,</i> <i>Areca, Bactris, Butia, Cocos</i> <i>nucifera</i> (kelapa, coconut), <i>Musa</i> spp. (pisang, banana), Caryota, Chamaedorea, Chamaerops, Corypha, Dictyosperma, Dypsis, Elaeis, Euterpe, Howea, Hyophorbe, Latania, Livistona, Nannorrhops, Phoenix, Ptychosperma, Rhapidophyllum, Raphis, Roystonea, Sabal, Syagrus, Thrinax, Trachycarpus, Washingtonia, Acineta, Angraecum, Anguloa, Bletia, Brassavola, Brassia, Brassocattleya, Broughtonia, Bulbophyllum, Cattleya, Caularthron, Coelogyne, Cycnoches, Cymbidium,, Dendrobium, Encyclia,, Epidendrum, Laelia, Maxillaria, Miltonia, Neofinetia,	<i>A. comosus</i>)	Dominica, French Guiana, Guadeloupe, Guyana, Jamaica, Martinique, Mexico, Puerto Rico, Saint Kitts and Nevis Asia: India, Taiwan Europe: Bulgaria, Croatia, Czechia, France, Italy, Slovenia Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		Odontoglossum, Oncidium, Ornithidium, Peristeria, Pleurothallis, Renanthera, Rhynchostylis, Schomburgkia, Sophronitis, Stanhopea, Trichopilia, Vanda, Xylobium, <i>Agave</i> sp., <i>Mangifera indica</i> (mangga, mango), <i>Schinus</i> sp., <i>Hedera helix</i> , <i>Baccharis</i> sp., Aechmea, Ananas, Aregelia, Billbergia, Bromelia, Catopsis, Guzmania, Neoglaziovia, Pitcairnia, Puya, Ronnbergia, Tillandsia, Vriesia, Cactaceae, Cyperaceae, Acacia, Baikiaea, Cassia, Leucaena, Heliconiaceae, <i>Persea</i> sp., Liliaceae, <i>Ficus</i> sp., <i>Musa</i> sp., <i>Rosa</i> sp., Coffea, Dracaena, Citrus, <i>Vitis</i> sp.		
89.	<i>Diaspis echinocacti</i> (Bouché) (Syn. <i>Diaspis calyptroides</i>); (Hemiptera: Diaspididae);	Acanthocereus, Ancistrocactus, Ariocarpus, Astrophytum, Boehmeria,	batang (stems), buah (fruits), semua bagian tanaman di atas	Africa: Algeria, Cameroon, Cape Verde, Egypt, Guinea, Kenya, Madagascar, Mauritius,

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	cactus, scale	Brasiliopuntia brasiliensis, Cactacea, Carnegiea, Cassia, Cephalocereus, Cereus, Copiapoa, Chuquiraga, Corryocactus, Coryphantha, Dendrocereus, Dypsis lutescens, Echinocactus, Echinocereus, Echinopsis, Epiphyllum, Ferocactus, Gymnocalycium, Harrisia, Hatiora, Hylocereus, Lithops, Mammillaria, Melocactus, Myrtillocactus, <i>Nopalea cochenillifera</i> , <i>Opuntia</i> spp., <i>Opuntia cochonillifera</i> , Pachycereus, Pelecyphora, Peniocereus, Pereskia, Pterocactus, Portulaca, Pterocactus, Schlumbergera, Sclerocactus, Selenicereus, Thelocactus, Trichocereus, Weberocereus, Cotyledon, <i>Diospyrus abyssinica</i> , Cassia,	permukaan tanah (all aerial parts of the plant)	Morocco, Mozambique, Reunion, South Africa, Tunisia Asia: Armenia, China, Georgia, India, Iran, Iraq, Israel, Japan, Pakistan, Republic of Korea (South Korea), Taiwan, Turkey, Turkmenistan, Vietnam Europe: Croatia, Cyprus, Czechia, Denmark, France, Germany, Gibraltar, Greece, Hungary, Italy, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Russia, Spain, United Kingdom America: Antigua and Barbuda, Argentina, Bahamas, Brazil, Chile, Cuba, Curacao, Guyana, Haiti, Jamaica, Mexico, Peru, Puerto Rico, Trinidad and Tobago, USA, US Virgin Islands, Uruguay, Venezuela Oceania: Australia, New Caledonia, Papua New Guinea

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Boehmeria caudata</i> , <i>Zygophyllum</i>		
90.	<i>Diatraea saccharalis</i> Fabricius; (Syn. <i>Chilo obliteratedellus</i> , <i>Crambus leucaniellus</i> , <i>C. lineosellus</i> , <i>C. sacchari</i> , <i>Diatraea continens</i> , <i>D. crambidoides</i> , <i>D. pedidocata</i> , <i>D. saccharalis</i> va <i>grenadensis</i> , <i>D. sacchari</i> , <i>D. sacchari</i> f. <i>brasiliensis</i> , <i>Phalaena saccharalis</i> , <i>D. obliteratedella</i> , <i>D. obliteratedellus</i> , <i>D. incomparella</i>); (Lepidoptera: Crambidae); sugarcane stalk borer, sugarcane borer, sugarcane moth borer, American sugarcane borer, small moth borer, small sugarcane moth borer	<i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum dichotomiflorum</i> , Paspalum, <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> , <i>Zea mays</i> (jagung, corn, maize)	batang (stems), daun (leaves)	America: Antigua and Barbuda, Argentina, Barbados, Belize, Bolivia, Brazil, British Virgin Islands, Colombia, Costa Rica, Cuba, Dominica, Ecuador, El Salvador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, US Virgin Islands, Uruguay, Venezuela

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91.	<i>Diopsis longicornis</i> Macquart; (Syn. <i>Diasemopsis macrophtalma</i> (Dalman), <i>Diopsis macrophtalma</i> Dalm, <i>Diopsis thoracica</i> Westwood); (Diptera: Diopsidae); stalk-eyed fly	<i>Oryza sativa</i> (padi, paddy, rice)	batang (stems), daun (leaves)	Africa: Benin, Cameroon, Ghana, Guinea, Ivory Coast, Kenya, Malawi, Nigeria, Sierra Leone, Tanzania, Togo, Zimbabwe Asia: India, Philippines
92.	<i>Diorymerellus laevimargo</i> Champion, 1916; (Coleoptera: Curculionidae); orchid weevil	Orchidaceae (anggrek, orchid)	batang (stems), daun (leaves), bunga (flowers)	America: Argentina, Bolivia, Brazil, Colombia, Chile, Dominican Republic, Ecuador, French Guiana, Paraguay, Peru, Uruguay, Venezuela
93.	<i>Diparopsis castanea</i> Hampson, 1902; (Syn. <i>Diparopsis watersi</i> Rothschild); (Lepidoptera: Noctuidae); red bollworm, red Sudan bollworm, red Sudan cotton worm, red cotton bollworm	<i>Cefenfuegosia heldebrandii</i> , <i>Gossypium barbadens</i> (kapas, cotton), <i>Gossypioides kirkii</i> , <i>Thespesia</i> spp.	batang (stems), daun (leaves), buah (fruit), biji (benih)	Africa: Botswana, Eswatini, Malawi, Mozambique, South Africa, Tanzania, Zambia, Zimbabwe
94.	<i>Distantiella theobroma</i> (Distant);	<i>Adansonia digitata</i> , <i>Ceiba pentandra</i> (kapuk randu,	batang (stems), daun (leaves), buah (fruits),	Africa: Cameroon, Congo, Ghana, Ivory Coast, Nigeria,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Hemiptera: Miridae); cocoa capsid, brown capsid, cocoa capsid stem sapper	kapok), <i>Citrus</i> spp. (jeruk, orange), <i>Theobroma cacao</i> (kakao, cocoa)	pucuk tanaman (tips, buds)	Sierra Leone, Togo
95.	<i>Drosophila suzukii</i> Matsumura; (Syn. <i>Drosophila</i> (<i>Sophophora</i>) <i>suzukii</i> (Matsumura), <i>Drosophila</i> <i>suzukii</i> (Matsumura) Kanzawa); (Diptera: Drosophilidae); cherry fruit fly, spotted wing drosophila, spotted-wing drosophila	Actinidia, <i>Actinidia arguta</i> (tara vine), Ampelopsis, <i>Ampelopsis brevipedunculata</i> (Amur amelopsis), <i>Arbutus</i> <i>unedo</i> (arbutus), <i>Aucuba</i> <i>japonica</i> (Japanese aucuba), Cornus (Dogwood), <i>Diospyros</i> <i>kaki</i> (persimmon), <i>Diospyros</i> <i>virginiana</i> (persimmon (common)), <i>Elaeagnus</i> <i>multiflora</i> (cherry silverberry), <i>Elaeagnus umbellata</i> (autumn olive), <i>Eugenia uniflora</i> (Surinam cherry), <i>Ficus</i> , <i>Ficus</i> <i>carica</i> (common fig), <i>Fragaria</i> (strawberry), <i>Fragaria</i> <i>ananassa</i> (strawberry), <i>Frangula alnus</i> (alder buckthorn), <i>Gaultheria</i> <i>adenothrix</i> , <i>Lindera benzoin</i> (spicebush), <i>Lonicera</i>	buah (fruits), bunga (flowers)	Africa: Algeria, Comoros, Kenya, Mayotte, Morocco, Reunion, South Africa America: Argentina, Brazil, Canada, Chile, Mexico, USA, Uruguay Asia: Bangladesh, China, Georgia, DPR Korea (North Korea), India, Iran, Israel, Japan, Myanmar, Pakistan Republic of Korea (South Korea), Taiwan, Thailand, Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(honeysuckles), <i>Lonicera caerulea</i> , <i>Malus domestica</i> (apel, apple), <i>Morus</i> (mulberrytree), <i>Morus alba</i> (mora), <i>Morus bombycis</i> (Japanese mulberry), <i>Morus rubra</i> (red mulberrytree), <i>Murraya paniculata</i> (orange jessamine), <i>Myrica rubra</i> , <i>Phytolacca americana</i> (pokeweed), <i>Prunus</i> (stone fruit), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus japonica</i> (Japanese bush cherry tree), <i>Prunus laurocerasus</i> (cherry laurel), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus mume</i> (Japanese apricot tree), <i>Prunus nipponica</i> , <i>Prunus persica</i> (peach), <i>Prunus persica</i> var. <i>nucipersica</i>		Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: French Polynesia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(nektarin, nectarine), <i>Prunus sargentii</i> (sargent's cherry), Ribes (currants), Rubus (blackberry, raspberry), <i>Rubus armeniacus</i> (Himalayan blackberry), <i>Rubus fruticosus</i> (blackberry), <i>Rubus hirsutus</i> , <i>Rubus idaeus</i> (raspberry), <i>Rubus laciniatus</i> (cutleaf blackberry), <i>Rubus loganobaccus</i> (loganberry), <i>Rubus spectabilis</i> (salmonberry), <i>Rubus triphyllus</i> , <i>Rubus ursinus</i> (boysenberry), Sambucus nigra (elder), <i>Solanum dulcamara</i> (bittersweet nightshade), <i>Solanum luteum</i> , <i>Symphoricarpos albus</i> (common snowberry), <i>Taxus baccata</i> (English yew), Vaccinium (blueberries), <i>Vaccinium angustifolium</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(Lowbush blueberry), <i>Vaccinium corymbosum</i> (blueberry), <i>Vaccinium myrtillus</i> (blueberry), <i>Viscum album</i> (mistletoe), <i>Vitis</i> (grape), <i>Vitis labrusca</i> (fox grape), <i>Vitis vinifera</i> (grapevine)		
96.	<i>Duponchelia fovealis</i> (Zeller, 1847) (Syn. <i>Decticogaster komiensis</i> Ghesquière, 1942, <i>Duponchelia caidalis</i> Oberthür, 1888, <i>Duponchelia floeschlalis</i> Legrand, 1965, <i>Duponchelia eanuisalis</i> Millièrè, 1869, <i>Hymenia griseata</i> Butler, 1875, <i>Stenia canuisalis</i> Millièrè, 1868, <i>Stenia uniflexalis</i> Mabilè, 1879) (Lepidoptera: Pyralidae)	<i>Alternanthera splendid</i> , <i>Alternanthera rosaefolia</i> , <i>Apium graveolens</i> (seledri, celery), <i>Bacopa lanigera</i> , <i>Begonia elatior</i> , <i>Bellis perennis</i> , <i>Beta vulgaris</i> (bit, beetroot), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Chenopodium album</i> , <i>Convolvulus arvensis</i> , <i>Cuphea hyssopifolia</i> , <i>Echinodorus tropica</i> , <i>Echinodorus parviflorus</i> , <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Eustoma grandiflorum</i> , <i>Ficus</i>	buah (fruits), batang (stems), daun (leaves), tanah (soil)	Africa: Algeria, Botswana, Egypt, Eswatini, Kenya, Liberia, Madagascar, Morocco, Mozambique, Namibia, Seychelles, South Africa, Tanzania, Zimbabwe America: Brazil, Mexico, USA Asia: Iraq, Israel, Pakistan, Saudi Arabia, Republic of Korea (South Korea), Syria, Turkey Europe: Albania, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Finland, France, Germany, Gibraltar, Greece, Hungary, Italy, Malta,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	European pepper moth, southern European marsh pyralid	<i>triangularis, Hyeronima alchorneoides, Hygrophila rubella, Ludwigia glandulosa, Ludwigia perennis, Malva sylvestris, Mentha pulegium, Nesaea pedicellata, Ocimum basilicum</i> (kemangi, basil), <i>Origanum majorana, Oxalis acetosella, Plantago lanceolata, Portulaca oleracea, Punica granatum, Ranunculus repens, Rotala macranda, Rotala wallichii, Rubus fruticosus, Solanum lycopersicum</i> (tomat, tomato), Amaranthus, Anemone, Annona, Anthurium, Bouvardia, Calathea, Chrysanthemum, Cineraria, Codiaeum, Coleus, Cucumis, Cucurbita, Cyclamen, Fragaria, Gerbera, Heuchera, Impatiens, Kalanchoe, Lactuca, Limonium,		Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Serbia, Slovenia, Spain, Sweden, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		Lysimachia, Ophiopogon, Pelargonium, Rhododendron , Rosa, Rumex, Sambucus, Sarracenia, Senecio, Tanacetum, Thymus, Ulmus, Zea, Aponogeton, Cryptocoryne		
97.	<i>Elasmopalpus lignosellus</i> Zeller, 1848; (Syn. <i>Dasyphyga carbonella</i> Hulst, <i>Elasmopalpus anthracellus</i> Ragonot 1888, <i>E. carbonella</i> (Hulst 1888), <i>E. incautella</i> (Zeller 1872), <i>E. major</i> Zeller 1874), <i>E. puer</i> Dyar, 1919, <i>E. tartarella</i> (Zeller 1872), <i>Pempelia lignosella</i> Zeller, <i>Selebria lignosella</i> Zeller); (Lepidoptera:Pyralidae); lesser corn stalk borer, sugarcane jumping borer	<i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cornus florida</i> (Flowering dogwood), <i>Cyperus esculentus</i> (yellow nutsedge), <i>Digitaria sanguinalis</i> (large crabgrass), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Linum usitatissimum</i> (flax) <i>Oryza sativa</i> (padi, paddy, rice), <i>Phaseolus</i> (beans),	Tanaman (plants), buah (fruits), batang (stems), cabang (branches)	America: Argentina, Barbados, Bermuda, Brazil, Chile, Colombia, Costa Rica, Cuba, El Savador, French Guiana, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Trinidad and Tobago, USA, Uruguay, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pinus</i> (pines), <i>Platanus occidentalis</i> (sycamore), <i>Robinia pseudoacacia</i> (black locust), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Taxodium distichum</i> (bald cypress), <i>Triticum</i> (wheat), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Zea mays</i> (jagung, corn, maize)		
98.	<i>Eldana saccharina</i> Walker, 1865; (Syn. <i>Eldana conipyga</i> Strand, 1912); (Lepidoptera: Pyralidae); sugarcane stalk borer, African sugarcane borer	<i>Cyperus</i> (flatsedge), <i>Cyperus alternifolius</i> , <i>Cyperus digitatus</i> , <i>Megathyrsus maximus</i> , <i>Oryza sativa</i> (padi, paddy, rice), <i>Phragmites australis</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum,	batang (stems), daun (leaves)	Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Chad, Congo, DR Congo, Equatorial Guinea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea-Bissau, Guinea, Ivory Coast, Kenya, Liberia, Madagascar, Malawi,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		sorghum), <i>Typha latifolia</i> , <i>Zea mays</i> (jagung, corn, maize)		Mali, Mozambique, Niger, Nigeria, Reunion, Rwanda, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zimbabwe Asia: Saudi Arabia
99.	<i>Empoasca onukii</i> Matsuda; (Hemiptera: Cicadellidae); tea green leafhopper	<i>Camellia sinensis</i> (teh, tea)	batang (stems), daun (leaves)	Asia: China, Japan, Taiwan, Thailand
100.	<i>Epicauta albovittata</i> Gestro, 1878; (Coleoptera: Meloidae); stripped blister beetle	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper, hot pepper, chilies, red pepper), <i>Glycine max</i> (kedelai, soyabean), Solanaceae	batang (stems), daun (leaves), buah (fruits)	Africa: Kenya
101.	<i>Epicauta vittata</i> (Fabricius); (Coleoptera: Meloidae); stripped blister beetle	<i>Solanum tuberosum</i> (kentang, potato)	batang (stems), daun (leaves), buah (fruits)	Africa: DR Congo America: Bolivia, USA
102.	<i>Epilachna varivestis</i> Mulsant, 1850; (Syn. <i>Epilachna corrupta</i> Mulsant, 1850, <i>Epilachna</i>	<i>Citrus aurantifolia</i> , <i>Glycine max</i> (kedelai, soyabean), <i>Lablab purpureus</i> (hyacinth bean), <i>Medicago sativa</i> (alfalfa,	batang (stems), daun (leaves), polong (pods)	Asia: Japan America: Canada, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico,

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	<i>Maculiventris</i> Bland, 1864); (Coleoptera: Coccinellidae); Mexican bean beetle, bean ladybeetle, bean ladybird	Lucerne), <i>Melilotus albus</i> (honey clover), <i>Phaseolus</i> <i>acutifolius</i> , <i>Phaseolus</i> <i>lunatus</i> , <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Vigna</i> <i>unguiculata</i> (kacang panjang, cowpea)		USA
103.	<i>Ernobius mollis</i> (Linnaeus); (Syn. <i>Anobium mollis</i> L.) (Coleoptera: Anobiidae); pine bark anobiid	<i>Picea abies</i> , Pinus	batang (stems), kayu (woods), kulit kayu (barks)	America: Chile, USA Europe: Italy, Portugal, Spain Oceania: Australia, New Zealand
104.	<i>Eulecanium tiliae</i> (Linnaeus, 1758); (Syn. <i>Calypticus fasciatus</i> Costa, 1829, <i>Coccus aceris</i> Fabricius, 1794, <i>Coccus</i> <i>aceris campestris</i> Schrank, 1801, <i>Coccus aesculi</i> Kollar, 1848 (nomen nudum), <i>Coccus alni</i> Modeer, 1778, <i>Coccus capreae</i> Linnaeus, 1767, <i>Coccus coryli</i> Linnaeus, 1758 (rejected name), <i>Coccus fuscus</i>	<i>Acer campestre</i> (field maple), <i>Acer circinatum</i> , <i>Acer</i> <i>macrophyllum</i> , <i>Acer negundo</i> , <i>Acer platanoides</i> , <i>Acer</i> <i>pseudoplatanus</i> , <i>Aesculus</i> <i>pavia</i> , <i>Alnus rubra</i> , <i>Aesculus</i> <i>hippocastanum</i> (buckeye), <i>Betula papyrifera</i> , <i>Betula</i> <i>pubescens</i> , <i>Carpinus betulus</i> , <i>Cornus sanguinea</i> , <i>Corylus</i> <i>avellana</i> , <i>Fragaria vesca</i> (wild strawberry), <i>Crataegus</i> <i>monogyna</i> (hawthorn),	buah (fruits), bibit tanaman (seedlings)	America: Canada, USA Asia: Armenia, Azerbaijan, Georgia, India, Iran, Iraq, Israel, Pakistan, Turkey Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Romania, Russia, Serbia,

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	Gmelin, 1790, <i>Coccus mali</i> Schrank, 1781, <i>Coccus pyri</i> Schrank, 1801, <i>Coccus rubi</i> Schrank, 1801, <i>Coccus salicum</i> Fabricius, 1781, <i>Coccus tiliae</i> Linnaeus, 1758, <i>Coccus xylostei</i> Schrank, 1801, <i>Eulecanium aceris</i> (Curtis) Fernald, 1903 (erroneous authorship), <i>Eulecanium aesculi</i> (Kollar) Fernald, 1903 (nomen nudum), <i>Eulecanium alni</i> (Modeer) Fernald, 1903, <i>Eulecanium capreae</i> (Linnaeus) Fernald, 1903, <i>Eulecanium cerasi</i> (Goethe) Fernald, 1903, <i>Eulecanium coryli</i> (Linnaeus) Cockerell, 1901, <i>Eulecanium coryli cimbricus</i> Wünn, 1937, <i>Eulecanium curtisi</i> Kirkaldy, 1904, <i>Eulecanium emerici</i> (Planchon) Leonardi, 1908,	<i>Cydonia oblonga</i> (quince), Ficus, Fraxinus (ashes), <i>Holodiscus discolor</i> , <i>Juglans regia</i> , <i>Malus sylvestris</i> , <i>Myrica gale</i> , <i>Malus domestica</i> (apple), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus communis</i> (pir, European pear), <i>Parrotia persica</i> , <i>Pistacia palestina</i> , <i>Populus alba</i> , <i>Populus Canadensis</i> , <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus cerasifera</i> , <i>Prunus cerasus</i> , <i>Prunus laurocerasus</i> , <i>Prunus spinosa</i> , <i>Quercus iberica</i> , <i>Quercus ilex</i> , <i>Quercus robur</i> , <i>Quercus suber</i> , <i>Salix caprea</i> , <i>Salix viminalis</i> , Sorbus, <i>Tilia cordata</i> , <i>Ulmus glabra</i> , <i>Ulmus minor</i> , <i>Vaccinium myrtillus</i> (blueberry), <i>Vitis vinifera</i>		Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Eulecanium fasciatum</i> (Costa) Fernald, 1903, <i>Eulecanium fuscum</i> (Gmelin) Cockerell, 1901, <i>Eulecanium gyrceanicum</i> Hadzibejli, 1967, <i>Eulecanium ibericum</i> Hadzibejli, 1960, <i>Eulecanium mali</i> (Schrank) Borchsenius, 1955, <i>Eulecanium pyri</i> (Schrank) Fernald, 1903, <i>Eulecanium rubi</i> (Schrank) Fernald, 1903, <i>Eulecanium tiliae</i> (Linnaeus) Fernald, 1903, <i>Eulecanium variegatum</i> (Goethe) Fernald, 1903, <i>Eulecanium websteri mirabile</i> (King) Fernald, 1903, <i>Globulicoccus fuscus</i> (Gmelin) MacGillivray, 1921, <i>Lecanium (Eulecanium) aesculi</i> (Kollar) Cockerell, 1896 (nomen nudum), <i>Lecanium (Eulecanium) capreae</i> (Linnaeus) Cockerell,</p>	(anggur, grapevine)		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	1896, <i>Lecanium</i> <i>(Eulecanium) cerasi</i> Goethe; Cockerell, 1896, <i>Lecanium</i> <i>(Eulecanium) genevense</i> Targioni Tozzetti; Cockerell, 1896, <i>Lecanium</i> <i>(Eulecanium) hoferi</i> King, in Hofer, 1903, <i>Lecanium</i> <i>(Eulecanium) juglandis</i> Bouché; Cockerell, 1896, <i>Lecanium (Eulecanium) rubi</i> (Schrank) Cockerell, 1896, <i>Lecanium (Eulecanium)</i> <i>variegatum</i> Goethe; Cockerell & Parrott, 1899, <i>Lecanium</i> <i>(Globulicoccus) fuscum</i> (Gmelin) Lindinger, 1907, <i>Lecanium (Saissetia) capreae</i> (Linnaeus) Reh, 1903, <i>Lecanium aesculi (Kollar)</i> Signoret, 1874 (nomen nudum), <i>Lecanium alni</i> (Modeer) Signoret, 1869, <i>Lecanium berberidis</i>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p>(Schrank) Signoret, 1874 (misidentification), <i>Lecanium cerasi</i> Goethe, 1884, <i>Lecanium coryli</i> (Linnaeus) Marchal, 1908, <i>Lecanium fasciatum</i> (Costa) Walker, 1852, <i>Lecanium fuscum</i> (Gmelin) Douglas, 1887, <i>Lecanium genevense</i> Targioni Tozzetti, 1868, <i>Lecanium juglandis</i> Bouché, 1844, <i>Lecanium mali</i> (Schrank) Ferris, 1925, <i>Lecanium pyri</i> (Schrank) Signoret, 1869, <i>Lecanium rubi</i> (Schrank) Walker, 1852, <i>Lecanium variegatum</i> Goethe, 1884, <i>Lecanium websteri mirabilis</i> King, in Hofer, 1903, <i>Parthenolecanium coryli</i> (Linnaeus) Sulc, 1908, <i>Physokermes coryli</i> (Linnaeus) Lindinger, 1911); (Hemiptera: Coccidae);</p>			

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	nut scale; thorn scale			
105.	<i>Eumerus tuberculatus</i> Rondani; (Diptera: Syrphidae); lesser bulb fly	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium sativum</i> (bawang putih, garlic), <i>Brassica oleracea capitata</i> (kubis, cabbage), <i>Calla elliotiana</i> , <i>Crinum asiaticum</i> (bakung, lily), <i>Eurycies</i> spp., <i>Galtonia</i> spp., <i>Gladiolus</i> spp., <i>Hippeastrum</i> spp. (amarilis, amaryllis), <i>Irish</i> spp., <i>Lilia</i> spp., <i>Narcissus</i> spp. (narsisus, narcissus), <i>Pastinaca sativa</i> (parsnip, parsnip), <i>Solanum tuberosum</i> (kentang, potato), <i>Scilla</i> spp., <i>Sprekelia</i>	akar (roots), batang (stems), daun (leaves), umbi (tubers, bulbs), tanah (soil)	Asia: Japan, Taiwan Europe: Spain, United Kingdom Oceania: New Zealand
106.	<i>Eupalamides cyparissias</i> Fabricius; (Syn. <i>Castnia daedalus</i> Cramer, <i>Castnia dedalus</i> Cramer, <i>Eupalamides</i>	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm)	batang (stems), daun (leaves)	America: Brazil, French Guiana, Guyana, Panama, Suriname

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	<p><i>dedalus</i> Cramer, <i>Lapaeumides daedalus</i> Cramer, <i>Lapaeumides</i> <i>dedalus</i> Cramer, <i>Papilio</i> <i>cyparissias</i> Fabricius, <i>Papilio</i> <i>dedalus</i> Cramer); (Lepidoptera: Castniidae); oilpalm borer, coconut moth borer, stem borer and bunch stalk</p>			
107.	<p><i>Euscepes postfasciatus</i> (Fairmaire, 1849); (Syn. <i>Batatarhynchus</i> <i>destructor</i> Hustache, 1933, <i>Cryptorhynchus batatae</i> Waterhouse, 1850, <i>Cryptorhynchus</i> <i>postfasciatus</i> Fairmaire, 1849, <i>Euscepes batatae</i> (Waterhouse, 1850), <i>Hyperomorpha squamosa</i> Blackburn, 1885); (Coleoptera: Curculionidae); West Indian sweet potato</p>	<p><i>Ipomoea acuminata</i>, <i>Ipomoea</i> <i>aquatica</i> (kangkung, water spinach), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Pharbitis nil</i></p>	<p>batang (stems (above ground), shoots, trunks, branches), akar (roots), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>America: Antigua and Barbuda, Barbados, Brazil, British Virgin Islands, Cuba, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Montserrat, Paraguay, Peru, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, USA, US Virgin Islands, Venezuela Asia: Japan Oceania: Cook Island, Fiji, French Polynesia, Guam,</p>

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	weevil, scarabee weevil, small sweet potato weevil, scarabee weevil			Kiribati, Micronesia, New Caledonia, Norfolk Island, Northern Mariana Island, Palau, Pitcairn Island, Samoa, Tonga, Vanuatu, Wallis and Futuna
108.	<i>Eutinobothrus brasiliensis</i> (Hambleton, 1937); (Syn. <i>Gasterocercodes brasiliensis</i> Hambleton, 1937, <i>Gasterocercodes gossypii</i> Pierce 1915); (Coleoptera: Curculionidae); Brazilian cotton borer, cotton root borer	<i>Abelmoschus esculentus</i> (okra, okra), <i>Gossypium barbadens</i> (kapas, cotton), <i>Hibiscus</i> spp.	batang (stems (above ground), shoots, trunks, branches), akar (roots)	America: Argentina, Brazil, Paraguay
109.	<i>Frankliniella fusca</i> (Hinds, 1902); (Syn. <i>Euthrips fuscus</i> Hinds, 1902, <i>Euthrips nicotianae</i> Hinds, 1905, <i>Frankliniella nicotianae</i> Karny, 1912, <i>Physopus fuscus</i> Trybom, 1910, <i>Physopus nicotianae</i> (Hinds), <i>Scirtothrips owreyi</i> Watson, 1924);	<i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Hippeastrum</i> , <i>Nicotiana tabacum</i> (tembakau, tobacco),	daun (leaves), bunga (flowers, inflorescences), tunas (buds/tips)	America: Canada, Cuba, Martinique, Mexico, Puerto Rico, USA Asia: Japan Europe: Netherlands

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Thysanoptera: Thripidae); tobacco thrips	<i>Solanum lycopersicum</i> (tomat, tomato), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Zea mays</i> (jagung, corn, maize)		
110.	<i>Grapholita prunivora</i> (Walsh); (Syn. <i>Cydia prunivora</i> , <i>Laspeyresia prunivora</i> , <i>Semasia prunivora</i> , <i>Enarmonia prunivora</i>); (Lepidoptera: Tortricidae); plum moth, lesser apple worm	Amelanchier, <i>Malus domestica</i> (apel, apple), <i>Prunus domestica</i> (prem, plum), other stone fruit), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus persica</i> (persik, peach), <i>Pyrus communis</i> (pir, pear), <i>Rosa</i> spp. (mawar, rose)	batang (stems (above ground), shoots, trunks, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), buah (fruits), media tanam (growing media associated with plants), serasah, tanah (soil), kulit kayu (bark)	America: Canada, Mexico, USA
111.	<i>Grapholitha molesta</i> (Busck); (Syn. <i>Carpocapsa molesta</i> Busck, <i>Cydia molesta</i> (Busck), <i>Laspeyresia molesta</i> Busck); (Lepidoptera: Tortricidae); oriental fruit moth	<i>Cydonia oblonga</i> (kwinsi, quince), <i>Eriobotrya japonica</i> (lokawat, loquat), <i>Malus domestica</i> (apel, apple), <i>Prunus persica</i> (persik, peach), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus</i>	batang (stems (above ground), shoots, trunks, branches), buah (fruits (inc. pods)), daun (leaves), bunga (flowers, inflorescences, cones,	Africa: Mauritius, Morocco, South Africa America: Argentina, Brazil, Canada, Chile, Mexico, USA, Uruguay Asia: Armenia, Azerbaijan, China, DPR Korea (North Korea),

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>persica</i> var. <i>nucipersica</i> (nektarin, nectarine), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus cerasus</i> (ceri, cherry), <i>Pyrus communis</i> (pear), Buah batu lain (other stone fruits)	calyx), media tanam (growing media associated with plants), serasah (bark), tanah (soil)	Georgia, Japan, Kazakhstan, Kyrgyzstan, Republic of Korea (South Korea), Taiwan, Turkey, Uzbekistan Europe: Austria, Bulgaria, Croatia, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Malta, Moldova, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine Oceania: Australia, New Zealand
112.	<i>Grapholitha packardi</i> Zeller; (Syn. <i>Cydia packardi</i> (Zeller), <i>Enarmonia packardi</i> (Zeller), <i>Enarmonia pyricolana</i> (Murtfeldt), <i>Grapholita packardi</i> Zeller, <i>Grapholitha packardi</i> Zeller, <i>Laspeyresia packardi</i> (Zeller), <i>Laspeyresia pyricolana</i> (Murtfeldt), <i>Steganoptycha pyricolana</i> Murtfeldt);	<i>Cydonia oblonga</i> (quince), <i>Malus domestica</i> (apel, apple), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (persik, peach), <i>Pyracantha</i> , <i>Pyrus communis</i> (pir, pear), <i>Rosa</i> spp., <i>Vaccinium corymbosum</i>	batang (stems (above ground), shoots, trunks, branches), buah (fruits (inc. pods)), daun (leaves), bunga (flowers, inflorescences, cones, calyx), media tanam (growing media associated with plants), serasah,	America: Canada, Mexico, USA

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	(Lepidoptera: Tortricidae); cherry fruitworm		tanah (soil)	
113.	<i>Halyomorpha halys</i> (Stål); (Syn. <i>Dalpada brevis</i> Walker, 1867, <i>Dalpada remota</i> Walker, 1867, <i>Halyomorpha brevis</i> , <i>Halyomorpha mista</i> , <i>Halyomorpha remota</i> , <i>Pentatoma halys</i> Stål, <i>Poecilometis mistus</i> Uhler, 1860); (Hemiptera: Pentatomidae) brown marmorated stink bug	<i>Abelia grandiflora</i> (Glossy abelia), <i>Abelmoschus esculentus</i> (okra), <i>Acer campestre</i> (field maple), <i>Acer circinatum</i> , <i>Acer japonicum</i> (full-moon maple), <i>Acer macrophyllum</i> (broadleaf maple), <i>Acer negundo</i> (box elder), <i>Acer palmatum</i> (Japanese maple), <i>Acer pennsylvanicum</i> (striped maple), <i>Acer platanoides</i> (Norway maple), <i>Acer rubrum</i> (red maple), <i>Acer saccharinum</i> (silver maple), <i>Acer saccharum</i> (sugar maple), <i>Acer tegmentosum</i> , <i>Actinidia deliciosa</i> (kiwifruit), <i>Aesculus glabra</i> (Texas buckeye), <i>Ailanthus altissima</i> (tree-of-heaven), <i>Amaranthus</i>	daun (leaves), kulit kayu (bark)	Africa: Algeria, Morocco America: Canada, Chile, USA Asia: China, DPR Korea (North Korea), Georgia, Japan, Kazakhstan, Nepal, Republic of Korea (South Korea), Taiwan, Turkey Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Germany, Greece, Hungary, Italy, Liechtenstein, Malta, Moldova, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Guam

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		<p><i>caudatus</i> (Love-lies-bleeding), <i>Amelanchier laevis</i> (Allegheny serviceberry), <i>Antirrhinum majus</i> (snapdragon), <i>Arctium minus</i> (common burdock), <i>Armoracia rusticana</i> (horseradish), <i>Asimina triloba</i> (Pawpaw-apple), <i>Basella alba</i> (Malabar spinach), <i>Betula nigra</i> (river birch), <i>Betula papyrifera</i> (paper birch), <i>Betula pendula</i> (common silver birch), <i>Brassica oleracea</i> (kubis, cabbages, cauliflowers), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper), <i>Caragana arborescens</i> (Siberian pea-tree), <i>Carpinus betulus</i> (hornbeam), <i>Carya illinoensis</i> (pecan), <i>Carya ovata</i> (shagbark hickory), Catalpa, <i>Celastrus orbiculatus</i> (Asiatic</p>		

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		bittersweet), <i>Celosia</i> , <i>Celosia argentea</i> (celosia), <i>Celtis</i> (nettle tree), <i>Celtis occidentalis</i> (hackberry), <i>Cephalanthus occidentalis</i> (common buttonbush), <i>Cercidiphyllum japonicum</i> (katsura), <i>Cercis canadensis</i> (eastern redbud), <i>Chenopodium</i> (Goosefoot), <i>Citrus</i> , <i>Citrus junos</i> (yuzu), <i>Cladrastis kentukea</i> (American yellowwood), <i>Cornus</i> (Dogwood), <i>Cornus florida</i> (Flowering dogwood), <i>Cornus officinalis</i> , <i>Cornus racemosa</i> (gray dogwood), <i>Cornus sericea</i> (redosier dogwood), <i>Corylus</i> , <i>Crataegus laevigata</i> , <i>Crataegus monogyna</i> (hawthorn), <i>Crataegus viridis</i> , <i>Cucumis sativus</i> (cucumber), <i>Cucurbita pepo</i> (marrow), <i>Diospyros kaki</i>		

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		(persimmon), <i>Elaeagnus angustifolia</i> (Russian olive), <i>Elaeagnus umbellata</i> (autumn olive), Ficus, <i>Ficus carica</i> (ara, fig), <i>Forsythia suspensa</i> , <i>Fraxinus americana</i> (white ash), <i>Fraxinus pennsylvanica</i> (downy ash), <i>Ginkgo biloba</i> (kew tree), <i>Gleditsia triacanthos</i> (honey locust), <i>Glycine max</i> (kedelai, soyabean), <i>Hamamelis virginiana</i> (Virginian witch-hazel), Helianthus (sunflower), <i>Hibiscus rosa-sinensis</i> (mawar, China-rose), <i>Humulus lupulus</i> (hop), <i>Ilex aquifolium</i> (holly), <i>Juglans nigra</i> (black walnut), <i>Juniperus virginiana</i> (eastern redcedar), <i>Koelreuteria paniculata</i> (golden rain tree), <i>Lagerstroemia indica</i> (Indian crape myrtle), <i>Larix kaempferi</i>		

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		(Japanese larch), <i>Ligustrum sinense</i> (Chinese privet), <i>Liquidambar styraciflua</i> (Sweet gum), <i>Liriodendron tulipifera</i> (tuliptree), <i>Lonicera</i> (honeysuckles), <i>Lonicera tatarica</i> (Tatarian honeysuckle), <i>Lythrum salicaria</i> (purple loosestrife), <i>Magnolia grandiflora</i> (Southern magnolia), <i>Mahonia aquifolium</i> (Oregongrape), <i>Malus baccata</i> (siberian crab apple), <i>Malus domestica</i> (apel, apple), <i>Malus zumi</i> , Mimosa (sensitive plants), <i>Morus</i> (mulberrytree), <i>Morus alba</i> (mora), <i>Paulownia tomentosa</i> (paulownia), <i>Phalaenopsis</i> , <i>Phaseolus</i> (beans), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (common bean), <i>Pisum sativum</i> (pea), <i>Prunus avium</i> (sweet cherry),		

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		<p><i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus laurocerasus</i> (cherry laurel), <i>Prunus mume</i> (Japanese apricot tree), <i>Prunus persica</i> (persik, peach), <i>Prunus serotina</i> (black cherry), <i>Prunus serrulata</i> (Japanese flowering cherry), <i>Prunus subhirtella</i> (weeping Japanese cherry), <i>Pyracantha</i> (Firethorn), <i>Pyrus</i> (pears), <i>Pyrus calleryana</i> (bradford pear), <i>Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia</i> (Oriental pear tree), <i>Quercus alba</i> (white oak), <i>Quercus coccinea</i> (scarlet oak), <i>Quercus rubra</i> (northern red oak), <i>Rhamnus cathartica</i> (buckthorn), <i>Robinia pseudoacacia</i> (black locust), <i>Rosa canina</i> (Dog rose), <i>Rosa multiflora</i> (multiflora rose), <i>Rosa rugosa</i> (rugosa rose), <i>Rubus</i></p>		

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		(blackberry, raspberry), <i>Rubus idaeus</i> (raspberry), <i>Rubus phoenicolasius</i> , Salix (willows), <i>Sassafras albidum</i> (common sassafras), <i>Solanum lycopersicum</i> (tomato), <i>Solanum melongena</i> (aubergine), <i>Solanum nigrum</i> (black nightshade), <i>Sorbus americana</i> (American mountainash), <i>Sorbus aria</i> (whitebeam), Spiraea, <i>Styrax japonica</i> , <i>Syringa pekinensis</i> , <i>Tilia americana</i> (basswood), <i>Tilia cordata</i> (small-leaf lime), <i>Tilia tomentosa</i> (silver lime), <i>Tsuga canadensis</i> (eastern hemlock), <i>Ulmus americana</i> (American elm), <i>Ulmus parvifolia</i> (lacebark elm), <i>Ulmus procera</i> (english elm), <i>Vaccinium corymbosum</i> (blueberry), Viburnum, <i>Vitis riparia</i> (riverbank grape		

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		(USA)), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn), <i>Ziziphus sativa</i>		
114.	<i>Tetramesa maderae</i> (Walker); (Syn. <i>Harmolita grandis</i> (Riley, 1884)); (Hymenoptera: Eurytomidae); wheat straw worm	<i>Bromus ciliatus</i> , <i>Elymus glaucus</i> , <i>Hordeum vulgare</i> (barli, barley), <i>Triticum aestivum</i> (gandum, wheat)	batang (stems), daun (leaves), tanah (soil)	America: Canada, Mexico, USA Asia: Iran, Israel, Kazakhstan, Tajikistan, Turkey, Uzbekistan Europe: Belarus, Hungary, Italy, Romania, Russia, Spain, Ukraine, United Kingdom
115.	<i>Tetramesa tritici</i> (Fitch) (Syn. <i>Harmolita tritici</i> (Fitch, 1859)); (Hymenoptera: Eurytomidae); wheat joint worm	<i>Avena sativa</i> (oat, oats), <i>Glycine max</i> (kedelai, soyabean), <i>Hordeum vulgare</i> (barli, barley), <i>Triticum aestivum</i> (gandum, wheat)	batang (stems), daun (leaves), tanah (soil)	America: Brazil, Canada, USA Asia: Iran Europe: Spain, Russia
116.	<i>Helopeltis anacardii</i> Miller, 1954; (Hemiptera: Miridae); cashew helopeltis	<i>Anacardium occidentale</i> (jambu mete, cashew-nut)	batang (stems), daun (leaves), bunga (flowers, inflorescences, cones, calyx), tangkai (branches), buah (fruits)	Africa: Benin, Tanzania
117.	<i>Helopeltis bergrothi</i> Reuter,	<i>Anacardium occidentale</i>	batang (stems (above	Africa: Angola, Benin, Burundi,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	1892; (Syn. <i>Helopeltis bergrothi disciger</i> Poppius, 1910, <i>Helopeltis bergrothi flavescens</i> GhesquiPre, 1922, <i>Helopeltis bergrothi nigripes</i> GhesquiPre, 1922, <i>Helopeltis bergrothi rubrinervis</i> Poppius, 1910); (Hemiptera: Miridae); helopeltis bug, cacao-mosquito, tea-bug, tea-mosquito, cacao mosquito	(jambu mete, cashew-nut), <i>Camellia sinensis</i> (teh, tea), <i>Gossypium barbadens</i> (kapas, cotton), kina, <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Theobroma cacao</i> (kakao, cocoa)	ground), trunks, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), pucuk tanaman (shoots), buah (fruits)	Cameroon, Central African Republic, DR Congo, Equatorial Guinea, Gabon, Guinea, Ivory Coast, Mozambique, Niger, Nigeria, Rwanda, Togo Europe: Spain
118.	<i>Helopeltis schoutedeni</i> Reuter, 1906; (Syn. <i>Helopeltis sanguineus</i> Poppius, 1911, <i>Helopeltis schoutedeni</i> rubra Ghesquère, 1922, <i>Helopeltis schoutedeni</i> vanderysti Ghesquère, 1922); (Hemiptera: Miridae); tea mosquito, cotton bug, cacao-mosquito, tea-bug,	<i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Camellia sinensis</i> (teh, tea), <i>Gossypium barbadens</i> (kapas, cotton), <i>Mangifera indica</i> (mangga, mango), <i>Ricinus communis</i> (jarak kepyar, castor bean)	batang (stems (above ground), trunks), daun (leaves), buah (fruits (inc. pods), tangkai (branches), pucuk tanaman (shoots)	Africa: Angola, Burundi, Cameroon, Central African Republic, Chad, DR Congo, Ethiopia, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Malawi, Mali, Mozambique, Nigeria, Rwanda, Sao Tome and Principe, Sierra Leone, Sudan, Tanzania, Togo, Uganda, Zimbabwe

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	cotton helopeltis, cotton helopeltis			
119.	<i>Hercinothrips bicinctus</i> (Bagnall, 1919); (Syn. <i>Caliothrips bicinctus</i> , <i>Heliiothrips bicinctus</i> , <i>Herciothrips bicinctus</i> BAGNALL); (Thysanoptera: Thripidae); banana thrips, banana-silvering thrips, smilax thrips	<i>Musa</i> spp. (pisang, banana)	daun (leaves), bunga (flowers, inflorescences), buah (fruits), pelepah (midrib)	Africa: Equatorial Guinea, Guinea, Kenya, South Africa, Tanzania America: Bermuda, Brazil, Peru, USA Asia: India Europe: Belgium, Denmark, France, Germany, Italy, Norway, Portugal, Spain, United Kingdom Oceania: Australia, New Zealand
120.	<i>Heteroligus appius</i> Burm.; (Coleoptera: Scarabaeidae); lesser yam beetle	<i>Dioscorea</i> spp. (gembili, yam)	batang (stems), daun (leaves), umbi (tubers)	Africa: Benin, Burkina Faso, Cameroon, Gambia, Ghana, Guinea, Ivory Coast, Mali, Liberia, Nigeria, Senegal, Sierra Leone, Togo
121.	<i>Heteroligus meles</i> (Billberg, 1815); (Coleoptera: Scarabaeidae); greater yam beetle	<i>Dioscorea</i> spp. (gembili, yam)	batang (stems), daun (leaves), umbi (tubers)	Africa: Benin, Burkina Faso, Cameroon, Gambia, Ghana, Guinea, Ivory Coast, Mali, Liberia, Nigeria, Senegal, Sierra Leone, Togo
122.	<i>Hilda patruelis</i> (Stål);	<i>Abelmoschus moschatus</i>	batang (stems), daun	Africa: Malawi, South Africa,

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	(Hemiptera: Tettigometridae); groundnut hopper	(okra, lady's finger), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Citrus</i> spp. (jeruk, orange), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Vigna cylindrica</i> (kacang tunggak, long bean), <i>Vigna</i> spp. (buncis, cowpea)	(leaves), akar (roots), bunga (flowers)	Tanzania, Zimbabwe
123.	<i>Homona magnanima</i> Diakonoff; (Lepidoptera: Tortricidae); leaf roller, tea tortrix, oriental tea tortrix	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Camellia sinensis</i> (teh, tea), <i>Citrus</i> spp. (jeruk, orange), <i>Chrysanthemum</i> spp. (krisan, chrysant), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Eurya</i> spp., <i>Glycine max</i> (kedelai, soyabean), <i>Lithocarpus edulis</i> , <i>Malus domestica</i> (apel, apple), <i>Nandina domestica</i> , <i>Rosa</i> spp. (mawar, rose), <i>Pyrus</i>	tunas (shoots), batang (stems (above ground), trunks, branches), daun (leaves)	Asia: China, DPR Korea (North Korea), Japan, Republic of Korea (South Korea), Taiwan

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		<i>communis</i> (pir, pear), <i>Paulownia tomentosa</i> , <i>Podocarpus</i> spp., <i>Prunus cerasus</i> (ceri, cherry), <i>Rhododendron</i> <i>Ispp.</i> (azalea), <i>Solanum melongena</i> (terung, aubergine, eggplant), buah batu (stone fruit)		
124.	<i>Horcias nobilellus</i> (Berg) 1883; (Syn. <i>Capsus (Deraeocoris) nobilatus</i> Stal, Berg, 1878 (misidentification), <i>Horcias (horciasoides) nobilellus</i> (Berg), <i>Horcias plagosus</i> Distant, Reuter, 1907 (misidentification), <i>Poecilopsus nobilellus</i> Berg, 1883); (Hemiptera: Miridae); cotton plant bug, cotton bug	<i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Bidens pilosa</i> (blackjack), <i>Gossypium hirsutum</i> (Bourbon cotton)	batang (stems (above ground)), shoots, trunks, branches),	America: Argentina, Bahamas, Bolivia, Brazil, Paraguay, Peru, Suriname, Uruguay, Venezuela
125.	<i>Hylotrupes bajulus</i> (Linnaeus, 1758); (Coleoptera: Cerambycidae);	<i>Abies</i> (firs), <i>Larix</i> (larches), <i>Picea</i> (spruce), <i>Pinus nigra</i> (black pine), <i>Pinus sylvestris</i>	batang (stems (above ground)), shoots, trunks, branches),	Africa: Algeria, Egypt, Ivory Coast, Libya, Madagascar, Morocco, South Africa, Tunisia,

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	house longhorn beetle, European house borer	(Scots pine), <i>Pseudotsuga menziesii</i> (Douglasfir)	kayu (woods)	Zimbabwe America: Argentina, Uruguay, USA Asia: Armenia, Azerbaijan, China, Georgia, Iran, Iraq, Israel, Lebanon, Syria, Turkey Europe: Aland Islands, Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxemburg, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia
126.	<i>Hyphantria cunea</i> Drury;	<i>Acer</i> (maples), <i>Acer negundo</i>	batang (stems,	America: Canada, Mexico, USA

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	(Syn. <i>Hyphantria textor</i> (Harris)); (Lepidoptera: Arctiidae); fall webworm, blackheaded webworm, mulberry moth, redheaded webworm, American white moth	(box elder), <i>Acer platanoides</i> (Norway maple), <i>Ailanthus altissima</i> (tree-of-heaven), <i>Alnus</i> (alders), <i>Arbutus menziesii</i> (Pacific madrone), <i>Carya</i> (hickories), <i>Carya illinoensis</i> (pecan), <i>Carya ovata</i> (shagbark hickory), <i>Celtis australis</i> (European nettle wood), <i>Corylus avellana</i> (hazel), <i>Diospyros virginiana</i> (persimmon (common)), <i>Ficus carica</i> (common fig), <i>Fraxinus</i> (ashes), <i>Fraxinus excelsior</i> (ash), Hops, <i>Juglans nigra</i> (black walnut), <i>Liquidambar styraciflua</i> (sweet gum), <i>Humulus lupulus</i> (hops), <i>Juglans regia</i> (walnut, walnut), <i>Malus domestica</i> (apel, apple), <i>Morus</i> , <i>Morus alba</i> (mora), <i>Pinus densiflora</i> (Japanese umbrella pine), <i>Platanus</i> (planes), <i>Platanus</i>	trunks, shoots, branches), daun (leaves)	Asia: Azerbaijan, China, DPR Korea (North Korea), Georgia, India, Iran, Japan, Kazakhstan, Kyrgyztan, Republic of Korea (South Korea), Turkey Europe: Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Greece, Hungary, Italy, Moldova, Montenegro, North Macedonia, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine Oceania: New Zealand

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		<i>occidentalis</i> (sycamore), Populus (poplars), <i>Prunus avium</i> (sweet cherry), <i>Prunus cerasus</i> (sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Pyrus communis</i> (European pear), Salix (willows), <i>Taxodium distichum</i> (bald cypress), <i>Tilla cordata</i> (small- leaf lime), <i>Ulmus Americana</i> (American elm), <i>Vitis vinifera</i> (anggur, grapevine)		
127.	<i>Incisitermes minor</i> (Hagen); (Isoptera: Kalotermitidae); western drywood termite	<i>Tamarix chinensis</i> (five- stamen tamarisk)	batang, (stems, trunks), kayu (woods)	Asia: China, Japan America: USA
128.	<i>Ips typographus</i> (Linnaeus, 1758); (Syn. <i>Bostrichus octodentatus</i> Paykull, 1800, (Coleoptera: Scolytidae); European eight-toothed bark beetle, spruce bark beetle	<i>Abies</i> (firs), <i>Abies sachalinensis</i> (Sakhalin fir), Larix (larches), <i>Picea</i> (spruces), <i>Picea abies</i> (common spruce), <i>Picea jezoensis</i> (Yeddo spruce), <i>Picea obovata</i> (Siberian spruce), <i>Picea orientalis</i> (oriental spruce), <i>Pinus</i>	batang (stems, shoots, trunks, branches), kayu (woods), kulit kayu (bark), tunas (shoots), cabang (branches)	Africa: Algeria Asia: China, DPR Korea (North Korea), Georgia, Iran, Japan, Kazakhstan, Republic of Korea (South Korea), Tajikistan, Turkey Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia,

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		<i>sylvestris</i> (scot pine), <i>Pseudotsuga menziesii</i> (Douglas-fir)		Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Moldova, Montenegro, Netherlands, Norway, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, United Kingdom
129.	<i>Jacobiasca lybica</i> (de Bergevin); (Syn. <i>Austroasca lybica</i> , <i>Chlorita lybica</i> , <i>Chlorita signata</i> , <i>Empoasca benedettoi</i> , <i>Empoasca lybica</i> (de Berg.), <i>Empoasca signata</i> (Haupt), <i>Jacobiasca signata</i>); (Hemiptera: Cicadellidae); cotton jassid, green leafhopper	<i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Gossypium</i> (kapas, <i>cotton</i>), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato)	batang (stems), daun (leaves), buah (fruits)	Africa: Algeria, Central African Republic, DR Congo, Egypt, Eritrea, Ethiopia, Kenya, Libya, Mauritius, Morocco, Mozambique, Nigeria, Senegal, Somalia, South Africa, Sudan, Tanzania, Tunisia, Uganda America: Argentina Asia: India, Iran, Israel, Lebanon, Saudi Arabia, Turkey, Yemen Europe: Albania, Greece, Italy, Portugal, Spain America: Argentina

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130.	<i>Jacobiella facialis</i> Jacobi; (Syn. <i>Chlorita facialis</i> , <i>Chlorita fascialis</i> , <i>Empoasca facialis</i> Jacobi); (Hemiptera, Cicadellidae); green leafhopper	<i>Solanum melongena</i> (terung, aubergine, eggplant)	batang (stems), daun (leaves), buah (fruits)	Africa: Benin, Nigeria, Togo
131.	<i>Keiferia lycopersicella</i> Walsingham; (Syn. <i>Gnorimoschema elmorei</i> , <i>Gnorimoschema lycopersicella</i> Busck, <i>Keiferia elmorei</i> , <i>Phthorimaea elmorei</i> , <i>Phthorimaea lycopersicella</i>); (Lepidoptera: Gelechiidae); tomato pinworm	<i>Solanum carolinense</i> (horsenettle), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato)	daun (leaves), buah (fruits)	America: Bermuda, Bolivia, Canada, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Savador, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Trinidad and Tobago, USA, Venezuela
132.	<i>Lepidosaphes ulmi</i> (Linnaeus, 1758); (Syn. <i>Aspidiotus conchiformis</i> Curtis, 1843, <i>Aspidiotus falciformis</i> Baerensprung, 1849, <i>Aspidiotus juglandis</i> Fitch,	<i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Fagus grandifolia</i> (American beech), <i>Ficus carica</i> (common fig), <i>Fraxinus americana</i> (white ash), <i>Juglans regia</i> (walnut, <i>walnut</i>), <i>Malus</i>	daun (leaves), batang (stems), buah (fruits)	Africa: Algeria, Egypt, South Africa, Tunisia America: Argentina, Brazil, Canada, Chile, Colombia, Mexico, Peru, USA, Uruguay Asia: Armenia, Afghanistan, China, Georgia, India, Iran, Iraq,

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	1855, <i>Aspidiotus pomorum</i> Bouché, 1851, <i>Aspidiotus pyrus-malus</i> Kennicott, Fernald, 1903, <i>Aspidiotus saliceti</i> (Lindinger) Ferris, 1941, <i>Coccus conchiformis</i> (Curtis) Ferris, 1936, <i>Coccus ulmi</i> Linnaeus, 1758, <i>Diaspis linearis</i> Costa, 1835, <i>Lepidosaphes (Mytilaspis) ulmi</i> (Linnaeus) Hall, 1922, <i>Lepidosaphes ceratoniae</i> (Gennadios) Fernald, 1903, <i>Lepidosaphes conchiformis</i> (Curtis) Shimer, 1868, <i>Lepidosaphes juglandis</i> (Fitch) Fernald, 1903, <i>Lepidosaphes pomorum</i> (Bouché) Kirkaldy, 1902, <i>Lepidosaphes ulmi</i> (Linnaeus) Fernald, 1903, <i>Lepidosaphes ulmi bisexualis</i> Thiem, 1933, <i>Lepidosaphes ulmi candida</i>	(ornamental species apple), <i>Malus domestica</i> (apel, <i>apple</i>), <i>Olea europaea</i> subsp. <i>europaea</i> (Europeanolive), <i>Populus canadensis</i> (hybrid black poplar), <i>Populus deltoides</i> (poplar), <i>Populus nigra</i> (black poplar), Prunus (buah batu, stone fruit), <i>Prunus salicina</i> (Japanese plum), Pyrus (pears), <i>Rosa damascene</i> (Damask rose), <i>Salix alba</i> (white willow), <i>Tilia cordata</i> (small-leaf lime), <i>Vaccinium myrtillus</i> (blueberry)		Israel, Japan, Kazakhstan, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan, Turkey Europe: Austria, Belgium, Bulgaria, Cyprus, Croatia, Cyprus, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Lithuania, Luxemburg, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

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	Fernald, 1903, <i>Lepidosaphes ulmi ulicis</i> Fernald, 1903, <i>Lepidosaphes ulmi unisexualis</i> Thiem, 1933, <i>Lepidosaphes ulmi vitis</i> Fernald, 1903, <i>Lepidosaphes ulmi-cotini</i> Koronéos, 1934, <i>Lepidosaphes ulmi-rosae</i> Koronéos, 1934, <i>Lepidosaphes vulva</i> Nel, 1933, <i>Mytilaspis (Lepidosaphes) pomorum</i> (Bouché) Lindinger, 1907, <i>Mytilaspis ceratoniae</i> Gennadios, 1895, <i>Mytilaspis juglandis</i> (Fitch) Signoret, 1870, <i>Mytilaspis pomicorticis</i> Riley, 1873, <i>Mytilaspis pomorum</i> (Bouché) Signoret, 1870, <i>Mytilaspis pomorum</i> var. <i>candidus</i> Newstead, 1901, <i>Mytilaspis pomorum</i> var. <i>ulicis</i> Newstead, 1901,			

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	<p><i>Mytilaspis ulicis</i> Douglas, 1886, <i>Mytilaspis ulmi</i> (Linnaeus) Cockerell, 1899, <i>Mytilaspis ulmi corticis</i> Riley, 1874, <i>Mytilaspis vitis</i> Goethe, 1884, <i>Mytilococcus saliceti</i> Lindinger, 1936, <i>Mytilococcus ulmi</i> (Linnaeus) Lindinger, 1935); (Hemiptera: Diaspididae); oystershell scale, apple mussel scale, mussel scale</p>			
133.	<p><i>Leptinotarsa decemlineata</i> Say, 1824; (Syn. <i>Chrysomela decemlineata</i> Say, <i>Doryphora decemlineata</i> Say, <i>Leptinotarsa multitaeniata</i> Stål, <i>Polygramma decemlineata</i> Say); (Coleoptera: Chrysomelidae); Colorado potato beetle, Colorado beetle</p>	<p><i>Hyoscyamus niger</i> (black henbane), <i>Nicotiana tabacum</i> (tembakau, tobacco), Solanaceae, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato)</p>	<p>umbi (bulbs, tubers, corms, rhizomes), batang (stems (above ground), shoots, trunks, branches), daun (leaves), tanah (soil)</p>	<p>America: Canada, Cuba, Guatemala, Mexico, USA Asia: Armenia, Azerbaijan, China, Georgia, Iran, Iraq, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, France,</p>

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				Germany, Greece, Hungary, Italy, Latvia, Lithuania, Luxemburg, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine
134.	<i>Leptocybe invasa</i> Fisher & La Salle, 2004; (Hymenoptera: Eulophidae); blue gum chalcid, eucalyptus gall wasp	<i>Eucalyptus</i> , <i>Eucalyptus camaldulensis</i> (red gum), <i>Eucalyptus grandis</i> (saligna gum), <i>Eucalyptus saligna</i> (Sydney blue gum), <i>Eucalyptus botryoides</i> , <i>Eucalyptus bridgesiana</i> , <i>Eucalyptus globulus</i> , <i>Eucalyptus gunnii</i> , <i>Eucalyptus maidenii</i> , <i>Eucalyptus robusta</i> , <i>Eucalyptus tereticornis</i> , <i>Eucalyptus viminalis</i>	daun (leaves), batang (stems, trunks), ranting (branches), bibit (seedlings)	Africa: Algeria, Egypt, Ethiopia, Ghana, Kenya, Madagascar, Malawi, Mauritius, Morocco, Mozambique, Reunion, Rwanda, Sierra Leone, South Africa, Tanzania, Tunisia, Uganda, Zimbabwe America: Argentina, Brazil, Chile, Mexico, Paraguay, Uruguay, USA Asia: Cambodia, China, India, Iran, Iraq, Israel, Jordan, Lao PDR (Laos), Malaysia, Sri Lanka, Syria, Taiwan, Thailand, Turkey, Vietnam Europe: Cyprus, France,

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				Gibraltar, Greece, Italy, Malta, Montenegro, Portugal, Spain, United Kingdom Oceania: Australia
135.	<i>Leptopharsa heveae</i> Drake & Poor, 1935; (Hemiptera: Tingidae); rubber tingid bug, lace bug	<i>Hevea brasiliensis</i> (karet, rubber)	tunas (buds, tips), batang (stems (above ground), shoots, trunks, branches), daun (leaves), bibit (seedlings), tanaman hasil mikropropagasi (micropropagated plants)	America: Brazil, Colombia, French Guiana
136.	<i>Leucoptera coffeina</i> Washburn; (Syn. <i>Leucoptera daricella</i>); (Lepidoptera: Lyonetiidae); coffee leafminer	<i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea eugenioides</i>	daun (leaves)	Africa: Angola, Congo, Ethiopia, Kenya, Tanzania Asia: Yemen
137.	<i>Leucoptera coma</i> Ghesquiere; (Lepidoptera: Lyonetiidae); coffee leaf miner	<i>Coffea canephora</i> (kopi robusta, robusta coffee)	daun (leaves)	Africa: Congo, Uganda
138.	<i>Leucoptera meyricki</i> Ghesquiere;	<i>Coffea Arabica</i> (kopi arabika, arabica coffee), <i>Coffea</i>	daun (leaves)	Africa: Central African Republic, Kenya, South Africa, Tanzania,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Lepidoptera: Lyonetiidae); coffee leaf miner	<i>eugenioides</i>		Uganda, Zimbabwe
139.	<i>Ligyris gibbosus</i> (De Geer); (Syn. <i>Bothynus gibbosus</i> (Deg.), <i>Lygirus californicus</i> Casey); (Coleoptera: Scarabaeidae); carrot beetle, carrot head beetle, muck beetle	<i>Apium graveolens</i> (seledri, celery), <i>Daucus carota</i> (wortel, carrot), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Solanum tuberosum</i> (kentang, potato), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), umbi (tubers, bulbs, rhizomes), akar (roots), tanah (soil)	America: USA
140.	<i>Liriomyza bryoniae</i> (Kaltenbach, 1858); (Syn. <i>Agromyza bryoniae</i> Kaltenbach, <i>Liriomyza citrulla</i> Rohdendorf, <i>Liriomyza mercurialis</i> Hering, <i>Liriomyza solani</i> Hering); (Diptera: Agromyzidae); tomato leaf miner	Amaranthus (amaranth), <i>Apium</i> (seledri, celery), <i>Atropa</i> (Deadly nightshade), <i>Brassica juncea</i> var. <i>juncea</i> (<i>Indian mustard</i>), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, <i>cabbage</i>), <i>Brassica rapa</i> cultivar group Mizuna, Calliptephus, Capsicum (peppers), <i>Celosia argentea</i> (celosia), Chenopodium (Goosefoot), Citrullus, <i>Citrullus lanatus</i> (semangka, watermelon),	tunas (shoots), daun (leaves), tanah (soil), bibit (seedlings, micropropagated plants)	Africa: Algeria, Egypt, Morocco Asia: China, India, Iran, Iraq, Israel, Japan, Nepal, Republic of Korea (South Korea), Taiwan, Turkey, Turkmenistan, Vietnam Europe: Albania, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Malta, Moldova, Montenegro, Netherlands,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p>Coriandrum sativum (coriander), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), Callistephus, Capsicum (peppers), <i>Celosia argentea</i> (celosia), Chenopodium (Goosefoot), <i>Coriandrum sativum</i> (coriander), Datura (thorn-apple), <i>Gerbera jamesonii</i> (African daisy), Hyoscamus, <i>Lactuca sativa</i> (selada, lettuce), Lamium (deadnettle), Levisticum, Linaria (Toadflax), Lupinus (lupins), Lycium (boxthorn), <i>Nicandra physalodes</i> (apple of Peru), Petroselinum (parsley), Petunia, <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), Ricinus, Polyphagous (polyphagous), <i>Solanum</i></p>		<p>Norway, Poland, Portugal, Romania, Russia, Slovenia, Spain, Sweden, Ukraine, United Kingdom</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>tuberosum</i> (kentang, potato), Solanaceae, <i>Solanum lycopersicum</i> (tomat, tomato), Saponaria (soapwort), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Spinacia oleracea</i> (bayam, spinach), Verbena (vervain), Withania		
141.	<i>Listronotus bonariensis</i> (Kuschel, 1955); (Syn. <i>Hyperodes bonariensis</i> Kuschel, <i>Hyperodes griseus</i> Marshall, 1937, <i>Neobagous setosus</i> Hustache, 1929); (Coleoptera: Curculionidae); argentine stem weevil, ryegrass stem weevil, shoot weevil, weevil, argentine stem, weevil, ryegrass stem, wheat stem weevil	<i>Agrostis capillaris</i> (brown bentgrass), <i>Anthoxanthum puelii</i> (Annual vernalgrass), <i>Avena sativa</i> (oat, oats), <i>Bromus</i> spp. (brome-grasses), <i>Cynodon</i> spp. (quickgrass), Dactylis (Orchardgrass), Digitaria (crabgrass), <i>Echinochloa</i> spp., <i>Eleusine coracana</i> (finger millet), <i>Festuca pratensis</i> (english bluegrass), <i>Festuca rubra</i> (red fescue), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium</i>	batang (stems), daun (leaves), akar (roots), bunga (flowers), biji (true seeds (inc. grains))	America: Argentina, Bolivia, Brazil, Chile, Uruguay Oceania: Australia, New Zealand

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		<i>multiflorum</i> (italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), Paspalum, <i>Phleum pratense</i> (timothy), <i>Poa annua</i> (annual meadowgrass), Poaceae (grasses), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), cerealia, rerumputan (Poaceae)		
142.	<i>Listronotus oregonensis</i> (LeConte, 1857); (Syn. <i>Listronotus latiusculus</i> auct. nec Boh., <i>Listronotus rudipennis</i> Blatchley) (Coleoptera: Curculionidae); carrot weevil	<i>Anethum graveolens</i> (dill), <i>Apium graveolens</i> (seledri, celery), <i>Daucus carota</i> (wortel, carrot), <i>Petroselinum crispum</i> (peterseli, parsley)	akar (roots), batang (stems), daun (leaves), umbi (tubers, bulbs), tanah (soil)	America: Canada, USA
143.	<i>Listronotus texanus</i> Stockton; (Syn. <i>Hyperodes texanus</i> Stockton); (Coleoptera: Curculionidae); carrot weevil	<i>Daucus carota</i> (wortel, carrot) <i>Petroselinum crispum</i> (peterseli, parsley)	akar (roots), batang (stems), daun (leaves), umbi (tubers/ rhizomes)	America: USA
144.	<i>Lobesia botrana</i> Denis &	<i>Actinidia chinensis</i> (Chinese	buah (fruits (inc.	Africa: Algeria, Egypt, Eritrea,

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	Schiffermuller, 1776; (Syn. <i>Coccyx botrana</i> Praun 1869, <i>Cochylis botrana</i> Herrich-Schaffer, 1843, <i>Cochylis vitisana</i> Audouin, 1842, <i>Eudemis botrana</i> Frey, 1880, <i>Eudemis rosmarinana</i> Millière, 1866, <i>Grapholita</i> <i>botrana</i> Heinemann, 1863, <i>Noctua romani</i> O. Costa, 1840, <i>Polychrosis botrana</i> Ragonot, 1894, <i>Polychrosis</i> <i>botrana flavosquamella</i> Dufrane, 1960 (form), <i>Tortrix</i> <i>botrana</i> Denis & Schiffermüller, 1776, <i>Tortrix</i> <i>romaniana</i> O. Costa, 1840, <i>Tortrix vitisana</i> Jacquin, 1788); (Lepidoptera: Tortricidae); grape berry moth, european grape vine moth, grape fruit moth, grape leaves-roller, grape moth, grape vine moth,	gooseberry), <i>Actinidia</i> <i>deliciosa</i> (kiwi, kiwi fruit), <i>Arbutus unedo</i> (arbutus), <i>Berberis vulgaris</i> (European barberry), <i>Clematis vitalba</i> (old man's beard), <i>Cornus</i> <i>mas</i> (cornelian cherry), <i>Cornus sanguinea</i> (dogwood), <i>Daphne gnidium</i> , <i>Daphne</i> <i>laureola</i> , <i>Dianthus</i> spp. (carnation), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Hedera helix</i> (ivy), <i>Ligustrum</i> <i>vulgare</i> (privet), <i>Lonicera</i> <i>tatarica</i> (Tatarian honeysuckle), <i>Menispermum</i> <i>canadense</i> (common moonseed), <i>Olea europea</i> <i>subsp. europea</i> (zaitun, olive), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus</i> spp., <i>Punica</i> <i>granatum</i> (delima, pomegranate), <i>Ribes</i> spp., <i>Parthenocissus quinquefolia</i>	pods)), bunga (flowers, inflorescences, cones, calyx)	Kenya, Libya, Morocco America: USA, Chile Asia: Armenia, Azerbaijan, Georgia, Iran, Iraq, Israel, Jordan, Kazakhstan, Lebanon, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus, Czech Republic, Finland, France, Germany, Greece, Hungary, Italy, Luxemburg, North Macedonia, Malta, Moldova, Montenegro, Netherlands, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom

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	vine moth	(Virginia creeper), <i>Prunus amygdalus</i> , <i>Prunus avium</i> (sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus salicina</i> (Japanese plum), <i>Prunus spinosa</i> (blackthorn), <i>Punica granatum</i> (delima, pomegranate), <i>Ribes</i> (currants), <i>Ribes nigrum</i> (blackcurrant), <i>Ribes rubrum</i> (red currant), <i>Ribes uva-crispa</i> (gooseberry), <i>Rosmarinus officinalis</i> (rosemary), <i>Rubus caesius</i> (dewberry), <i>Rubus fruticosus</i> (blackberry), <i>Syringa vulgaris</i> (lilac), <i>Tanacetum vulgare</i> (tansy), <i>Vitis vinifera</i> (anggur, grapevine), <i>Viburnum lantana</i> (Wayfaring tree), <i>Ziziphus jujuba</i> (common jujube)		
145.	<i>Longitarsus nigripennis</i> (Motschulsky);	<i>Piper nigrum</i> (lada, blackpepper)	daun (leaves), buah (fruits)	Asia: India.

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	(Coleoptera: Chrysomelidae); flea beetle, pepper, pollu			
146.	<i>Lygus lineolaris</i> Palisot de Beauvois, 1818; (Syn. <i>Capsus flavonotatus</i> Provancher, 1872, <i>Capsus lineolaris</i> Palisot de Beauvois, 1818, <i>Capsus oblineatus</i> Say, 1832, <i>Capsus strigulatus</i> Walker, 1873, <i>Lygus pratensis</i> var. <i>rubidus</i> Knight, 1917); (Hemiptera: Miridae); tarnished plant bug	<i>Amaranthus cruentus</i> (redshank), <i>Apium graveolens</i> (seledri, celery), <i>Anethum graveolens</i> (dill), <i>Apium graveolens</i> var. <i>dulce</i> (seledri, celery), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Aster</i> spp., <i>Aster pilosus</i> (white heath aster), <i>Beta vulgaris</i> (bit, beetroot), <i>Bellis perennis</i> (common daisy), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica napus</i> var. <i>napus</i> (rapa, rape), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Calendula officinalis</i> (pot marigold), <i>Cosmos</i> spp., <i>Cucumis sativus</i> (mentimun, cucumber), <i>Dahlia hybrids</i> , <i>Daucus carota</i> (wortel, carrot), <i>Dendranthema</i> spp., <i>Erigeron</i>	batang (stems (above ground), trunks, shoots, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx)	America: Bermuda, Canada, El Salvador, Guatemala, Honduras, Mexico, USA Asia: Georgia

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		(fleabane), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gossypium hirsutum</i> (kapas, bourboncotton), <i>Gladiolus hybrids</i> (sword lily), <i>Glycine max</i> (kedelai, soyabean), <i>Helianthus</i> spp., <i>Lespedeza cuneata</i> (sericea lespedeza), Malus (ornamental species apple), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), Polyphagous (Polyphagous), <i>Papaver nudicaule</i> (iceland poppy), <i>Pinus echinata</i> (shortleaves pine), Populus (poplars), <i>Pyrus communis</i> (pir, pear), <i>Rubus</i> spp. (blackberry, raspberry), <i>Vigna</i> spp. (cowpea), <i>Prunus persica</i> (persik, peach), <i>Solanum</i>		

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		<i>tuberosum</i> (kentang, potato), <i>Salvia officinalis</i> (common sage), <i>Sinapis alba</i> (white mustard), <i>Tragopogon porrifolius</i> (oysterplant), <i>Trifolium incarnatum</i> (crimson clover), <i>Vicia sativa</i> (common vetch), <i>Verbena</i> spp. (vervain), <i>Zinnia elegans</i> (zinnia), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn)		
147.	<i>Lymantria dispar</i> Linnaeus, 1758; (Syn. <i>Bombyx dispar</i> Linnaeus, <i>Hypogymna dispar</i> Linnaeus, <i>Liparis dispar</i> Linnaeus, <i>Ocneria dispar</i> Linnaeus, <i>Phalaena dispar</i> Linnaeus, <i>Porthesia dispar</i> Linnaeus, <i>Porthetria dispar</i> Linnaeus); (Lepidoptera: Lymantriidae); Asian gypsy moth	<i>Acer saccharum</i> (sugar maple), <i>Betula papyrifera</i> (paper birch), <i>Acer</i> (maples), <i>Acer negundo</i> (box elder), <i>Acer platanoides</i> (norway maple), <i>Acer rubrum</i> (red maple), <i>Acer saccharinum</i> (soft maple), <i>Alnus</i> (alders), <i>Alnus rhombifolia</i> (white alder), <i>Betula</i> (birches), <i>Betula alleghaniensis</i> (yellow birch), <i>Betula lenta</i> (sweet birch),	kulit kayu muda (bark), cabang (branches), tunas (shoots), batang (stems, shoots, trunks, branches), kayu (woods)	Africa: Algeria, Morocco, Tunisia Asia: Afghanistan, Armenia, Azerbaijan, China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Mongolia, Republic of Korea (South Korea), Syria, Taiwan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Belarus,

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		<p><i>Betula populifolia</i> (gray birch), Carpinus (hornbeams), Carya (hickories), <i>Castanea sativa</i> (chesnut), <i>Cedrus libani</i> (cedar of Lebanon), Corylus, <i>Corylus avellana</i> (hazel), <i>Eucalyptus camaldulensis</i> (red gum), Fagus (beeches), <i>Fagus grandifolia</i> (american beech), <i>Fagus sylvatica</i> (common beech), <i>Fraxinus americana</i> (white ash), <i>Fraxinus pennsylvanica</i> (downy ash), <i>Glycine max</i> (kedelai, soyabean), <i>Hamamelis virginiana</i> (virginian witch-hazel), Larix (larches), <i>Larix kaempferi</i> (Japanese larch), <i>Larix occidentalis</i> (western larch), <i>Liquidambar styraciflua</i> (sweet gum), <i>Litchi chinensis</i> (lichi), <i>Lithocarpus edulis</i>, <i>Malus</i> (ornamental species)</p>		<p>Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, France, Germany, Greece, Hungary, Italy, Lithuania, Macedonia, Moldova, Montenegro, Netherlands, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		apple), <i>Malus domestica</i> (apel, apple), <i>Ostrya virginiana</i> (american hophornbeam), <i>Picea abies</i> (common spruce), <i>Picea jezoensis</i> (yeddo spruce), Pinus (pines), <i>Pinus brutia</i> (brutian pine), <i>Pinus contorta</i> (lodgepole pine), <i>Pinus echinata</i> (shortleaves pine), <i>Pinus resinosa</i> (red pine), <i>Pinus rigida</i> (pitch pine), <i>Pinus strobus</i> (eastern white pine), <i>Pinus sylvestris</i> (scots pine), <i>Pinus taeda</i> (loblolly pine), <i>Pistacia vera</i> (pistachio), <i>Platanus acerifolia</i> (London planetree), Populus (stone fruit), <i>Populus grandidentata</i> (bigtooth aspen), <i>Populus nigra</i> (black poplar), <i>Populus tremuloides</i> (trembling aspen), Prunus (stone fruit), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus domestica</i> (prem,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		plum), <i>Prunus salicina</i> (japanese flowering cherry), <i>Prunus serotina</i> (black cherry), <i>Prunus serrulata</i> (japanese flowering cherry), <i>Pseudotsuga menziesii</i> (douglas-fir), Pyrus (pear, pears), <i>Quercus alba</i> (white oak), <i>Quercus coccinea</i> (scarlet oak), <i>Quercus ellipsoidalis</i> (Northern pin oak), <i>Quercus garryana</i> (Garry oak), <i>Quercus ilex</i> (holm oak), <i>Quercus lobata</i> (California white oak), <i>Quercus montana</i> (basket oak), <i>Quercus muehlenbergii</i> (Chinquapin oak), <i>Quercus palustris</i> (pin oak), <i>Quercus petraea</i> (durmast oak), <i>Quercus robur</i> (common oak), <i>Quercus rubra</i> (northern red oak), <i>Quercus suber</i> (cork oak), <i>Quercus velutina</i> (black oak), <i>Quercus</i>		

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		<i>ilicifolia</i> (bear oak), <i>Robinia</i> (locust), <i>Robinia pseudoacacia</i> (black locust), <i>Salix</i> (willows), <i>Salix babylonica</i> (weeping willows), <i>Salix fragilis</i> (crack willows), <i>Ulmus</i> (elms), <i>Taxodium distichum</i> (bald cypress), <i>Tilia americana</i> (basswood), <i>Tilia cordata</i> (small-leaves lime), <i>Vaccinium</i> (blueberries), <i>Zea mays</i> (jagung, corn, maize)		
148.	<i>Macrodactylus subspinosus</i> (Fabricius); (Coleoptera: Scarabaeidae); rose chafer	<i>Beta</i> spp., cucurbitae, <i>Fragaria vesca</i> (wild strawberry), <i>Prunus cerasus</i> (ceri, cherry), <i>Piper nigrum</i> (lada, pepper), legumes, <i>Prunus persica</i> (persik, peach), <i>Pyrus communis</i> (pir, pear), buah batulainnya (other stone fruit), <i>Rubus</i> spp., <i>Rosa</i> (mawar, roses), <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), daun (leaves), bunga (flowers, inflorescences, cones, calyx), tanah (soil)	America: Mexico, USA
149.	<i>Macroleptera nararia</i> Moore;	<i>Camellia sinensis</i> (teh, tea),	batang (stems (above	Asia: India, Sri Lanka

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	(Syn. <i>Darna nararia</i> , <i>Natada nararia</i> Moore, <i>Parasa nararia</i>); (Lepidoptera: Limacodidae); nettle grub, fringed nettle grub, slug caterpillar	<i>Coffea</i> spp. (kopi, coffee), <i>Cocos nucifera</i> (kelapa, coconut), <i>Canna</i> spp. (bunga tasbih, canna), <i>Citrus</i> spp., <i>Crotalaria</i> spp., <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Erythrina</i> spp. (dadap, december tree), <i>Musa</i> spp. (pisang, banana), <i>Eucalyptus robusta</i> (swamp mahogany), <i>Gliricidia maculata</i> , <i>Lonicera</i> spp., (honeysuckles), <i>Psidium guineense</i> (guinea guava), <i>Rosa</i> spp. (mawar, rose), <i>Tephrosia</i> spp. (hoary-pea)	gorund), shoots, trunks, branches), daun (leaves), tanah (soil), kayu (woods), media tanam (growing media associated with plants), bibit (seedlings, micropropagated plants)	
150.	<i>Macrotermes natalensis</i> (Haviland); (Syn. <i>Amplitermes natalensis</i> , <i>Bellicositermes natalensis</i> , <i>Termes natalensis</i>); (Isoptera: Termitidae)	<i>Eucalyptus macarthurii</i> , <i>Eucalyptus smithii</i> , <i>Eucalyptus camaldulensis</i> , <i>Eucalyptus grandis</i> , <i>Eucalyptus viminalis</i>	batang (stems (above ground), trunks, shoots, branches), kayu (woods)	Africa: South Africa, Uganda, Zimbabwe
151.	<i>Malacosoma americanum</i> (Fabricius, 1793);	<i>Acer rubrum</i> (red maple), <i>Acer saccharum</i> (sugar maple),	batang (stems, trunks), kulit batang	America: Canada, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Lepidoptera: Lasiocampidae); eastern tent caterpillar, American tent caterpillar, apple tent caterpillar, orchard tent caterpillar	Alnus (alders), Amelanchier (serviceberries), <i>Berberis vulgaris</i> (European barberry), <i>Betula alleghaniensis</i> (yellow birch), <i>Betula papyrifera</i> (paper birch), <i>Carya illinoensis</i> (pecan), Corylus, Crataegus (hawthorns), <i>Fagus grandifolia</i> (American beech), <i>Fraxinus americana</i> (white ash), <i>Fraxinus excelsior</i> (ash), Hamamelis (witchhazel), <i>Liquidambar styraciflua</i> (sweet gum), <i>Malus coronaria</i> (sweet crab-apple), <i>Malus domestica</i> (apel, apple), <i>Nyssa sylvatica</i> (tupelo), Populus (poplars), <i>Populus grandidentata</i> (Bigtooth aspen), <i>Prunus domestica</i> (prem, plum), <i>Prunus pennsylvanica</i> , <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese plum),	(bark), daun (leaves), buah (fruits)	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Prunus salicina</i> (Japanese plum), <i>Prunus serotina</i> (black cherry), <i>Prunus virginiana</i> (common chokecherrytree), <i>Quercus alba</i> (white oak), <i>Quercus rubra</i> (northern red oak), Rosa (roses), Salix (willows), Sorbus (rowan), <i>Tilia americana</i> (basswood), <i>Ulmus thomasii</i> (rock elm)		
152.	<i>Maladera castanea</i> (Arrow); (Syn. <i>Aserica castanea</i> (Arr.), <i>Autoserica castanea</i> Arr.) (Coleoptera: Scarabaeidae); Asiatic garden beetle	<i>Beta vulgaris</i> (bit, beetroot), <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper, hot pepper, chilies, red pepper), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Daucus carota</i> (wortel, carrot)	tanaman (plants), tanah (soil)	America: USA Asia: China, Japan, Republic of Korea (South Korea)
153.	<i>Manduca quinquemaculata</i> (Haworth, 1803); (Syn. <i>Phlegethontius celeus</i> Hübner, [1812], <i>Phlegethontius quinquemaculata</i> Haworth, <i>Protoparce quinquemaculata</i>	<i>Atropa belladonna</i> (deadly nightshade), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper), <i>Cestrum floribundum</i> , <i>Datura stramonium</i> (jimsonweed), <i>Kallstroemia parviflora</i> ,	batang (stems, trunks, shoots, branches), daun (leaves), tanah (soil)	America: Canada, Mexico, USA

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	ab. wirti Schaus, 1927, <i>Protoparce quinquemaculatus</i> (Haworth, 1803), <i>Sphinx quinquemaculatus</i> Haworth, 1803); (Lepidoptera: Sphingidae); tomato hornworm, five-spotted hawkmoth, tobacco fly	<i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Nicotiana attenuata</i> , <i>Nicotiana sylvestris</i> , <i>Physalis viscosa</i> (sticky physalis), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum elaeagnifolium</i> (silverleaf nightsade), <i>Solanum grandiflorum</i>		
154.	<i>Manduca sexta</i> (Linnaeus, 1763); (Syn. <i>Macrosila carolina</i> (Linnaeus) Clemens, 1839, <i>Manduca carolina</i> (Linnaeus) Hübner [1809], <i>Phlegethontius carolina</i> (Linnaeus) Hübner [1819], <i>Phlegethontius sexta</i> (Linnaeus) Kirby, 1892, <i>Protoparce carolina</i>	<i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Datura stramonium</i> (jimsonweed), <i>Martynia annua</i> (tiger's claw), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Sesamum</i> (sesame), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Verbena</i> spp.	batang (stems, trunks, shoots, branches), daun (leaves), tanah (soil)	America: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, British Virgin Islands, Bolivia, Brazil, Canada, Cayman Island, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Linnaeus) Butler, 1876, <i>Protoparce griseata</i> Butler, 1875, <i>Protoparce jamaicensis</i> Butler, 1876, <i>Protoparce leucoptera</i> Rothschild and Jordan, 1903, <i>Protoparce sexta</i> (Linnaeus) Rothschild & Jordan, 1903, <i>Protoparce sexta luciae</i> Gehlen, 1928, <i>Protoparce sexta peruviana</i> Bryk, 1953, <i>Protoparce sexta saliensis</i> Kernbach, 1964, <i>Sphinx caestri</i> Blanchard, 1854, <i>Sphinx carolina</i> Linnaeus, 1764, <i>Sphinx eurylochus</i> Philippi, 1860, <i>Sphinx lycopersici</i> Boisduval, [1875], <i>Sphinx nicotiana</i> Boisduval, [1875], <i>Sphinx paphus</i> Cramer, 1779, <i>Sphinx sexta</i> Linnaeus, 1763, <i>Sphinx tabaci</i> Boisduval, [1875]);			Montserrat, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts & Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, US Virgin Islands, USA, Uruguay, Venezuela Oceania: Papua Nugini

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	(Lepidoptera: Sphingidae); tomato hornworm, tobacco hornworm, Carolina sphinx, tomato sphinx			
155.	<i>Mayetiola destructor</i> (Say); (Syn. <i>Cecidomyia destructor</i> , <i>Cecidomyia frumentaria</i> Rondani, <i>Chortomyia secalina</i> Loew, <i>Mayetiola mimeuri</i> MESNIL, <i>Mayetiola secalis</i> Bollow, <i>Phytophaga cerealis</i> Rondani, <i>Phytophaga destructor</i>); (Diptera: Cecidomyiidae); hessian fly	<i>Agropyron</i> spp. (wheatgrass), <i>Hordeum vulgare</i> (barli, barley), <i>Secale cereale</i> (rye), <i>Solanum lycopersicum</i> (tomato), <i>Triticum</i> (wheat), <i>Triticum aestivum</i> (gandum, wheat)	batang (stems, trunks, shoots, branches), biji (true seed (inc. grain))	Africa: Algeria, Morocco, Tunisia America: Canada, USA Asia: China, Iraq, Israel, Kazakhstan, Syria, Turkey Europe: Austria, Belgium, Bulgaria, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: New Zealand
156.	<i>Mythimna unipuncta</i> Haworth; (Syn. <i>Cirphis unipuncta</i> Haworth, <i>Heliophila</i> Butl., <i>Heliophila unipuncta</i>	<i>Allium</i> spp. (onions, garlic, leek, etc.), <i>Avena sativa</i> (oat, oats), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>botrytis</i>	batang (stems, trunks, shoots, branches), daun (leaves), tanah (soil)	Africa: Mali, Morocco, Niger, Senegal, Somalia, Togo America: Argentina, Bahamas, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba,

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	Haworth, <i>Leucania antica</i> Walker, <i>Leucania extranea</i> Guenée, <i>Leucania saccharivora</i> Butl., <i>Leucania unipuncta</i> Haworth, <i>Leucania unipuncta</i> tseki Koutsaftikis, <i>Noctua unipuncta</i> Haworth, <i>Pseudaletia adultera</i> , <i>Pseudaletia unipuncta</i> (Haworth), <i>Pseudaletia unipuncta quecha</i> Franclemont, <i>Sideridis unipuncta</i> Haworth); (Lepidoptera: Noctuidae); rice armyworm, American army worm, American wainscot, armyworm, armyworm, American, armyworm, true, rice cutworm, true armyworm, white-speck	(cauliflower), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Chenopodium quinoa</i> (quinoa), <i>Hordeum vulgare</i> (barli, barley), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Oryza sativa</i> (padi, paddy, rice), rumput dan serealea lainnya (Poaceae and other cerealia), <i>Panicum miliaceum</i> (millet), <i>Phaseolus</i> spp. (beans), <i>Punica granatum</i> (pomegranate), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Secale cereale</i> (rye), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> spp. (clovers), <i>Triticum</i> (wheat), Turfgrasses, <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn)		Guatemala, Jamaica, Mexico, Panama, Paraguay, Puerto Rico, USA, Uruguay, Venezuela Asia: China, India, Iran, Israel, Turkey, Uzbekistan Europe: Bulgaria, Czechia, Denmark, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, United Kingdom
157.	<i>Myzaphis rosarum</i>	<i>Rosa</i> spp. (mawar, rose)	batang (stems, shoots,	Africa: Algeria, Morocco

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	(Kaltenbach, 1843); (Hemiptera: Aphididae); lesser rose aphid		branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx)	America: Canada, Chile, Mexico, Peru, USA Asia: India, Japan, Pakistan Europe: Austria, Bosnia and Herzegovina, Croatia, Hungary, Slovenia Oceania: New Zealand
158.	<i>Naupactus leucoloma</i> Boheman; (Syn. <i>Graphognathus leucoloma</i> Buchanan, <i>Pantomorus leucoloma</i>); (Coleoptera: Curculionidae); whitefringed weevil, whitefringed beetle	<i>Allium cepa</i> (bawang bombay, onion), <i>Arachys hypogaea</i> (kacang tanah, groundnut), <i>Glycine max</i> (kedelai, soyabean), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Zea</i>	batang (stems (above ground), trunks, shoots, branches), daun (leaves), umbi (tubers, bulbs), tanah (soil), akar (roots)	Africa: South Africa America: Argentina, Brazil, Chile, Peru, USA, Uruguay Europe: Portugal Oceania: Australia, New Zealand, Norfolk Island
159.	<i>Oberea bimaculatus</i> Leconte; (Coleoptera: Cerambycidae); raspberry cane borer	<i>Rosa</i> spp. (mawar, rose)	batang (stems, shoots, trunks), daun (leaves), bunga (flowers)	America: Canada
160.	<i>Ophelimus maskelli</i> (Ashmead);	<i>Eucalyptus camaldulensis</i> (red gum), <i>Eucalyptus</i>	daun (leaves)	Africa: Algeria, Ethiopia, Madagascar, Morocco, Rwanda,

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	(Hymenoptera: Eulophidae); eucalyptus gall wasp	<i>globulus</i> (Tasmanian blue gum)		South Africa, Tunisia America: USA Asia: Iraq, Israel, Syria, Turkey Europe: Cyprus, France, Gibraltar, Greece, Italy, Malta, Montenegro, Portugal, Spain, United Kingdom Oceania: Australia, New Zealand
161.	<i>Opogona sacchari</i> Bojer; (Syn. <i>Alucita sacchari</i> Bojer, <i>Gelechia ligniferalla</i> Walker, <i>Gelechia sanctaehelenae</i> Walker, <i>Hieroxestis ligniferella</i> , <i>Hieroxestis plumipes</i> Butler, <i>Hieroxestis sanctaehelenae</i> Walker, <i>Hieroxestis subcervinella</i> Walker, <i>Laverna plumipes</i> Butler, <i>Opogona sanctaehelenae</i> Walker, <i>Opogona subcervinella</i> (Walker), <i>Tinea subcervinella</i> Walker); (Lepidoptera; Tineidae);	<i>Alpinia</i> , <i>Albizia julibrissin</i> , <i>Allium</i> , <i>Alocasia</i> , <i>Ananas comosus</i> (nanas, pineapple), <i>Alpinia</i> , <i>Bactris gasipaes</i> , Bambusa (bamboo), <i>Beaucarnea</i> , <i>Begonia</i> , <i>Bougainvillea spectabilis</i> (great bougainvillea), Bromeliaceae, Cactaceae (cacti), <i>Caesalpinia echinata</i> , Capsicum (peppers), <i>Carica papaya</i> , <i>Chamaedorea</i> , <i>Chamaedorea elegans</i> (parlour palm), <i>Chrysalidocarpus</i> , Clerodendrum, Coffea, <i>Colocasia esculenta</i> ,	batang (stems (above ground), trunks, shoots, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), bibit (seedlings), umbi (tubers, bulbs), kulit kayu (bark)	Africa: Cape Verde, Madagascar, Mauritius, Morocco, Nigeria, Réunion, Saint Helena, Seychelles, South Africa America: Barbados, Bermuda, Brazil, Guadeloupe, Honduras, Peru, USA, Venezuela Asia: China, Israel, Japan Europe: Cyprus, Germany, Italy, Netherlands, Poland, Portugal, Russia, Spain, Switzerland, United Kingdom

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	banana moth, sugarcane moth	<i>Cordyline terminalis</i> , Crassula, Crinum, Cycas, Cyperus, Dahlia, Dieffenbachia (dumbcanes), <i>Dieffenbachia maculata</i> , Dioscorea (gembili, yam), Dracaena, <i>Enterolobium</i> , <i>Erythrina variegata</i> , <i>Euphorbia pulcherrima</i> (poinsettia), Ficus, Gladiolus, Heliconia, <i>Heliconia psittacorum</i> , Hippeastrum, Howea (Kentia), <i>Ipomoea batatas</i> , Maranta (arrowroot), Musa (pisang, banana), Orchidaceae, Pachira, Pandanus, <i>Phoenix</i> , Polyscias, Ravenae, Russelia, <i>Saccharum officinarum</i> (tebu, sugarcane), Saintpaulia (african violet), <i>Saintpaulia ionantha</i> , Salix, Sansevieria (snake plant), <i>Sansevieria trifasciata</i> , <i>Schlumbergera</i> ,		

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		<i>Sinningia speciosa</i> (gloxinia), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Sophora japonica</i> , <i>Strelitzia reginae</i> , Syargus, Tulipa, Washingtonia, <i>Wisteria sinensis</i> , Yucca, <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i>		
162.	<i>Oryctes boas</i> Fabricius; (Coleoptera: Scarabaeidae); rhinoceros beetle, scarabeid oryctes boas	<i>Arecaceae</i> , <i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Phoenix dactylifera</i> (kurma, dates-palm)	batang (stems, trunks, shoots, branches), daun (leaves), media tanam (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Angola, Benin, Burkina Faso, Burundi, Chad, Congo, DR Congo, Ethiopia, Gambia, Guinea-Bissau, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mozambique, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zimbabwe Asia: Saudi Arabia, Yemen
163.	<i>Oryctes elegans</i> Prell; (Coleoptera: Scarabaeidae); rhinoceros beetle	<i>Phoenix dactylifera</i> (kurma, dates-palm)	batang (stems, trunks, shoots, branches), daun	Asia: Iran

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			(leaves), media tanam (growing media associated with plants), tanah (soil)	
164.	<i>Oryctes monoceros</i> (Olivier); (Syn. <i>Oryctes bluchaeui</i> Fairmaire, 1898, <i>Oryctes insularis</i> Coquerel, 1852, <i>Scarabaeus monoceros</i> Olivier, 1789); (Coleoptera: Scarabaeidae); rhinoceros beetle; coconut beetle	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Agave sisalana</i> (sisal hemp), <i>Areca</i> spp., <i>Dracaena</i> spp., <i>Musa</i> spp. (pisang, banana), <i>Raphia</i> spp., <i>Saccharum officinarum</i> (tebu, sugarcane)	batang (<i>stems, trunks, shoots, branches</i>), daun (<i>leaves</i>), media tanam (<i>growing media associated with plants</i>), tanah (<i>soil</i>)	Africa: Angola, Benin, Burkina Faso, Burundi, Cameroon, Comoros, DR Congo, Congo, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Madagascar, Malawi, Mali, Mauritius, Mozambique, Niger, Nigeria, Rwanda, Reunion, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda Asia: Saudi Arabia, Yemen
165.	<i>Ostrinia nubilalis</i> (Hubner); (Syn. <i>Botys nubilalis</i> Robin & Laboulbène, 1884, <i>Botys silacealis</i> Hübner, 1796, <i>Micractis nubilalis</i> Hübner, <i>Pyralis nubilalis</i> Hübner, 1796, <i>Pyrausta nubilalis</i> Meyrick, 1890, <i>Pyrausta</i>	<i>Amaranthus</i> (amaranth), <i>Amaranthus retroflexus</i> (redroot pigweed), <i>Arctium minus</i> (common burdock), <i>Artemisia vulgaris</i> (mugwort), <i>Avena sativa</i> (oats), Capsicum (peppers), <i>Capsicum annuum</i> (cabai besar, paprika, bell	batang (<i>stems, trunks, shoots, branches</i>), daun (<i>leaves</i>), buah (<i>fruits</i>), biji (true seed (inc. grain), tongkol (cob)	Africa: Algeria, Egypt, Libya, Morocco, Tunisia America: Canada, USA Asia: China, Georgia, Iran, Israel, Lebanon, Syria, Turkey Europe: Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>silacealis</i> Hübner, 1796); (Lepidoptera: Crambidae); European maize borer, European corn borer, corn moth, stalk borer	pepper), <i>Chrysanthemum</i> (daisy), <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Datura</i> <i>stramonium</i> (jimsonweed), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Humulus lupulus</i> (hop), <i>Malus domestica</i> (apel, apple), <i>Pennisetum glaucum</i> (pearl millet), <i>Phaseolus</i> <i>vulgaris</i> (common bean), rerumputan (Poaceae), <i>Populus</i> (poplars), <i>Prunus</i> <i>persica</i> (persik, peach), <i>Setaria italica</i> (foxtail millet), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum</i>		France, Germany, Greece, Hungary, Ireland, Italy, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Triticum aestivum</i> (gandum, wheat), Xanthium (Cocklebur), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn)		
166.	<i>Otiorhynchus sulcatus</i> (Fabricius, 1775); (Syn. <i>Brachyrhinus sulcatus</i> Fabricius, <i>Curculio sulcatus</i> Fabricius, 1775, <i>Otiorhynchus linearis</i> Stierlin, 1861) (Coleoptera: Curculionidae); black vine weevil	<i>Vitis vinifera</i> (anggur, grapevine), Fritillaria, Begonia, <i>Camelia japonica</i>	batang (stems, trunks, shoots, branches), kulit kayu (bark), kayu (woods)	Africa: Egypt, Reunion, Saint Helena America: Argentina, Canada, USA, Chile Asia: Japan, Malaysia Europe: Austria, Belgium, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
167.	<i>Oulema oryzae</i> (Kuwayama, 1931); (Syn. <i>Lema oryzae</i>); (Coleoptera: Chrysomelidae); rice leaf beetle	<i>Oryza sativa</i> (padi, paddy, rice)	batang (stems), daun (leaves)	Asia: China, DPR Korea (North Korea), Georgia, Japan, Kazakhstan, Kyrgyzstan, Republic of Korea (South Korea), Tajikistan, Turkmenistan, Uzbekistan Europe: Armenia, Azerbaijan, Belarus, Estonia, Latvia, Lithuania, Moldova, Russia, Ukraine
168.	<i>Pachydissus sericus</i> Newman, 1838; (Coleoptera: Cerambycidae); longhorn beetle	<i>Acacia</i> spp.	batang (stems (above ground), trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Oceania: Australia
169.	<i>Pachymerus lacerdae</i> (Chevr.); (Syn. <i>Pachymerus olearius</i>); (Coleoptera: Bruchidae); palm kernel borer	<i>Elaeis guineensis</i> (kelapa sawit, oil palm)	buah (fruits), biji (true seed)	Africa: Benin, Burkina Faso, Cameroon, Cape Verde, Gabon, Ghana, Guinea-Bissau, Ivory Coast, Liberia, Mauritania, Niger, Nigeria, , Northwest Africa, Senegal, Sierra Leone, Togo America: Argentina, Bolivia, Brazil, Chile, Colombia, Dominican Republic, Ecuador,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				French Guiana, Guyana, Panama, Peru, Paraguay, Peru, Uruguay, Venezuela
170.	<i>Pachymerus nucleorum</i> (Fabricius); (Syn. <i>Bruchus nucleorum</i> , <i>Caryoborus nucleorum</i>); (Coleoptera: Bruchidae); coconut borer, kernel borer	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm)	buah (fruits), biji (true seed)	America: Brazil, French Guiana, Guyana, Paraguay
171.	<i>Paleacrita vernata</i> (Peck, 1795); (Syn. <i>Alsophila vernata</i>); (Lepidoptera: Geometridae); spring cankerworm	<i>Ulmus</i> spp. (elm, elm), <i>Acer</i> spp., <i>Betula</i> spp., <i>Prunus</i> spp., kayu hutan lainnya (other forest trees)	batang (stems (above ground), trunks, shoots, branches), daun (leaves), buah (fruits)	America: Canada, USA
172.	<i>Papaipema nebris</i> Guenée: (Syn. <i>Papaipema nitela</i>); (Lepidoptera: Noctuidae); stalk borer	Cerealia, <i>Panicum virgatum</i> , Poacea (grasses), <i>Rheum hybridum</i> (rhubarb), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn)	batang (stems), daun (leaves), bunga (flowers, inflorescences, cones, calyx)	America: USA Europe: Ethiopia
173.	<i>Parallelodiplosis cattleyae</i> (Molliard, 1903); (Diptera: Cecydomiidae); cattleya midge	Orchidaceae (anggrek, orchid)	batang (stems), daun (leaves), bunga (flowers, inflorescences, cones,	America: USA

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174.	<p><i>Parthenolecanium corni</i> (Bouché, 1844); (Syn. <i>Coccus rosarum</i> Snellen van Volenhoven in De Graaf et al., <i>Coccus tiliae</i> Fitch, <i>Eulecanium corni</i> corni (Bouché); Schmutterer, <i>Eulecanium fraxini</i> King, <i>Eulecanium guignardi</i> King, <i>Eulecanium kansasense</i> (Hunter) King, <i>Eulecanium rosae</i> King, <i>Eulecanium vini</i> (Bouché) Cockerell, <i>Lecanium</i> (Eulecanium) <i>armeniicum</i> Craw; Cockerell & Parrott, <i>Lecanium</i> (Eulecanium) <i>assimile</i> Newstead; Reh =<i>Lecanium</i> (Eulecanium) <i>aurantiacum</i> Hunter, <i>Lecanium</i> (Eulecanium) <i>canadense</i> Cockerell; Cockerell & Parrott,</p>	<p>Acer (maples), <i>Aesculus hippocastanum</i> (horse chestnut), <i>Aphelandra squarrosa</i> (Zebra plant), <i>Buxus sempervirens</i> (common boxwood), Crataegus (hawthorns), <i>Carpinus betulus</i> (hornbeam), <i>Celtis occidentalis</i> (hackberry), <i>Citrus aurantiifolia</i> (lime), <i>Clematis vitalba</i> (old man's beard), Cornus (Dogwood), <i>Cornus sanguinea</i> (dogwood), Corylus, <i>Corylus avellana</i> (hazel), Cotoneaster, <i>Cydonia oblonga</i> (quince), <i>Euonymus europaeus</i>, Fraxinus (ashes), Jasminum (jasmine), <i>Juglans regia</i> (walnut), Lonicera (honeysuckles), <i>Magnolia grandiflora</i> (Southern magnolia), <i>Malus domestica</i> (apel, apple), <i>Mespilus</i></p>	<p>calyx) bunga (flowers, inflorescences, cones, calyx), buah (fruits), daun (leaves), batang (stems, trunks, shoots, branches), bibit tanaman (seedlings)</p>	<p>Africa: Algeria, Egypt, Libya America: Argentina, Brazil, Canada, Chile, Mexico, Peru, USA Asia: Afghanistan, China, DPR Korea (North Korea), Georgia, India, Iran, Israel, Japan, Kazakhstan, Republic of Korea (South Korea), Kyrgyzstan, Lebanon, Mongolia, Pakistan, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Czech Republic, Croatia, Cyprus, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Lecanium</i> (Eulecanium) <i>caryarum</i> Cockerell, <i>Lecanium</i> (Eulecanium) <i>corylifex</i> Fitch; Cockerell, <i>Lecanium</i> (Eulecanium) <i>crawii</i> Ehrhorn; Cockerell & Parrott, <i>Lecanium</i> (Eulecanium) <i>cynosbati</i> Fitch; Cockerell & Parrott, <i>Lecanium</i> (Eulecanium) <i>fitchii</i> Signoret; Cockerell & Parrott, <i>Lecanium</i> (Eulecanium) <i>kingii</i> Cockerell, <i>Lecanium</i> (Eulecanium) <i>lintneri</i> Cockerell & Bennett; Cockerell, <i>Lecanium</i> (Eulecanium) <i>maclurarum</i> Cockerell, <i>Lecanium</i> (Eulecanium) <i>ribis</i> Fitch; Cockerell & Parrott, <i>Lecanium</i> (Eulecanium) <i>rugosum</i> Signoret; Cockerell, <i>Lecanium</i> (Eulecanium)</p>	<p><i>germanica</i> (medlar), <i>Morus alba</i> (mora), <i>Malus</i> (ornamental species apple), <i>Mespilus germanica</i> (medlar), <i>Morus alba</i> (mora), <i>Prunus</i> (stone fruit), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (persik. peach), <i>Populus</i> (poplars), <i>Prunus salicina</i> (Japanese plum), <i>Prunus serotina</i> (black cherry), <i>Pyracantha coccinea</i> (Scarlet firethorn), <i>Populus</i> (poplars), <i>Prunus salicina</i> (Japanese plum), <i>Prunus serotina</i> (black cherry), <i>Pyracantha coccinea</i> (Scarlet firethorn), <i>Pyrus</i> (pir, pears), <i>Pyrus communis</i> (European pear), <i>Ribes uva-crispa</i> (gooseberry), <i>Robinia pseudoacacia</i> (black locust), <i>Rosmarinus officinalis</i> (rosemary), <i>Rubus</i></p>		<p>Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>tarsale</i> Signoret; Cockerell & Parrott, <i>Lecanium</i> (Eulecanium) <i>vini</i> Bouché; King & Reh, <i>Lecanium adenostomae</i> Kuwana, <i>Lecanium armeniacum</i> Craw, <i>Lecanium assimile</i> Newstead, <i>Lecanium canadense</i> Cockerell; Cockerell, <i>Lecanium caryaecanadense</i> Cockerell, <i>Lecanium corni</i> Bouché, <i>Lecanium corni</i> robiniarum Marchal, <i>Lecanium coryli</i> (Linnaeus); Sulc (misidentification), <i>Lecanium corylifex</i> Fitch, <i>Lecanium crawii</i> Ehrhorn, <i>Lecanium cynosbati</i> Fitch, <i>Lecanium fitchii</i> Signoret, <i>Lecanium folsomi</i> King, <i>Lecanium juglandifex</i> Fitch, <i>Lecanium kansasense</i> Hunter, <i>Lecanium lintneri</i> Cockerell</p>	<p>(blackberry, raspberry), <i>Rubus idaeus</i> (raspberry), Ribes (currants), <i>Ribes nigrum</i> (blackcurrant), <i>Ribes rubrum</i> (red currant), Rosa (mawar, roses), Salix (willows), Sorbus (rowan), Spiraea, <i>Taxus baccata</i> (English yew), Tilia (limes), Ulmus (elms), <i>Vaccinium myrtillus</i> (blueberry), Viburnum), <i>Vitis vinifera</i> (anggur, grapevine), <i>Wisteria sinensis</i> (purple wisteria)</p>		

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	& Bennett in Cockerell, <i>Lecanium macluræ</i> Hunter, <i>Lecanium obtusum</i> Thro, <i>Lecanium persicae</i> crudum Green, <i>Lecanium pruinolum armeniacum</i> Craw; Tyrell, <i>Lecanium rehi</i> King in King & Reh, <i>Lecanium ribis</i> Fitch, <i>Lecanium robiniarum</i> Douglas, <i>Lecanium rugosum</i> Signoret, <i>Lecanium tarsalis</i> Signoret, <i>Lecanium vini</i> Bouché, <i>Lecanium websteri</i> King, <i>Lecanium wistariae</i> Signoret, <i>Parthenolecanium corni</i> (Bouché); Borchsenius, <i>Parthenolecanium coryli</i> (Linnaeus); Sulc (misidentification)); (Hemiptera: Coccidae); European fruit lecanium brown scale; European fruit scale; peach scale; yew scale;			

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	fruit scale			
175.	<i>Pemphigus betae</i> Doane; (Syn. <i>Aphioides betae</i> (DOANE), <i>Hamadryaphis betae</i> (DOANE), <i>Kessleria betae</i> (DOANE), <i>Pemphigus balsamiferae</i> WILLIAMS) (Hemiptera: Aphididae); sugarbit root aphid	<i>Beta</i> spp., <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Chenopodium album</i> (fat hen), <i>Populus</i> (populars), <i>Populus fremontii</i> (Fremont cottonwood)	batang (stems, shoots, branches), daun (leaves), umbi (tubers, bulbs)	America: Canada, Mexico, USA
176.	<i>Peridroma saucia</i> (Hubner [1808]); (Syn. <i>Agrotis angulifera</i> Wallengren, 1860, <i>Agrotis impacta</i> Walker, [1857], <i>Agrotis inermis</i> Harris, 1841, <i>Agrotis intecta</i> Walker, [1857], <i>Agrotis ortonii</i> Packard, 1869, <i>Agrotis saucia</i> (Hübner), <i>Lycophotia margaritosa</i> (Haworth), <i>Lycophotia ochronota</i> Hampson, 1903, <i>Lycophotia saucia</i> (Hübner), <i>Noctua aequa</i> Hübner, [1813],	<i>Abies balsamea</i> (balsam fir), <i>Abies grandis</i> (grand fir), <i>Acer</i> (maples), <i>Acer negundo</i> (box elder), <i>Acer saccharum</i> (sugar maple), <i>Alcea rosea</i> (Hollyhock), <i>Allium cepa</i> (bawang bombay, onion), <i>Alnus rubra</i> (red alder), <i>Allium ascalonicum</i> (bawang merah, shallot), <i>Apium graveolens</i> (seledri, celery), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Asparagus</i>	batang (stems, trunks, shoots, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), media tanam (growing media associated with plants), tanah (soil)	Africa: Morocco, Tunisia America: Argentina, Bermuda, Brazil, Canada, Chile, Colombia, Costa Rica, Ecuador, Guatemala, Jamaica, Mexico, Peru, Puerto Rico, USA, Uruguay, Venezuela Asia: China, Israel, Japan, Republic of Korea (South Korea), Sri Lanka, Syria, Taiwan, Turkey Europe: Albania, Armenia, Austria, Belgium, Bulgaria, Bosnia and Herzegovina, Canary Island, Croatia, Czech Republic,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Noctua majuscula</i> Haworth, 1809, <i>Noctua margaritosa</i> Haworth, 1809, <i>Noctua saucia</i> Hübner, [1808], <i>Peridroma margaritosa</i> (Haworth), <i>Rhyacia margaritosa</i> (Haworth), <i>Rhyacia saucia</i> (Hübner)); (Lepidoptera: Noctuidae); variegated cutworm, pearly underwing moth</p>	<p>setaceus (asparagus fern), Aster, <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Amelanchier canadensis</i> (thicket serviceberry), <i>Anthemis cotula</i> (dog fennel), <i>Avena sativa</i> (oat, oats), <i>Brassica</i> spp, <i>Beta vulgaris</i> (beetroot), <i>Beta vulgaris</i> var. <i>saccharifera</i> (sugar beet), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica nigra</i> (black mustard), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Beta vulgaris</i> (bit, beetroot), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Cynara scolymus</i> (artisyok, artichoke),</p>		<p>Denmark, Faroes Island, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kosovo, Lithuania, Luxembourg, Macedonia, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Chrysanthemum</i> (daisy), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Cichorium</i> (chicory), <i>Cirsium</i> (thistle), <i>Citrus lemon</i> (lemon), <i>Chamaecyparis thyoides</i> (atlantic whitecedar), <i>Chenopodium quinoa</i> (quinoa), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Citrus</i> spp. (jeruk, orange), <i>Conyza canadensis</i>, <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Daucus carota</i> (wortel, carrot), Dahlia, <i>Datura stramonium</i> (jimsonweed), <i>Dianthus</i> (carnation), <i>Epilobium</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>angustifolium</i> (rosebay willowherb), <i>Erigeron</i> (Fleabane), <i>Fragaria vesca</i> (wild strawberry), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Geranium</i> (cranesbill), <i>Gladiolus hybrids</i> (sword lily), <i>Gleditsia triacanthos</i> (honey locust), <i>Gossypium</i> (cotton), <i>Gossypium barbadens</i> (kapas, cotton), <i>Gleditsia triacanthos</i>, <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Humulus lupulus</i> (hop), <i>Inula helenium</i> (Elecampane), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lathyrus odoratus</i> (sweet pea), <i>Linum usitatissimum</i> (flax), <i>Lolium</i> spp. (ryegrasses), <i>Lactuca sativa</i> (selada, lettuce),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Maclura pomifera</i> (osage orange), <i>Malus domestica</i> (apel, apple), <i>Mentha piperita</i>, <i>Melia azedarach</i> (Chinaberry), <i>Melilotus albus</i> (honey clover), <i>Mentha piperita</i> (Peppermint), <i>Mentha spicata</i> (Spear mint), <i>Morus alba</i> (mora), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Parthenium argentatum</i> (Guayule), Petunia, <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Phleum pratense</i> (timothy), <i>Persea americana</i> (alpukat, avocado), <i>Pimenta dioica</i> (allspice), <i>Pisum sativum</i> (kapri, sweet pea), <i>Pimenta dioica</i>, <i>Prunus americana</i> (aprikot, apricot), <i>Prunus domestica</i> (prem, plum), <i>Pyrus communis</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p>(pir,pear), <i>Portulaca oleracea</i>, <i>Prunus cerasus</i>, <i>Prunus persica</i> (persik, peach), <i>Pteridium aquilinum</i>, <i>Picea glauca</i> (white spruce), <i>Pisum sativum</i> (pea), Plantago (Plantain), Polygonum (knotweed), Populus (poplars), <i>Portulaca oleracea</i> (purslane), Prunus (stone fruit), <i>Prunus salicina</i> (Japanese plum), <i>Pseudotsuga menziesii</i> (Douglas-fir), <i>Pteridium aquilinum</i> (bracken), <i>Pyrus communis</i> (European pear), <i>Raphanus sativus</i> (lobak, radish), <i>Rheum hybridum</i> (rhubarb), Rhus (Sumach), <i>Ribes uva-crispa</i> (gooseberry), Rosa (roses), <i>Rubus idaeus</i> (raspberry), <i>Rubus fruticosus</i> (blackberry), <i>Rubus idaeus</i> (raspberry), <i>Rubus occidentalis</i> (black raspberry),</p>		

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		<p><i>Raphanus sativus</i> (lobak, radish), <i>Rumex</i> (Dock), <i>Salix</i> (willows), <i>Salvia officinalis</i> (common sage), <i>Secale cereale</i> (rye), <i>Sinapis alba</i> (white mustard), <i>Spinacia oleracea</i>, <i>Stellaria media</i>, <i>Solidago</i> (Goldenrod), <i>Sonchus</i> (Sowthistle), <i>Spinacia oleracea</i> (spinach), <i>Stellaria media</i> (common chickweed), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> (clovers), <i>Triticum aestivum</i> (gandum, wheat), turfgrasses, <i>Tropaeolum majus</i> (common nasturtium), <i>Tsuga canadensis</i> (eastern hemlock), <i>Vaccinium</i> (blueberries), <i>Vicia</i> (vetch), <i>Vicia faba</i> (faba bean), <i>Vitis vinifera</i> (anggur, grapevine), <i>Viola</i> (violet), <i>Vigna</i> spp. (buncis, cowpea),</p>		

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		<i>Xanthium strumarium</i> (common cocklebur), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (sweetcorn), <i>Zea mays</i> subsp. <i>mexicana</i> (teosinte), <i>Zinnia</i>		
177.	<i>Perileucoptera coffeella</i> (Guérin-Méneville); (Syn. <i>Cemlostoma coffeella</i> (Guérin-Méneville), <i>Elachista coffeella</i> Guérin-Méneville, <i>Leucoptera coffeella</i> (Guérin-Méneville)) (Lepidoptera: Lyonetiidae); coffee leafminer, white coffee leafminer	<i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee)	daun (leaves)	America: Antigua and Barbuda, Barbados, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Peru, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Venezuela
178.	<i>Phenacoccus gossypii</i> Townsend & Cockerell; (Syn. <i>Phenacoccus</i> <i>madeirensis</i> , <i>Phenacoccus</i> <i>grenadensis</i> , <i>Phenacoccus</i>	<i>Avena sativa</i> (oats), <i>Acacia</i> (wattles), <i>Acalypha</i> (Copperleaf), <i>Ageratina</i> <i>adenophora</i> (Croftonweed), <i>Ambrosia</i> (Ragweed), <i>Ananas</i>	batang (stems, trunks, shoots, branches), daun (leaves), bunga (flowers,	Africa: Angola, Benin, Cameroon, Cape Verde, DR Congo, Gabon, Gambia, Ghana, Ivory Coast, Liberia, Malawi, Mauritius, Mozambique, Nigeria,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>harbisoni</i>); (Hemiptera: Pseudococcidae); Mexican mealybug, cassava mealybug	<i>comosus</i> (pineapple), <i>Artocarpus altilis</i> (breadfruit), Aster, <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper), Citrus, <i>Coleus</i> , <i>Cajanus cajan</i> (pigeon pea), Cassia (sennas), <i>Cestrum</i> (jessamine), <i>Cestrum nocturnum</i> (night scented cestrum), <i>Codiaeum</i> (ornamental croton), <i>Codiaeum variegatum</i> (croton), Desmodium (tick clovers), Erigeron (Fleabane), Fabaceae (leguminous plants), Geranium (cranesbill), Gesneriaceae, <i>Hibiscus mutabilis</i> (cottonrose), Hibiscus (rosemallows), <i>Lantana camara</i> , Lantana, Malvaceae, <i>Mentha</i> (mints), <i>Mikania micrantha</i> (mile-a-minute), Mimosa (sensitive plants), <i>Ocimum basilicum</i>	inflorescences, cones, calyx)	Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Togo, Zimbabwe America: Antigua and Barbuda, Bermuda, Bahama, Barbados, British Virgin Islands, Bolivia, Cayman Islands, Costa Rica, Cuba, Dominica Republic, Ecuador, Guyana, Grenada, Guadeloupe, Guatemala, Haiti, Jamaica, Montserrat, Mexico, Panama, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Trinidad and Tobago, USA, Venezuela Asia: India, Philippines, Taiwan, Thailand, Yemen Europe: France, Greece, Portugal, Spain Oceania: Federated State of Micronesia, Guam

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(basil), <i>Pachystachys</i> , <i>Parthenium hysterophorus</i> (parthenium weed), <i>Pelargonium</i> , <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Sophora</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato)		
179.	<i>Phorachanta semipunctata</i> (Fabricius); (Coleoptera: Cerambycidae); eucalyptus longhorned borer	<i>Eucalyptus diverisicolor</i> , <i>Eucalyptus globules</i> , <i>Eucalyptus maidenii</i>	batang (stems, trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Africa: South Africa America: USA Europe: France, Italy, Netherlands, Portugal, Spain
180.	<i>Phylloxera vitifoliae</i> (Fitch).; (Syn. <i>Dactylosphaera vastatrix</i> (Planchon, <i>Dactylosphaera vitifoliae</i> (Shimer), <i>Daktulosphaera vitifoliae</i> Fitch, <i>Daktylosphaera vitifoliae</i> Fitch, <i>Pemphigus vitifoliae</i>	<i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis aestivalis</i> (Summer grape), <i>Vitis labrusca</i> (fox grape), <i>Vitis riparia</i> (riverbank grape)	batang (stems (above ground), shoots, trunks, branches), daun, buah, bunga, akar	Africa: Algeria, Morocco, South Africa, Tunisia, Zimbabwe America: Argentina, Bermuda, Bolivia, Brazil, Canada, Colombia, Mexico, Panama, Peru, Uruguay, USA, Venezuela Asia: China, DPR Korea (North Korea), Georgia, India, Israel,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Fitch, <i>Peritymbia vastatrix</i> Fitch, <i>Peritymbia vitifoliae</i> (Planchon), <i>Peritymbia vitisana</i> Westwood, <i>Phylloxera pervastatrix</i> Börner, <i>Phylloxera vastatrix</i> (Planchon, <i>Phylloxera vitifolii</i> (Fitch), <i>Rhizaphis vastatrix</i> (Planchon), <i>Viteus vastatrix</i> (Planchon), <i>Viteus vitifoliae</i>); (Hemiptera: Phylloxeridae); phylloxera, grape phylloxera, vine louse, grape leaf louse			Japan, Jordan, Lebanon, Republic of Korea (South Korea), Syria, Turkey Europe: Armenia, Austria, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Greece, Hungary, Italy, Luxembourg, Malta, Moldova, Montenegro, North Macedonia, Portugal, Poland, Romania, Russia, Slovakia, Slovenia, Serbia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
181.	<i>Pieris rapae</i> (Linnaeus, 1758); (Syn. <i>Artogeia rapae</i> , <i>Ascia rapae</i> , <i>Mancipium rapae</i> , <i>Papilio rapae</i> , <i>Pontia rapae</i>); (Lepidoptera: Pieridae); cabbage butterfly, cabbage white butterfly, common	<i>Alliaria petiolata</i> (garlic mustard), <i>Brassica</i> spp., <i>Brassica oleracea</i> (cabbage, cauliflowers), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i>	batang (stems, trunks, shoots, branches), daun (leaves)	Africa: Algeria, Egypt, Libya, Morocco America: Bermuda, Canada, Mexico, USA Asia: Afghanistan, Azerbaijan, China, DPR Korea (North Korea), Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kyrgyzstan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	cabbage worm, imported cabbage worm, rape white butterfly, small white butterfly	var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>gongylodes</i> (kohlrabi), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> cultivar group, <i>Cakile maritima</i> , Caixin, <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Brassica rapa</i> subsp. <i>pekinensis</i> , Brassicaceae (cruciferous crops), <i>Erysimum cheiranthoides</i> (<i>Treacle mustard</i>), <i>Rorippa indica</i> (Indian marshcress), <i>Spinacia oleracea</i> (bayam, spinach), <i>Tropaeolum majus</i> (common nasturtium)		Lebanon, Mongolia, Myanmar, Pakistan, Republic of Korea (South Korea), Singapore, Syria, Taiwan, Turkey, Vietnam Europe: Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Kosovo, Latvia, Montenegro, Malta, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
182.	<i>Piesarthrus marginellus</i> Newman; (Coleoptera: Cerambycidae); acacia longhorn beetle	<i>Acacia</i> spp.	batang (stems, trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Oceania: Australia

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183.	<i>Pimelephila ghesquierei</i> Tams, 1930; (Lepidoptera: Pyralidae); African spear borer	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Raphia</i> sp. (palem rafia, raffia palm)	batang (stems, trunks, shoots, branches), daun (leaves), titik tumbuh (growing points)	Africa: Benin, Cameroon, Central African Republic, Congo, DR Congo, Gabon, Gambia, Ghana, Guinea-Bissau, Guinea, Ivory Coast, Liberia, Niger, Nigeria, Senegal, Sierra Leone, Togo
184.	<i>Pissodes strobi</i> (Peck, 1817); (Syn. <i>Pissodes engelmanni</i> Hopkins, 1911, <i>Pissodes sitchensis</i> Hopkins, 1911); (Coleoptera: Curculionidae) Engelmann spruce weevil, sitka spruce weevil	<i>Picea abies</i> (common spruce), <i>Picea engelmannii</i> (Engelmann spruce), <i>Picea glauca</i> (white spruce), <i>Picea sitchensis</i> (Sitka spruce), <i>Picea mariana</i> (black spruce), <i>Picea omorika</i> (Panic spruce), <i>Picea pungens</i> (blue spruce), <i>Picea rubens</i> (red spruce), <i>Pinus banksiana</i> (jack pine), <i>Pinus strobus</i> (eastern white pine), <i>Pinus balfourina</i> , <i>Pinus contorta</i> (lodgepole pine), <i>Pinus flexilis</i> (limber pine), <i>Pinus koraiensis</i> (fruit pine), <i>Pinus monticola</i> (western white pine), <i>Pinus mugo</i>	batang (stems, trunks), kayu (woods), tunas (shoots), cabang (branches)	America: Canada, USA

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		(mountain pine), <i>Pinus nigra</i> (black pine), <i>Pinus parviflora</i> (Japanese white pine), <i>Pinus peuce</i> , (macedonian pine), <i>Pinus resinosa</i> (red pine), <i>Pinus rigida</i> (pitch pine), <i>Pinus strobiformis</i> (southwestern white pine), <i>Pinus sylvestris</i> (Scots pine), <i>Pinus tecunumanii</i> (tecun uman pine), <i>Pinus wallichiana</i> (blue pine), <i>Pinus densifolia</i> , <i>Pinus flexilis</i> , <i>Pinus griffithii</i> , <i>Pinus monticola</i> , <i>Pinus mugo</i> , <i>Pinus ponderosa</i> , <i>Pinus rigida</i> , <i>Pinus syvestris</i> , <i>Pseudotsuga menziesii</i>		
185.	<i>Planococcoides njalensis</i> (Laing); (Syn. <i>Pseudococcus njalensis</i> Laing, <i>Pseudococcus exitiabilis</i> Laing, <i>Planococcus njalensis</i>); (Hemiptera: Pseudococcidae)	<i>Ananas comosus</i> (nanas, pineapple), <i>Bombax buonopozense</i> (silk-cotton tree), <i>Ceiba pentandra</i> (kapok), Clerodendrum (Fragrant clerodendron), <i>Coffea</i> spp. (kopi, coffee),	tunas (shoots), batang (stems, trunks), daun (leaves), buah (fruits), bibit (seedlings)	Africa: Benin, Cameroon, DR Congo, Congo, Ghana, Guinea, Ivory Coast, Liberia, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	West African cocoa mealybug	<i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee), <i>Coffea liberica</i> (Liberian coffee tree), <i>Cola acuminata</i> (cola), <i>Delonix regia</i> (flamboyant), Euphorbiaceae, Fabaceae (leguminous plants), <i>Gliricidia sepium</i> (mother of cocoa), <i>Mangifera indica</i> (mangga, mango), Rubiaceae, Solanaceae, Sterculiaceae, <i>Theobroma cacao</i> (kakao, cocoa), <i>Persea americana</i> (alpukat, avocado)		
186.	<i>Planococcus kenyae</i> (Le Pelley); (Syn. <i>Planococcus subukiaensis</i> De Lotto. 1954, <i>Pseudococcus kenyae</i> Le Pelley, 1935, <i>P. Kenyaensis</i> Betrem, 1936); (Hemiptera: Pseudococcidae);	<i>Acacia</i> spp. (wattles), <i>Annona cherimola</i> (cherimoya), <i>Annona squamosa</i> (srikaya, sweetsop), <i>Bauhinia purpurea</i> (purple bauhinia), <i>Beta vulgaris</i> (bit, beetroot), <i>Carissa edulis</i> (egyptian carissa), <i>Codiaeum</i>	tunas (shoots), batang (stems, trunks, branches), daun (leaves), bunga (flowers), inflorescences, cones, calyx), buah (fruits), akar (roots), bibit	Africa: Burundi, Congo, DR Congo, Ghana, Ivory Coast, Kenya, Malawi, Mauritius, Nigeria, Rwanda, Sierra Leone, Sudan, Tanzania, Togo, Uganda, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	coffee mealybug, common coffee mealybug, Kenya mealybug	<i>variegatum</i> (croton), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Citrus</i> spp. (jeruk, orange), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee), <i>Coffea eugenioides</i> , <i>Dioscorea</i> sp. (gembili, yam), <i>Erythrina abyssinica</i> (red hot poker tree), Gardenia, Gliricidia, <i>Gossypium barbadens</i> (kapas, cotton), <i>Indigofera</i> spp., (indigo), <i>Impatiens</i> (balsam), Inga, <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Jacaranda mimosifolia</i> (Brazilian rose wood), <i>Lolium perenne</i> (perennial ryegrass), Phaseolus (beans), <i>Psidium guajava</i> (jambu batu, guava), <i>Pueraria lobata</i> , <i>Pueraria montana</i> var. <i>lobata</i> (kudzu),	(seedlings)	

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		<i>Passiflora</i> spp. (passion flower), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Sesbania grandiflora</i> (turi, agati), <i>Sesbania sesban</i> (sesban), <i>Saccharum officinarum</i> (tebu, sugarcane), Solanum (nightshade), <i>Solanum seafortianum</i> (star potato-vine), <i>Sonchus oleraceus</i> (common sowthistle), <i>Theobroma cacao</i> (kakao, cocoa)		
187.	<i>Platyomopsis egena</i> (Pascoe); (Coleoptera: Cerambycidae); grey ringbarker	<i>Acacia</i> spp.	batang (stems, trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Oceania: Australia
188.	<i>Popillia japonica</i> Newman; (Syn. <i>Aserica japonica</i> , <i>Aserica japonica</i> , <i>Maladera japonica</i> , <i>Serica japonica</i>); (Coleoptera: Scarabaeidae); Japanese beetle	<i>Acer</i> spp. (maple), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Aesculus</i> spp., <i>Althaea</i> spp., <i>Betula</i> spp., <i>Castanea</i> spp., <i>Glycine max</i> (kedelai, soyabean), <i>Hibiscus</i>	batang (stems, trunks, shoots, branches), daun (leaves), bunga (flowers, inflorescences, cones,	America: Canada, USA Asia: India, Japan, Europe: Italy, Portugal, Russia, Slovenia, Switzerland

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		spp., <i>Juglans nigra</i> , <i>Lagerstroemia indica</i> (Indian crape myrtle) <i>Malus domestica</i> (apel, apple), <i>Prunus</i> spp., (buah batu, stone fruit), <i>Parthenocissus quinquefolia</i> (Virginia creeper) , <i>Platanus</i> spp., <i>Populus</i> spp., <i>Rheum hybridum</i> , <i>Rosa</i> spp. (mawar, rose), <i>Rubus</i> spp., (knotweed) spp.(raspberry), <i>Salix</i> spp., <i>Sorbus americana</i> , <i>Sassafras albidum</i> , <i>Tilia</i> spp., turfgrasses, <i>Ulmus</i> spp., <i>Vitis</i> spp., (anggur, grape) <i>Zea mays</i> (jagung, corn, maize)	calyx), akar (roots), tanah (soil)	
189.	<i>Praelongorthezia praelonga</i> (Douglas, 1891); (Syn. <i>Orthezia praelonga</i> Douglas); Hemiptera: Ortheziidae); citrus orthezia, croton bug	<i>Anacardium occidentale</i> (jambu mete, cashew nut), <i>Bauhinia monandra</i> (Napoleon's plume), <i>Bauhinia variegata</i> (mountain ebony), <i>Bougainvillea</i> , <i>Citrus</i> , <i>Citrus aurantiifolia</i> (jeruk nipis,	daun (leaves), ranting (twigs), batang (trunks), bunga (flowers)	Africa: Congo, DR Congo, Gambia, Reunion America: Antigua and Barbuda, Argentina, Barbados, Bolivia, Brazil, British Virgin Islands, Colombia, Curacao, Dominica, Ecuador, French Guiana,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>lime</i>), <i>Citrus aurantium</i> (sour orange), <i>Citrus limon</i> (lemon, <i>lemon</i>), <i>Citrus limonia</i> (mandarin lime), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Citrus x paradisi</i> (grapefruit), <i>Codiaeum variegatum</i> (garden croton), <i>Coffea</i> (kopi, coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee), <i>Gliricidia sepium</i> (gliricidia), <i>Haematoxylum campechianum</i> (logwood), <i>Ipomoea carnea</i>, <i>Ixora</i>, <i>Ixora chinensis</i>, <i>Jatropha integerrima</i> (peregrina), <i>Malpighia emarginata</i>, <i>Malpighia glabra</i> (acerola), <i>Merremia dissecta</i>, <i>Mikania scandens</i>, <i>Petroselinum crispum</i> (parseli, parsley), <i>Plumeria alba</i>, <i>Plumeria rubra</i> (red frangipani), <i>Scaevola</i></p>		<p>Grenada, Guadeloupe, Guyana, Jamaica, Martinique, Mexico, Montserrat, Panama, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Martin and Saint Barthelemy, Saint Vincent and the Grenadines, Suriname Trinidad and Tobago, US Virgin Islands, Venezuela</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>plumieri</i> , <i>Schefflera</i> (umbrella tree), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Spathodea campanulata</i> (African tulip tree), <i>Tabebuia</i>		
190.	<i>Prionoryctes canaliculus</i> Arrow.; (Syn. <i>Heteroligus prinoryctes</i>); (Coleoptera: Scarabaeidae); yam beetle	<i>Dioscorea</i> sp. (gembili, yam), <i>Dioscorea esculenta</i>	batang (stems), daun (leaves), umbi (tubers)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Swaziland, Togo, Tunisia,

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				Uganda, Tanzania, Zambia, Zimbabwe
191.	<i>Prostephanus truncatus</i> (Horn); (Syn. <i>Dinoderus truncates</i> (Horn)); (Coleoptera: Bostrichidae); larger grain borer, greater grain borer, scania beetle	Dried cassava (gaplek), <i>Manihot esculenta</i> (ubi kayu, cassava), stored products (dried dtored products), <i>Triticale</i> spp., <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	umbi kering (tubers), biji (true seed (inc. grain), kayu (woods), akar (roots)	Africa: Benin, Burkina Faso, Burundi, Ghana, Guinea, Guinea-Bissau, Kenya, Malawi, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, South Africa, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, USA Europe: Italy
192.	<i>Protomelittoma insulare</i> Fairmaire; (Coleoptera: Lymexylidae); stem borer	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm)	batang (trunks, shoots, branches)	Africa: Madagascar, Seychelles
193.	<i>Pseudococcus aurilanus</i> (Maskell, 1890); (Syn. <i>Dactylopius aurilanus</i> Maskell., <i>Nipaecoccus aurilanus</i> Masskell);	<i>Araucaria</i> spp.	batang (trunks, shoots, branches), kayu (woods)	Africa: Kenya, Uganda America: Canada, Mexico, USA Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Hemiptera: Pseudococcidae) ; golden mealybug, yellow banded mealybug, araucaria mealybug			
194.	<i>Pseudococcus calceolariae</i> (Maskell, 1893); (Syn. <i>Dactylopius calceolariae</i> (Maskell), <i>Erium calceolariae</i> ((Maskell) Lindinger), <i>Pseudococcus citrophilus</i> (Clausen), <i>Pseudococcus fragilis</i> Brain; <i>Pseudococcus gahani</i> Green, <i>Pseudococcus similans</i>); (Hemiptera: Pseudococcidae); scarlet mealybug, citrophilus mealybug, currant mealybug	<i>Abutilon</i> (Indian Mallow), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Brachychyton</i> , <i>Brassica</i> , <i>Ceanothus</i> (white-thorne), <i>Chenopodium</i> (Goosefoot), <i>Citrus medica</i> (citron), <i>Conium maculatum</i> (Poison hemlock), <i>Crataegus</i> , (hawthorns), <i>Cynodiaoblonga</i> (quince), <i>Daucus carota</i> (wortel, carrot), <i>Dodonaea viscosa</i> (switsch sorrel), <i>Eugenia</i> , <i>Ficus</i> , <i>Fragaria</i> (stroberi, strawberry), <i>Geranium</i> (cranesbill), <i>Hedera helix</i> (ivy), <i>Helianthus</i> spp. (sunflower), <i>Heliotropium arborescens</i> (cherry pie), <i>Hibiscus</i> (rosemallows),	seluruh bagian tanaman (whole plants)	Africa: Ghana, Madagascar, Morocco, Namibia, South Africa America: Argentina, Brazil, Bolivia, Central America, Colombia, Chile, Dominican Republic, Ecuador, French Guiana, Mexico, Paraguay, Peru, Uruguay, USA, Venezuela Asia: China, Georgia Europe: Bulgaria, Czechia, France, Italy, Netherlands, Portugal, Russia, Slovakia, Spain, Ukraine, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Juglans regia</i> (walnut), <i>Laburnum anagyroides</i> (laburnum), <i>Ligustrum</i> (privet), <i>Lolium</i> spp (ryegrasses), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab-apple tree), <i>Malva</i> (mallow), <i>Musa paradisiaca</i> (pisang kepok, plantain), <i>Nerium oleander</i> (oleander), <i>Pelargonium</i> (pelargoniums), <i>Pinus radiata</i> (radiata pine), <i>Pisum sativum</i> (pea), <i>Pittosporum tobira</i> (japanese pittosporum), <i>Pittosporum undulatum</i> (pittosporum), <i>Polyscias</i>, <i>Prunus</i>, (stone fruit), <i>Pyrus communis</i> (European pear), <i>Rheum hybridum</i>, (rhubarb), <i>Rhododendron</i> (Azalea), <i>Ribes sanguineum</i> (Flowerring currant), <i>Rosa</i> (mawar, roses), <i>Rubus</i> (blackberry, raspberry)</p>		

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		<i>Schinus molle</i> (false pepper tree), <i>Sechium edulle</i> (chayotte), <i>Solanum tuberosum</i> (kentang, potato), <i>Theobroma cacao</i> (kakao, cocoa), <i>Vitis vinifera</i> (anggur, grapevine), <i>Saccharum officinarum</i> (tebu, sugarcane)		
195.	<i>Pseudothraupis wayi</i> Brown; (Syn. <i>Thraupis</i> sp. (Way, 1951)); (Hemiptera: Coreidae); coconut bug	<i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Averrhoa carambola</i> (belimbing, carambola, starfruit), <i>Carya illinoensis</i> (pecan), <i>Cinnamomum myanmarnii</i> (bark of kayu manis, cassia vera), <i>Cinnamomum verum</i> (kayu manis, cinnamon), <i>Cocos nucifera</i> (kelapa, coconut), <i>Eriobotrya japonica</i> (lokwat, loquat), <i>Litchi chinensis</i> (leci, lichi), <i>Macadamia</i> spp., <i>Macadamia integrifolia</i> (macadamia nut), <i>Mangifera</i>	batang (stems, trunks, shoots, branches), bunga (flowers, inflorescences, cones, calyx), buah (fruits)	Africa: Botswana, Ivory Coast, Kenya, South Africa, Tanzania, Zambia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>indica</i> (mangga, mango), <i>Persea americana</i> (alpukat, avocado), <i>Psidium guajava</i> (jambu biji, guava), <i>Theobroma cacao</i> (kakao, cocoa)		
196.	<i>Psila rosae</i> (Fabricius, 1794); (Syn. <i>Chamaepsila hennigi</i> Thomson & Pont, 1994, <i>Chamaepsila rosae</i> (Fabricius, 1794), <i>Musca rosae</i> Fabricius, 1794; (Diptera: Psilidae); carrot root fly, carrot rust fly	<i>Apium graveolens</i> (seledri, <i>celery</i>), <i>Apium graveolens</i> var. <i>rapaceum</i> (celeriac), <i>Anethum graveolens</i> (dill), <i>Anthriscus cerefolium</i> , Brassica, <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, <i>cauliflower</i>), <i>Coriandrum sativum</i> (ketumbar, <i>corriander</i>), <i>Conium maculatum</i> (Poison hemlock), <i>Carum carvi</i> (jinten, <i>caraway</i>), <i>Daucus carota</i> (wortel, carrot), <i>Foeniculum vulgare</i> (adas pedas, fennel), <i>Levisticum officinale</i> (lovage), <i>Petroselinum crispum</i> (parseli, parsley), <i>Pastinaca sativa</i> (parsnip), <i>Raphanus sativus</i>	umbi (bulbs, tubers, corms, rhizomes), media tanam (growing media associated with plants), tanah (soil)	America: Canada, USA Asia: Georgia, Japan, Mongolia, Turkey Europe: Austria, Belarus, Belgium, Bulgaria, Czechia, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Netherlands, Norway, Poland, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(lobak, radish)		
197.	<p><i>Phthorimaea absoluta</i> Meyrick, 1917; (Syn. <i>Gnorimoscha absoluta</i> (Meyrick, 1917) Clarke, 1962; <i>Scrobipalpula absoluta</i> (Meyrick, 1917) Povolny, 1964; <i>Scrobipalpuloides absoluta</i> (Meyrick, 1917) Povolny, 1987; <i>Tuta absoluta</i> (Meyrick, 1917); South American tomato moth, South American tomato pinworm</p>	<p>(lobak, radish) <i>Amaranthus viridis</i> (slender amaranth), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Convolvulus arvensis</i> (bindweed), <i>Datura stramonium</i> (jimsonweed), <i>Nicotiana glauca</i> (tree tobacco), <i>Physalis angulata</i> (ceplukan, cutleaf groundcherry), <i>Solanum dubium</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine), <i>Solanum muricatum</i> (pepino, melon pear), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum woronowii</i>, <i>Sonchus oleraceus</i>, <i>Sorghum halepense</i> (rumput Johnson, Johnson grass), <i>Xanthium strumarium</i> (common cocklebur)</p>	<p>batang (stems (above ground)/shoots/trunk s /branches), bibit (seedlings/ micropropagated plants), buah (fruits inc. pods), bunga (flowers/ inflorescences/ cones/calyx) daun (leaves), media tanam (growing medium accompanying plants),</p>	<p>Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Democratic Republic of the Congo, Egypt, Equatorial Guinea, Ethiopia, Ghana, Ivory Coast, Kenya, Lesotho, Libya, Malawi, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, Haiti, Panama, Paraguay, Peru, Trinidad and Tobago, Uruguay, Venezuela Asia: Afghanistan, Armenia,</p>

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				Azerbaijan, Bangladesh, China, India, Iran, Iraq, Isarel, Jordan, Kazakhstan, Kyrgyzstan, Myanmar, Nepal, Pakistan, Qatar, Saudi Arabia, South Korea, Syria, Tajikistan, Thailand, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yemen Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, France, Germany, Greece, Guernsey, Hungary, Italy, Lithuania, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom
198.	<i>Pyrrhia umbra</i> (Hufnagel, 1766); (Lepidoptera:	<i>Solanum lycopersicum</i> (tomat, tomato)	batang (stems, branches), daun	Asia: Republic of Korea (South Korea)

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	Noctuidae); rose budworm, tobacco striped caterpillar		(leaves), bunga (flowers, inflorescences, cones, calyx)	Europe: Germany
199.	<i>Recilia mica</i> Kramer; (Hemiptera: Cicadellidae) cicadellid leafhopper	<i>Elaeis</i> spp.	tunas (shoots), batang (trunks, branches), daun (leaves)	Africa: Ivory Coast
200.	<i>Rhagoletis cerasi</i> Linnaeus; (Syn. <i>Musca cerasi</i> , <i>Rhagoletis cerasi fasciata</i> , <i>Rhagoletis cerasi nigripes</i> , <i>Rhagoletis cerasi obsoleta</i> , <i>Rhagoletis obsoleta</i> , <i>Spilographa cerasi</i> , <i>Tephritis cerasi</i> , <i>Trypeta signata</i> , <i>Urophora cerasorum</i> , <i>Urophora liturata</i> , <i>Zonosema cerasi</i>); (Diptera: Tephritidae); European cherryfruit fly, cherry fruit fly	<i>Lonicera xylosteum</i> (Fly honeysuckle), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus avium</i> (sweet cherry), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus serotina</i> (black cherry)	buah (fruits), Buah (fruits), media tanam (growing media associated with plants), tanah (soil)	America: Canada, USA Asia: Georgia, Iran, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czechia, Denmark, Estonia, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine
201.	<i>Rhagoletis cingulata</i> (Loew);	<i>Prunus avium</i> (ceri manis,	buah (fruits (inc.	America: Canada, Mexico, USA

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	(Syn. <i>Trypeta</i> (Rhagoletis) <i>cingulate</i> Loew, <i>Trypeta cingulata</i> Loew); (Diptera: Tephritidae); cherry fruit fly	sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus serotina</i> (black cherry), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus virginiana</i> (common choke cherry tree).	pods), media tanam (growing media associated with plants), tanah (soil)	Europe: Austria, Belgium, Croatia, Czechia, Germany, Hungary, Italy, Norway, Slovakia, Slovenia, Switzerland, United Kingdom
202.	<i>Rhagoletis fausta</i> (Osten-Sacken, 1877); (Syn. <i>Acidia fausta</i> (Osten-Sacken), <i>Rhagoletis intrudens</i> Aldrich, <i>Trypeta</i> (Acidia) <i>fausta</i> Osten-Sacken, <i>Trypeta fausta</i> Osten-Sacken); (Diptera: Tephritidae); black (dark) cherry fruit fly	<i>Prunus avium</i> (sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus emarginata</i> (bitter cherry tree), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus pensylvanica</i> (pin cherry), <i>Prunus serotina</i> (black cherry), <i>Prunus virginiana</i> (common chokecherrytree)	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	America: Canada, USA
203.	<i>Rhagoletis pomonella</i> Walsh.; (Syn. <i>Rhagoletis symphoricarpi</i> , <i>Spilograpta pomonella</i> (Walsh), <i>Trypeta pomonella</i> , <i>Zonosema pomonella</i> (Walsh)); (Diptera: Tephritidae);	<i>Amelanchier</i> (serviceberries), <i>Aronia</i> (chockeberry), <i>Cornus florida</i> (Flowering dogwood), <i>Cotoneaster</i> , <i>Cotoneaster apiculatus</i> , <i>Cotoneaster coriaceus</i> , <i>Cotoneaster integerrimus</i> , <i>Crataegus</i> ,	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	America: Canada, Mexico, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	apple maggot, blueberry maggot, railroad worm	<i>Crataegus crus-galli</i> , <i>Crataegus douglasii</i> (black hawthorn), <i>Crataegus laevigata</i> , <i>Crataegus mollis</i> , <i>Crataegus monogyna</i> (hawthorn), <i>Crataegus suksdorfii</i> , <i>Malus</i> (ornamental species apple), <i>Malus baccata</i> (siberian crab apple), <i>Malus domestica</i> (Apel, apple), <i>Prunus</i> (stone fruit), <i>Prunus americana</i> (American plum), <i>Prunus angustifolia</i> (Mountain cherry tree), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (plum), <i>Prunus emarginata</i> (Bitter cherry tree), <i>Prunus mahaleb</i> (mahaleb cherry) <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		plum), <i>Prunus virginiana</i> (common chokecherrytree), <i>Pyracantha coccinea</i> (scarlet firethorn), <i>Pyrus communis</i> (European pear), <i>Pyrus pyrifolia</i> (Oriental pear tree), <i>Rosa</i> (mawar, roses), <i>Rosa rugosa</i> (rugosa rose), <i>Rosa virginiana</i> (Virginia rose), <i>Sorbus aucuparia</i> (mountain ash), <i>Sorbus scopulina</i> , <i>Vaccinium corymbosum</i> (bluberi, blueberry)		
204.	<i>Rhizoecus albidus</i> Goux, 1942; (Syn. <i>Rhizoecus uniporus</i> Borchsenius & Tereznikova, 1959, <i>Rhizoecus gentianae</i> Panis, 1968); (Hemiptera: Rhizoecidae); white root-mealybug	<i>Achillea</i> , <i>Bellis</i> , <i>Gazania</i> , <i>Helic hrysium arenarium</i> , <i>Gymnocalycium baldianium</i> , <i>Gymnocalycium</i> sp., <i>Schlumbergera truncata</i> (christmas cactus), <i>Echeveria</i> sp., <i>Carex</i> , <i>Calluna vulgaris</i> , <i>Gentiana</i> , <i>Plantago alpina</i> , <i>Agrostis vulgaris</i> , <i>Arrhenatherum elatius</i> (false	akar (roots)	Africa: Morocco Asia: China, Iran, Kazakhstan Europe: Armenia, France, Germany, Greece, Hungary, Italy, Netherlands, Romania, Russia, Sweden, Ukraine, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		oatgrass), <i>Atropis</i> , <i>Corynephorus canescens</i> , <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Deschampsia flexuosa</i> , <i>Festuca arundinacea</i> , <i>Festuca ovina</i> , <i>Festuca sulcata</i> , <i>Holcus lanatus</i> (common velvet grass), <i>Stipa lessingiana</i>		
205.	<i>Rhizoecus falcifer</i> Kunckel d'Hercule, 1878; (Syn. <i>Rhizoecus decoratus</i> Green 1926, <i>Rhizoecus africanus</i> Brain 1915, <i>Ripersia terrestris</i> Newstead) (Hemiptera: Rhizoecidae)	Abutilon, Acacia, <i>Aeonium balsamiferum</i> , Agapanthus, Agave, Ajuga, Aralia, Araucaria, <i>Archontophoenix alexandrae</i> , <i>Argyranthemum frutescens</i> , <i>Buxus sempervirens</i> (common boxwood), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), Chamaerops, <i>Chamaerops humilis</i> , Cistus, <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Codiaeum</i> , <i>Coffea</i>	akar (roots)	Africa: Algeria, Morocco, Saint Helena, South Africa America: Chile, Costa Rica, Ecuador, Mexico, Suriname, Trinidad and Tobago, USA Europe: Bulgaria, Czechia, France, Germany, Hungary, Ireland, Italy, Malta, Spain, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>arabica</i> (kopi arabika, arabica coffee), <i>Coffea liberica</i> (kopi liberika, liberica coffee), <i>Convolvulus arvensis</i> (bindweed), <i>Cota tinctoria</i>, <i>Cupressus</i>, <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Dracaena</i>, <i>Erodium moschatum</i>, <i>Escallonia rubra</i>, <i>Fragaria</i>, <i>Geranium</i>, <i>Hibiscus</i>, <i>Hibiscus striatus</i>, <i>Howea belmoreana</i>, <i>Howea forsteriana</i>, <i>Iris</i>, <i>Jasminum</i>, <i>Kleinia pendula</i>, <i>Ligustrum</i>, <i>Lotus</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Matthiola</i>, <i>Ophiopogon</i>, <i>Parolinia intermedia</i>, <i>Passiflora edulis</i> (markisa, passionfruit), <i>Pelargonium</i>, <i>Petunia</i>, <i>Phoenix canariensis</i>, <i>Phoenix roebelenii</i>, <i>Phormium</i>, <i>Picea abies</i> (common spruce), <i>Piper</i>, <i>Prunus persica</i> (persik,</p>		

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		peach), <i>Sabal palmetto</i> , <i>Solanum tuberosum</i> (kentang, potato), <i>Stephanotis</i> , <i>Syringa vulgaris</i> (lilac), <i>Theobroma cacao</i> (kakao, cocoa), <i>Thymus</i> , <i>Tropaeolum majus</i> , <i>Vitis vinifera</i> (anggur, grapevine), <i>Zantedeschia aethiopica</i>		
206.	<i>Rhizoecus hibisci</i> Kawai & Takagi; (Syn. <i>Ripersiella hibisci</i> (Kawai & Takagi)); (Hemiptera: Pseudococcidae); root mealybug	Areca, Calathea, Callistemon (Bottle brush), <i>Camellia sinensis</i> (teh, tea), <i>Carex</i> , <i>Chamaerops humilis</i> (European fan palm), <i>Crinum asiaticum</i> (giant crinum lily), <i>Cryptanthus</i> , <i>Cuphea hyssopifolia</i> , <i>Dichorisandra thyrsiflora</i> , <i>Dieffenbachia</i> (dumbcanes), <i>Ficus</i> , <i>Hakonechloa macra</i> , <i>Hibiscus rosa-sinensis</i> (kembang sepatu, China-rose), <i>Hydriastele</i> , <i>Ligustrum ovalifolium</i> (california privet), <i>Nerium oleander</i> (oleander),	akar (roots)	Asia: China, Japan, Taiwan Europe: Belgium, Denmark, France, Germany, Italy, Spain, Switzerland America: Puerto Rico, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		Pelargonium (pelargoniums), <i>Phoenix</i> , <i>Phoenix canariensis</i> (Canary Island date palm), <i>Phoenix roebelenii</i> , <i>Punica granatum</i> (delima, pomegranate), <i>Rhapis</i> , Rhododendron (Azalea), Sabal, <i>Serissa foetida</i> , <i>Ulmus parvifolia</i> (lacebark elm), <i>Zelkova serrata</i> (Japanese selkova)		
207.	<i>Rhynchophorus ferrugineus</i> (Olivier, 1790); (Syn. <i>Calandra ferruginea</i> Fabricius, 1801, <i>Curculio ferrugineus</i> Oliver, 1790, <i>Rhynchophorus signaticollis</i> Chevrolat, 1882); (Coleoptera: Curculionidae) red palm weevil; Asiatic palm weevil; coconut weevil; red stripe weevil	<i>Agave americana</i> (century plant), <i>Areca catechu</i> (betelnut palm), <i>Arenga pinnata</i> (sugar palm), <i>Borassus flabellifer</i> (toddy palm), <i>Brahea armata</i> , <i>Brahea edulis</i> , <i>Butia capitata</i> (coquinho-azedo), <i>Calamus merrillii</i> , <i>Caryota cumingii</i> , <i>Caryota maxima</i> , <i>Caryota urens</i> (fishtail palm), <i>Chamaerops humilis</i> (dwarf fan palm), <i>Cocos nucifera</i>	titik tumbuh (growing points), batang (stems, trunks, shoots, branches)	Africa: Djibouti, Egypt, Libya, Mauritania, Morocco, Tunisia America: Aruba, Curacao, Netherlands Antilles Asia: Bahrain, Bangladesh, Cambodia, China, Georgia, Hongkong, India, Iran, Iraq, Israel, Japan, Jordan, Kuwait, Lebanon, Malaysia, Myanmar, Oman, Pakistan, Philippines, Qatar, Saudi Arabia, Sri Lanka, Syria, Taiwan, Thailand, Turkey, United Arab Emirates, Vietnam,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(coconut), <i>Corypha umbraculifera</i> , <i>Corypha utan</i> (gebang palm), <i>Elaeis guineensis</i> (African oil palm), <i>Howea forsteriana</i> (paradise palm), <i>Jubaea chilensis</i> (Chilean palm), <i>Livistona chinensis</i> (Chinese fan palm), <i>Livistona decora</i> , <i>Metroxylon sagu</i> (sago palm), <i>Phoenix canariensis</i> (Canary Island date palm), <i>Phoenix dactylifera</i> (date-palm), <i>Phoenix sylvestris</i> (east Indian wine palm), <i>Roystonea regia</i> (cuban royal palm), <i>Sabal palmetto</i> (palmetto-palm), <i>Sabal palmetto</i> (Cabbage palmetto), <i>Saccharum officinarum</i> (sugarcane), <i>Trachycarpus fortunei</i> (chinese windmill palm), <i>Washingtonia filifera</i> (desert fanpalm), <i>Washingtonia robusta</i>		Yemen Europe: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, France, Greece, Italy, Malta, Montenegro, Portugal, Russia, Slovenia, Spain

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(mexican washington-palm)		
208.	<p><i>Rhynchophorus palmarum</i> (Linnaeus 1758); (Syn. <i>Calandra palmarum</i> (Linnaeus) 1801, <i>Cordyle barbirostris</i> Thunberg, 1797, <i>Cordyle palmarum</i> (Linnaeus) 1797, <i>Curculio palmarum</i> Linnaeus, 1758, <i>Rhynchophorus barbirostris</i> (Thunberg), <i>Rhynchophorus cycadis</i> Erichson, 1847, <i>Rhynchophorus depressus</i> Chevrollet, 1880, <i>Rhynchophorus languinosus</i> Chevrollet, 1880); (Coleoptera: Curculionidae); South American palm weevil; boring weevil; palm weevil; palm-marrow weevil</p>	<p><i>Artocarpus altilis</i>, <i>Artocarpus communis</i> (sukun, breadfruit), <i>Ananas comosus</i> (nanas, pineapple), <i>Annona reticulata</i>, <i>Carica papaya</i> (pepaya, papaya), <i>Citrus</i> spp. (jeruk, orange), <i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Euterpe</i> sp., <i>Mangifera indica</i> (mangga, mango), <i>Metroxylon sagu</i> (sagu, sago palm), <i>Musa</i> spp. (pisang, banana), <i>Musa x paradisiaca</i> (plantain), <i>Persea americana</i> (alpukat, avocado), <i>Psidium guajava</i> (jambu biji, guava), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Phoenix canariensis</i>, <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Theobroma cacao</i> (kakao, cocoa), <i>Washingtonia robusta</i></p>	batang (stems), daun (leaves)	Africa: Ivory Coast America: Argentina, Barbados, Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guyana France, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Martinique, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, USA, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(mexican washington-palm)		
209.	<i>Rhynchophorus phoenicis</i> (Fabricius, 1801); (Syn. <i>Rhynchophorus niger</i> Faust, 1899 (var. of <i>phoenicis</i>), <i>Rhynchophorus phoenicis</i> , <i>Rhynchophorus ruber</i> Faust, 1899 (var. of <i>phoenicis</i>)); (Coleoptera: Curculionidae); African palm weevil, boring weevil	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Metroxylon</i> , <i>Phoenix</i> spp., <i>Phoenix dactylifera</i> (Kurma, date-palm), <i>Raphia</i> sp.	batang (stems), daun (leaves), titik tumbuh (growing point)	Africa: Angola, Benin, Cameroon, DR Congo, Ethiopia, Ghana, Ivory Coast, Kenya, Mozambique, Nigeria, Senegal, Sierra Leone, Somalia, South Africa, Tanzania, Uganda
210.	<i>Sacadodes pyralis</i> Dyar, 1912; (Lepidoptera: Noctuidae) Colombian pink bollworm, pink cotton boll worm, Thurberia bollworm, Trinidad bollworm, South American red bollworm, sugarcane stalk borer, South American bollworm	<i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Cienfuegosia affinis</i> , <i>Hibiscus sabdariffa</i> (rosela, roselle), <i>Gossypium barbadens</i> (kapas, cotton)	buah (fruits (in. Pods)), batang (stems (above ground), shoots, trunks, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), biji (true seed (inc. grain), tanah (soil)	America: Colombia, Costa Rica, El Salvador, Guyana, Nicaragua, Panama, Paraguay, Trinidad and Tobago, Venezuela
211.	<i>Saccharosydne saccharivora</i>	<i>Saccharum officinarum</i> (tebu,	batang (stems), daun	America: Antigua and Barbuda,

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	(Westwood); (Syn. <i>Delfax sacarioxa</i> Valdes Ragues, <i>Delphax saccharivora</i> Westw., <i>Megamelanus rufivittatus</i> Ball., <i>Saccharosdyne saccharivora</i> , <i>Stenocranoides viridis</i> , <i>Stenocranus saccharivorus</i> Westw.); (Hemiptera: Delphacidae); West Indian cane fly, delphacid planthopper, West Indian sugarcane leafhopper	sugarcane)	(leaves), bunga (flowers, inflorescences, cones, calyx)	Bahamas, Barbados, Costa Rica, Cuba, Dominica, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Puerto Rico, Saint Lucia, Saint Vincent and Grenadines, Trinidad and Tobago, USA, Venezuela
212.	<i>Sahlbergella singularis</i> Haglund; (Syn. <i>Sahlbergella theobroma</i> Dist.); (Heteroptera: Miridae); mirids, brown capsid, cocoa mirids, cocoa capsid, cocoa capsid stem sapper	<i>Bombax buonopozense</i> (silk-cotton tree), <i>Ceiba pentandra</i> (kapuk randu, kapok), <i>Cola</i> spp. (kola), <i>Cola nitida</i> (bitter cola), <i>Gossypium barbadens</i> (kapas, cotton), <i>Theobroma</i> spp., <i>Theobroma bicolor</i> (nicaraguan cocoa), <i>Theobroma cacao</i> (kakao, cocoa), <i>Theobroma grandiflorum</i> (cupuassu)	batang (stems (above ground), shoots, trunks, branches), daun (leaves), buah (fruits (inc. pods)	Africa: Angola, Benin, Cameroon, Central African Republic, DR Congo, Congo, Equatorial Guinea, Ghana, Ivory Coast, Madagascar, Nigeria, Sao Tome and Principe, Sierra Leone, Togo, Uganda

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
213.	<i>Scolytus rugulosus</i> (Muller); (Syn. <i>Eccoptogaster mediterraneus</i> Egg., <i>Eccoptogaster rugulosus</i> Ratz., <i>Ruguloscolytus mediterraneus</i> (Egg.), <i>Ruguloscolytus rugulosus</i> (Ratz.), <i>Scolytus mediterraneus</i> (Eggers)); (Coleoptera: Scolytidae); apple tree beetle, fruit tree bark beetle, shot-hole borer	<i>Cydonia oblonga</i> (kwinsi, quince) <i>Malus domestica</i> (apel, apple), <i>Mespilus germanica</i> (medlar), <i>Prunus</i> spp. (stone fruit), <i>Prunus cerasus</i> (kersen, cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia</i> (Oriental pear tree), <i>Prunus domestica</i> (prem, plum), other stone fruit (buah batu lainnya)	batang (stems, trunks, shoots, branches), daun (leaves), buah (fruits)	Africa: Algeria, Egypt, Libya, Morocco, Tunisia America: Argentina, Brazil, Canada, Chile, Peru, Uruguay, USA Asia: Afghanistan, Georgia, Iran, Iraq, Israel, Lebanon, Pakistan, Saudi Arabia, Syria, Turkey, Turkmenistan Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Russia, Serbia, Slovenia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
214.	<i>Sesamia calamistis</i> Hampson, 1910;	<i>Carex</i> (sedges), <i>Cyperus papyrus</i> , cerealia, <i>Oryza</i>	batang (stems), daun (leaves)	Africa: Angola, Benin, Burkina Faso, Burundi, Cameroon,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Syn. <i>Sesamia mediastriga</i> , <i>Sesamia vuteria</i>); (Lepidoptera: Noctuidae); African pink stem borer, African pink borer of sugarcane, Mauritius pink borer of sugarcane, pink stalk borer of sugarcane, southern pink borer of sugarcane	<i>sativa</i> (padi, paddy, rice), Poaceae (grasses), <i>Pennisetum glaucum</i> (pearl millet), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)		Comoros, DR Congo, Congo, Eritrea, Ethiopia, Gambia, Ghana, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritius, Mozambique, Niger, Nigeria, Rwanda, Reunion, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe
215.	<i>Sesamia cretica</i> Lederer; (Syn <i>Sesamia cretica rufescens</i> Schawerda, <i>Sesamia cyrnaea</i> Mabilie, <i>Sesamia griselda</i> Warren, <i>Sesamia pecki</i> Tams, <i>Sesamia uniformis</i> Dudgeon, <i>Sesamia vuteria vuterioides</i> Strand); (Lepidoptera: Noctuidae); corn stem borer, greater sugarcane borer, stem corn borer, durra stem borer, corn pink borer, large corn borer,	<i>Oryza sativa</i> (padi, paddy, rice), Poaceae (grasses), <i>Pennisetum glaucum</i> (pearl millet), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), daun (leaves), biji	Africa: Algeria, Cameroon, Chad, Egypt, Eritrea, Ethiopia, Kenya, Libya, Mali, Morocco, Niger, Nigeria, Somalia, Sudan, Togo, Tunisia Asia: China, India, Iran, Iraq, Israel, Jordan, Kyrgyzstan, Lebanon, Pakistan, Saudi Arabia, Sri Lanka, Syria, Tajikistan, Thailand, Turkey, Uzbekistan, Yemen Europe: Albania, Bulgaria, Bosnia and Herzegovina, Croatia, France, Greece, Italy,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	pink sugarcane borer, sugarcane pink borer, sorghum borer			Montenegro, North Macedonia, Portugal, Russia, Slovenia, Spain, Serbia
216.	<i>Sirex noctilio</i> Fabricius; (Syn. <i>Paururus noctilio</i>); (Hymenoptera: Siricidae); woodwasp, steel blue, horntail, european woodwasp, sirex wasp, wood wasp, steel-blue	<i>Pinus banksiana</i> (jack pine), <i>Pinus canariensis</i> (Canary pine), <i>Pinus contorta</i> (lodgepole pine), <i>Pinus densiflora</i> (Japanese umbrella pine), <i>Pinus echinata</i> (shortleaves pine), <i>Pinus elliottii</i> (slash pine), <i>Pinus halepensis</i> (Aleppo pine), <i>Pinus jeffreyi</i> (Jeffrey pine), <i>Pinus nigra</i> (black pine), <i>Pinus palustris</i> (longleaves pine), <i>Pinus patula</i> (Mexican weeping pine), <i>Pinus pinaster</i> (maritime pine), <i>Pinus pinea</i> (stone pine), <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus radiata</i> (radiata pine), <i>Pinus taeda</i> (loblolly pine), <i>Abies</i> (firs), <i>Abies alba</i> (silver fir), <i>Larix</i> (larches), <i>Picea</i>	batang (stems (above ground), shoots, trunks, branches), kayu (woods)	Africa: Algeria, Morocco, South Africa, Tunisia America: Canada, USA, Argentina, Brazil, Chile, Uruguay Asia: China, Georgia, Mongolia Europe: Austria, Belgium, Cyprus, Czechia, Slovakia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Montenegro, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(spruces), <i>Picea abies</i> (common spruce), <i>Pinus sylvestris</i> (Scots pine)		
217.	<i>Sitophilus granarius</i> Linnaeus, 1785; (Syn. <i>Calandra granaria</i> , <i>Calendra granaria</i> , <i>Curculio granarius</i>); (Coleoptera: Dryophthoridae); grain weevil, maize weevil, granary weevil	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Avena sativa</i> (oat, oats), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), stored products (dried stored products), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum</i> spp. (milets), <i>Pennisetum</i> spp. (feather grass), <i>Secale cereale</i> (rye), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticale</i> spp., <i>Vicia faba</i> (faba or broad bean), <i>Zea mays</i> (jagung, corn, maize)	biji (true seed (inc. grain))	Africa: Algeria, Cameroon, Egypt, Eswatini, Morocco, South Africa America: Argentina, Canada, Chile, Mexico, USA Asia: Afghanistan, China, India, Iran, Iraq, Israel, Kazakhstan, Malaysia, Saudi Arabia, Sri Lanka, Syria, Thailand, Turkey, Yemen Europe: Austria, Belgium, Bosnia, Croatia, Czechia, Denmark, France, Germany, Greece, Herzegovina, Hungary, Ireland, Italy, Lithuania, Norway, Poland, Romania, Russia, Serbia, Slovenia, Spain, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand
218.	<i>Sophronica ventralis</i>	<i>Coffea</i> spp. (kopi, coffee),	batang (stems), daun	Africa: DR Congo, Ivory Coast,

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	Aurivillius, 1925; (Coleoptera: Cerambycidae); berry borer	<i>Coffea arabica</i> , <i>Coffea canephora</i>	(leaves), biji (true seeds (inc. grain), buah (fruits)	Kenya, Tanzania, Uganda
219.	<i>Spodoptera littoralis</i> (Boisduval); (Syn. <i>Hadena littoralis</i> Boisduval, <i>Noctua gossypii</i> , <i>Prodenia littoralis</i> (Boisduval), <i>Prodenia retina</i> (Freyer), <i>Prodenia testaceoides</i> Guenee); (Lepidoptera: Noctuidae); cotton leafworm, Egyptian cottonworm	<i>Abelmoschus esculentus</i> (okra), <i>Acacia nilotica</i> (gum arabic tree), <i>Actinidia arguta</i> (tara vine), <i>Alcea rosea</i> (hollyhock), <i>Allium cepa</i> (bawang bombay, onion), <i>Allium fistulosum</i> (bawang daun, Welsh onion), <i>Amaranthus</i> (amaranth), <i>Anemone</i> (windflower), <i>Antirrhinum majus</i> (snapdragon), <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Beta vulgaris</i> (bit, beetroot), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugarbeet), <i>Brassica oleracea</i> (kol, cabbages), <i>Brassica</i>	bahan perbanyakan (propagation material), batang (stems), daun (leaves), titik tumbuh (growing points), tangkai (stalks), tunas bunga (flower buds)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, Saint Helena, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe Asia: Bahrain, China, India, Iran, Iraq, Israel, Jordan,

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		<p><i>oleracea var. capitata</i>, <i>Brassica rapa</i> subsp. <i>chinensis</i> (pak-choy, Chinese cabbage), <i>Brassica rapa</i> subsp. <i>pekinensis</i>, <i>Brassicaceae</i>, <i>Caladium</i>, <i>Callistephus chinensis</i> (China aster), <i>Camellia sinensis</i> (teh, tea), <i>Canna</i>, <i>Capsicum</i> (peppers), <i>Capsicum annuum</i> (cabai besar, paprika, bell- pepper, hot pepper, chilies), <i>Casuarina equisetifolia</i> (casuarina), <i>Chloris gayana</i> (Rhodes grass), <i>Chrysanthemum indicum</i> (krisan, chrysanthemum), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus</i>, <i>Citrus</i> <i>aurantium</i> (sour orange), <i>Coffea arabica</i>, <i>Convolvulus</i> (morning glory), <i>Corchorus</i> <i>capsularis</i> (white jute), <i>Corchorus olitorius</i> (yute,</p>		<p>Lebanon, Oman, Pakistan, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen Europe: Cyprus, France, Greece, Italy, Malta, Portugal, Spain</p>

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		jute), <i>Cryptomeria</i> , <i>Cucurbita</i> , <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cynara cardunculus var. scolymus</i> (globe artichoke), <i>Dalbergia sissoo</i> , <i>Datura</i> (thorn-apple), <i>Daucus carota</i> (wortel, carrot), <i>Dianthus barbatus</i> (sweet william), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Eucalyptus globulus</i> (Tasmanian blue gum), Euphorbiaceae, Fabaceae, <i>Ficus carica</i> (ara, fig), <i>Fragaria vesca</i> (wild strawberry), <i>Gerbera</i> (Barbeton daisy), <i>Gladiolus hybrids</i> (sword lily), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (kapas, cotton), <i>Gossypium barbadense</i> (Gallini cotton), <i>Guizotia abyssinica</i> , <i>Helianthus annuus</i> (bunga matahari,		

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		sunflower), <i>Helianthus tuberosus</i> (Jerusalem artichoke), <i>Hibiscus cannabinus</i> (kenaf), <i>Hibiscus mutabilis</i> (cottonrose), <i>Indigofera tinctoria</i> (true indigo), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Jatropha curcas</i> (jarak, jatropha), <i>Lactuca sativa</i> (selada, lettuce), <i>Lantana</i> , <i>Luffa aegyptiaca</i> (loofah), <i>Lycopersicon</i> , <i>Malus sylvestris</i> (crab-apple tree), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Melilotus</i> spp., <i>Mentha spicata</i> (spear mint), <i>Monstera deliciosa</i> , <i>Morus</i> , <i>Musa</i> (banana), <i>Musa x paradisiaca</i> (pisang kepok, plantain), <i>Nicandra physalodes</i> (apple of Peru), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Opuntia</i> (Pricklypear), <i>Oryza sativa</i>		

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		(padi, paddy, rice), <i>Persea americana</i> (alpukat, avocado), <i>Phaseolus</i> (beans), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Phoenix dactylifera</i> (kurma, date-palm), <i>Piper</i> (pepper), <i>Pistia stratiotes</i> (water lettuce), <i>Pisum sativum</i> (kapri, pea), Poaceae (grasses), <i>Populus alba</i> (silver-leaf poplar), <i>Portulaca oleracea</i> (krokot, purslane), <i>Prunus domestica</i> (prem, plum), <i>Prunus salicina</i> (Japanese plum), <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima, pomegranate), <i>Quercus petraea</i> (durmast oak), <i>Raphanus sativus</i> (lobak, radish), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Rosa</i> (roses), <i>Saccharum officinarum</i> (tebu, sugarcane),		

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		<p><i>Salvia officinalis</i> (common sage), <i>Senecio</i> (Groundsel), <i>Sesamum indicum</i> (wijen, sesame), <i>Sesbania sesban</i> (sesban), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Spinacia oleracea</i> (bayam, spinach), <i>Tectona grandis</i> (jati, teakwood), <i>Theobroma cacao</i> (kakao, cocoa), <i>Trifolium</i> (clovers), <i>Trifolium alexandrinum</i> (Berseem clover), <i>Trifolium repens</i> (white clover), <i>Trifolium spp.</i>, <i>Trigonella foenum-graecum</i> (fenugreek), <i>Triticum aestivum</i> (gandum, wheat), <i>Verbena</i>, <i>Vicia faba</i> (kacang babi, faba bean), <i>Vigna</i></p>		

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		<i>angularis</i> (adzuki bean), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (mung bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea), <i>Viola odorata</i> (English violet), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, maize, corn), <i>Zinnia elegans</i>		
220.	<i>Steirastoma breve</i> (Sulzer, 1776); (Syn. <i>Cerambyx brevis</i> Sulzer, 1776, <i>Streirastoma depressum</i> (Fabricius, 1781), <i>Stirastoma breve</i> (Sulzer, 1776), <i>Stirastoma depressum</i> (Fabricius, 1781)); (Coleoptera: Cerambycidae); cacao beetle	<i>Abelmoschus esculentus</i> (okra), <i>Bombax ceiba</i> (silk cotton tree), <i>Ceiba pentandra</i> (kapok), <i>Cocos nucifera</i> (kelapa, coconut), <i>Erythrina velutina</i> , <i>Eucalyptus</i> , <i>Hibiscus</i> (rosemallows), <i>Hibiscus tiliaceus</i> (coast cottonwood), <i>Pachira</i> , <i>Pachira aquatica</i> (pachira nut), <i>Pachira insignis</i> (wild chestnut), <i>Salix</i> (willows), <i>Tectona grandis</i> (jati, teakwood), <i>Theobroma cacao</i> (kakao, cocoa), <i>Wisteria</i>	batang (stems), cabang (branches)	America: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Grenada, Guadeloupe, Guyana, Jamaica, Martinique, Paraguay, Peru, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, USA, Venezuela

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221.	<i>Stenoma decora</i> Zeller; (Syn. <i>Acryptorhynchus mangiferae</i> , <i>Cryptorhynchus mangiferae</i> , <i>Curculio mangiferae</i> , <i>Sternochetus ineffectus</i> (= <i>Cryptolechia decora</i> Zeller); (Lepidoptera: Oecophoridae); cacao fruit and shoot borer, shoot and pod borer	<i>Ceiba pentandra</i> (kapuk randu, kapok), <i>Theobroma cacao</i> (kakao, cocoa)	daun (leaves), buah (fruits (inc. pods)	America: Brazil
222.	<i>Sternochetus mangiferae</i> (Fabricius, 1775); (Syn. <i>Acryptorhynchus mangiferae</i> (Fabricius), <i>Cryptorhynchus mangiferae</i> (Fabricius), <i>Curculio mangiferae</i> , <i>Sternochetus ineffectus</i> (Walker)) (Coleoptera: Curculionidae) mango nut weevil, mango seed weevil, mango stone weevil, mango weevil	<i>Mangifera foetida</i> (bacang, bachang), <i>Mangifera indica</i> (mangga, mango)	batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds (inc. grain), buah (fruits (inc. pods), kulit kayu (bark), media tanam (growing media associated with plants)	Africa: Central African Republic, Gabon, Ghana, Guinea, Kenya, Liberia, Madagascar, Malawi, Mauritius, Mozambique, Reunion, Seychelles, South Africa, Tanzania, Uganda, Zambia America: Barbados, Brazil, British Virgin Islands, Chile, Dominica, French Guiana, Grenada, Guadeloupe, Martinique, Montserrat, Saint Lucia, Saint Vincent and The Grenadines, Trinidad and

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				Tobago, US Virgin Islands, USA Asia: Bangladesh, British, Indian Ocean territory, India, Myanmar, Nepal, Oman, Sri Lanka, Yemen Oceania: Australia, French Polynesia, Guam, New Caledonia, Northern Mariana Islands, Tonga, Wallis and Futuna Islands
223.	<i>Stromatium barbatum</i> (Fabricius); (Coleoptera: Cerambycidae) drywood longicorn beetle	Citrus, Eucalyptus, Oak, Pines	batang (stems, shoots, trunks, branches), kayu (woods)	Africa: Madagascar, Mauritius, Tanzania Asia: India, Myanmar, Nepal, Pakistan, Sri Lanka Europe: Sweden
224.	<i>Tagosodes cubanus</i> D.L. Crawford; (Syn. <i>Chloriona cubana</i> , <i>Dicranotropis cubanus</i> , <i>Sogata cubana</i> D.L. Crawford, <i>Sogatella cubana</i> , <i>Sogatodes cubanus</i> D.L. Crawford); (Hemiptera: Delphacidae);	<i>Cicer arietinum</i> , <i>Lens esculenta</i> (lentils), <i>Glycine max</i> (kedelai, soyabean), <i>Oryza sativa</i> (padi, paddy, rice), <i>Vigna</i> spp. (buncis, cowpea), <i>Vigna radiata</i> (kacang hijau, mungbean)	batang (stems, trunks, shoots, branches), pelepah (midrib), daun (leaves)	Africa: Benin, Ivory Coast America: Colombia, Cuba, Guyana, Mexico, Puerto Rico, Suriname, Trinidad and Tobago, USA, Venezuela

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	paddy plant hopper			
225.	<i>Tagosodes orizicolus</i> Muir; (Syn. <i>Chloriona orizicola</i> , <i>Sogata brazilensis</i> Muir, <i>Sogata orizicola</i> Muir, <i>Sogatodes brazilensis</i> (Muir), <i>Sogatodes orizicola</i> (Muir), <i>Sogatodes orizicolus</i> , <i>Sogatodes orizicolus</i> Muir, <i>Sogatodes oryzicola</i> (Muir), <i>Tagosodes brazilensis</i>); (Hemiptera: Delphacidae); rice delphacid, rice leafhopper	<i>Oryza sativa</i> (padi, paddy, rice)	batang (stems), daun (leaves), pelepah (midrib)	America: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Guyana, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Suriname, Trinidad and Tobago, USA, Venezuela
226.	<i>Thaumatotibia leucotreta</i> Meyrick; (Syn. <i>Cryptohlebia</i> <i>leucotreta</i> Meyrick, <i>Cryptophlebia roerigii</i> Zacher, <i>Olethreutes</i> <i>leucotreta</i> Meyrick, <i>Thaumatotibia roerigii</i> Zacher); (Lepidoptera: Tortricidae): false codling moth, citrus	<i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Abutilon</i> <i>hybridum</i> , <i>Acca sellowiana</i> , <i>Afrocarpus falcata</i> (smooth- barked yellow wood), <i>Agelaea</i> <i>pentagyna</i> , <i>albuca Ananas</i> <i>comosus</i> (nanas, pineapple), <i>Annona muricata</i> (sirsak, soursop), <i>Annona</i> <i>senegalensis</i> (wild custard	buah (fruits inc. pods)), bunga (flowers, inflorescences, cones, calyx)	Africa: Angola, Benin, Burkina Faso, Burundi, Cameroon, Cape Verde, Central Africa, Chad, DR Congo, Eritrea, Eswatini, Ethiopia, Gambia, Ghana, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritius, Mozambique, Niger, Nigeria, Reunion, Rwanda, Saint Helena, Senegal, Sierra Leone, Somalia,

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	codling moth, orange codling moth, orange moth	apple), <i>Averrhoa carambola</i> (belimbing, carambola, star-fruit), <i>Aristolochia albida</i> , <i>Asparagus crassifolius</i> , <i>Blighia unijugata</i> , <i>Bridelia cathartica</i> , <i>Bridelia micrantha</i> , <i>Camellia sinensis</i> (teh, tea), <i>Chaetacme aristata</i> , <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Ceiba pentandra</i> (kapuk randu, kapok), <i>Chrysophyllum albidum</i> , <i>Chrysophyllum cainito</i> (<i>caimito</i>), <i>Chrysophyllum viridifolium</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Cola minor</i> , <i>Crassula ovata</i> (jade plant), <i>Croton sylvaticus</i> , <i>Deinbollia borbonica</i> , <i>Diospyros kaki</i> (persimmon), <i>Diospyros</i>		South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: Israel Europe: Switzerland

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		<p><i>mespiliformis</i> (ebony diospiros), <i>Dimocarpus litchii</i> (leci, lychee), <i>Drypetes natalensis</i> var. <i>Leiogyna</i>, <i>Eriobotrya japonica</i> (loquat), <i>Eugenia uniflora</i> (Surinam cherry), <i>Flagellaria guineensis</i>, <i>Gossypium</i> (kapas, cotton), <i>Grewia tephrodermis</i>, <i>Guettarda speciosa</i>, <i>Haplocoelum trigonocarpum</i>, <i>Harpephyllum caffrum</i>, <i>Hirtella zanzibarica</i>, <i>Hirtella zanzibarica</i>, <i>Landolphia</i>, <i>Lepisanthes senegalensis</i>, <i>Lettowianthus stellatus</i>, <i>Litchi chinensis</i> (leci, lichi), <i>Macadamia ternifolia</i>, <i>Mangifera indica</i> (mangga, mango), <i>Mimusops bagshawei</i>, <i>Mimusops obtusifolia</i>, <i>Monodora grandidieri</i>, <i>Ochna mossambicensis</i>, <i>Opuntia</i></p>		

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		<p><i>ficus-indica</i> (prickly pear), <i>Olea europea subsp. Europea</i> (zaitum, olive), <i>Pappea capensis</i>, Passiflora (passionflower), <i>Persea americana</i> (alpukat, avocado), Plinia cauliflora, Prunus domestica (plum), <i>Prunus persica</i> (persik, peach), <i>Psidium cattleianum</i> (strawberry guava), <i>Psidium friedrichsthalianum</i> (wild guava), <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima, pomegranate), <i>Quercus</i> (oaks), <i>Ricinus communis</i> (castor bean), <i>Rosa</i> (roses), <i>Rourea minor</i>, <i>Salacia elegans</i>, <i>Salacia leptoclada</i>, <i>Schotia afra</i>, <i>Solanum melongena</i> (aubergine), <i>Solanum tomentosum</i>, <i>Sorghum bicolor</i> (sorgum),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		sorghum), <i>Stephania abyssinica</i> , <i>Syzygium cordatum</i> , <i>Syzygium guineense</i> (woodland waterberry), <i>Syzygium paniculatum</i> (australian brush-cherry), <i>Syzygium samarangense</i> (water apple), <i>Uvaria acuminata</i> , <i>Uvaria scheffleri</i> , <i>Uvariadendron anisatum</i> , <i>Vepris fadenii</i> , <i>Vepris nobilis</i> , <i>Vitis vinifera</i> (Anggur, grapevine), <i>Ximenia americana</i> (hog plum), <i>Ximenia caffra</i> , <i>Xylopiaparviflora</i> , <i>Zanha golungensis</i> , <i>Zea mays</i> (jagung, corn, maize) <i>Ziziphus mauritiana</i> (jojoba, jujube), <i>Ziziphus mucronata</i> , <i>Ziziphus pubescens</i>		
227.	<i>Toxotrypana curvicauda</i> Gerstaecker; (Syn. <i>Mikimyia furcifera</i> Bigot, <i>Toxotrypana</i>	<i>Carica papaya</i> (pepaya, papaya)	buah (fruits), media tanam (growing media associated with plant),	America: Bahamas, Belize, Colombia, Costa Rica, Cuba, Dominican Republic, El

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	<i>fairbatesi</i> Munro); (Diptera: Tephritidae); papaya fruit fly		tanah (soil)	Salvador, Guatemala, Haiti, Honduras, Mexico, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, Saint Kitts and Nevis, Trinidad and Tobago, USA, Virgin Islands, Venezuela
228.	<i>Trichispa sericea</i> (Guerin-Meneville); (Coleoptera: Chrysomelidae); rice hispids	<i>Oryza sativa</i> (padi, paddy, rice)	batang (stems), daun (leaves)	Africa: Angola, Burkina Faso, Burundi, Cameroon, Congo, Eswatini, Ethiopia, Kenya, Madagascar, Mali, Nigeria, Rwanda, Senegal, South Africa, Sudan, Tanzania, Togo, Uganda Europe: Spain
229.	<i>Trogoderma granarium</i> Everts, 1898; (Syn. <i>Trogoderma affrum</i> Priesner, 1951, <i>Trogoderma khapra</i> Arrow, 1917, <i>Trogoderma koningsbergeri</i> , 1933, <i>Trogoderma granarium</i> ssp. <i>afrum</i> Attia and Kamel, 1965); (Coleoptera: Dermestidae); kumbang kaphra, khapra	<i>Arachys hypogaea</i> (kacang tanah, groundnut), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> (millet), <i>Sesamum</i>	biji (true seed (inc. grain)), karung goni/alat pembungkus bekas komoditi, makanan ternak	Africa: Algeria, Burkina Faso, Egypt, Libya, Madagascar, Mali, Mauritania, Morocco, Niger, Nigeria, Senegal, Somalia, Sudan, Tanzania, Tunisia, Zambia, Zimbabwe Asia: Afghanistan, Bangladesh, Georgia, India, Iran, Iraq, Israel, Kazakhstan, Kyrgyzstan, Lebanon, Myanmar, Nepal, Pakistan, Qatar, Republic of

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	beetle	<i>indicum</i> (wijen, sesame), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), http://www.cabi.org/cpc/Default.aspx?LoadModule=datasheet&site=161&page=868&CompID=1&dsID=56364 <i>Vigna unguiculata</i> (cowpea), <i>Zea mays</i> (jagung, corn, maize)		Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yemen Europe: Albania, Armenia, Azerbaijan, Belarus, Cyprus, Estonia, Greece, Italy, Lithuania, Latvia, Moldova, Norway, Spain, Switzerland, Ukraine
230.	<i>Tryphocaria mastersi</i> Pascoe; (Coleoptera: Cerambycidae); eucalypt ring barber	<i>Acacia</i> spp.	batang (stems, trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Oceania: Australia
231.	<i>Undulambia polystichalis</i> (Capps, 1965); (Lepidoptera: Crambidae); leatherleaves fern borer moth	Leather Leaves Fern, <i>Rumohra adiantiformis</i> , <i>Polypodium scolieri</i> , <i>Pyrrosia</i> <i>eleagnifolia</i>	rimpang (rhizomes)	America: USA
232.	<i>Xestobium rufovillosum</i> (De Geer, 1744); (Syn. <i>Xestobium tessellatum</i>) (Coleoptera: Anobiidae);	<i>Quercus</i> (oak), <i>Castanea</i> (chestnut), other hardwood	batang (stems, trunks, shoots, branches), kayu (woods)	America: Canada, Mexico, USA Asia: Armenia, Azerbaijan, Europe: Albania, Andorra, Austria, Belarus, Belgium,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	death watch beetle, knock beetle			Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia
233.	<i>Xyleborinus saxesenii</i> (Ratzeburg); (Syn. <i>Botrichus saxesenii</i> Ratzeburg, <i>Tomicus decolor</i> Boieldieu, <i>Tomicus dohrni</i> Wollaston, <i>Xyleborinus librocedri</i> Swaine, <i>Xyleborinus tsugae</i> Sawine, <i>Xyleborus aesculi</i> Ferrari,	<i>Abies alba</i> (silver fir), <i>Acacia koa</i> (koa), <i>Acer platanoides</i> (Norway maple), <i>Acer saccharum</i> (sugar maple), <i>Aesculus hippocastanum</i> (horse chestnut), <i>Alnus glutinosa</i> (European alder), <i>Betula pubescens</i> (Downy birch), <i>Castanea mollissima</i>	bibit tanaman (seedlings), batang (trunks, shoots, branches), kayu (woods), kulit kayu (bark), buah (fruits)	Africa: Algeria, Cameroon, Egypt, Morocco, South Africa, Tunisia America: Argentina, Bermuda, Brazil, Canada, Chile, Ecuador, Mexico, Paraguay, USA Asia: Armenia, Azerbaijan, China, DPR Korea (North Korea), India, Iran, Israel, Japan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Xyleborus angustatus</i> Eichhoff, <i>Xyleborus arbuti</i> Hopkins, <i>Xyleborus floridensis</i> Hopkins, <i>Xyleborus frigidus</i> Blackburn, <i>Xyleborus paraguayensis</i> Schedl, <i>Xyleborus pecanus</i> Hopkins, <i>Xyleborus peregrinus</i> Eggers, <i>Xyleborus pseudoangustatus</i> Schedl, <i>Xyleborus pseudogracilis</i> schedl, <i>Xyleborus quercus</i> Hopkins, <i>Xyleborus retrusus</i> Schedl, <i>Xyleborus saxesenii</i> (Ratzeburg), <i>Xyleborus sobrinus</i> Eichnoff, <i>Xyleborus subdepressus</i> Rey, <i>Xyleborus subspinosus</i> Eggers) (Coleoptera: Scolytidae); fruit tree pinhole borer, ambrosia beetle</p>	<p>(hairy chestnut), <i>Castanea sativa</i> (chestnut), <i>Celtis tenuifolia</i>, <i>Cornus florida</i> (Flowering dogwood), <i>Corylus avellana</i> (hazel), <i>Cryptomeria japonica</i> (Japanese cedar), <i>Eucalyptus spp.</i>, <i>Fagus sylvatica</i> (common beech), <i>Fraxinus excelsior</i> (ash), <i>Juglans nigra</i> (black walnut), <i>Juglans regia</i> (walnut), <i>Knightia excelsa</i>, <i>Larix decidua</i> (common larch), <i>Malus domestica</i> (apple), <i>Metrosideros collina</i>, <i>Morella faya</i> (firetree), <i>Persea americana</i> (alpukat, avocado), <i>Picea abies</i> (common spruce), <i>Pinus radiata</i> (radiata pine), <i>Pinus sylvestris</i> (Scots pine), <i>Populus nigra</i> (black poplar), <i>Prunus armeniaca</i> (apricot), <i>Prunus domestica</i> (plum), <i>Prunus persica</i> (persik,</p>		<p>Mongolia, Philippines, Republic of Korea (South Korea), Syria, Taiwan, Tajikistan, Turkey, Vietnam Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Luxemburg, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand, Papua Nugini</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		peach), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus communis</i> (European pear), <i>Quercus alba</i> (white oak), <i>Quercus robur</i> (common oak), <i>Rhus typhina</i> (staghorn sumac), <i>Salix cinerea</i> (grey willow), <i>Sambucus nigra</i> (elder), <i>Tilia americana</i> (basswood), <i>Tsuga canadensis</i> (eastern hemlock), <i>Ulmus glabra</i> (mountain elm), <i>Weinmannia racemosa</i> (maori)		
234.	<i>Zonocerus elegans</i> (Thunberg); (Syn. <i>Acrydium sanguinolentum</i> De Geer, 1773, <i>Gryllus elegans</i> Thunberg, 1815, <i>Poecilocus roseipennis</i> Serville, 1831 (Orthoptera: Pyrgomorphidae) elegant grasshopper	<i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> (bawang bombay, onion), <i>Amaranthus hybridus</i> (bayam, spinach), <i>Amaranthus</i> (grain amaranth), <i>Ananas comosus</i> (nanas, pineapple), <i>Anacardium occidentale</i> (jambu mete, cashew-nut), Brassicaceae (cruciferous crops), <i>Citrus</i> spp. (jeruk,	seluruh bagian tanaman (whole plant), tanah (soil)	Africa: Angola, Botswana, Congo, DR Congo, Eswatini, Lesotho, Madagascar, Malawi, Mozambique, Namibia, Rwanda, South Africa, Tanzania, Uganda, Zambia, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		orange), <i>Citrus aurantiifolia</i> (jeruk nipis, lime), <i>Citrus limon</i> (lemon, lemon), <i>Citrus reticulata</i> (mandarin, mandarin), <i>Citrus sinensis</i> (navel orange), <i>Coffea</i> spp. (kopi, coffee), <i>Colocasia esculenta</i> (talas, taro), Cucurbitaceae (cucurbits), <i>Chromolaena odorata</i> (siam weed), <i>Daucus carota</i> (wortel, carrot), <i>Dioscorea</i> sp. (gembili, yam), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Musa</i> spp. (pisang, banana), <i>Plumeria</i> spp. (frangipani), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Nicotiana tabacum</i> (tembakau, tobacco), Solanaceae, <i>Persea americana</i> (alpukat, avocado)		
235.	<i>Zonocerus variegatus</i> (Linnaeus, 1758); (Syn. <i>Acrydium</i>	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium ascalonicum</i> (bawang merah, shallot),	seluruh bagian tanaman (whole plant), tanah (soil)	Africa: Angola, Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Congo, DR

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>sanguinolentum</i> , <i>Gryllus (Locusta) variegatus</i> , <i>Gryllus laevis</i> , <i>Gryllus opacus</i> ; (Orthoptera: Pyrgomorphidae); variegated grasshopper	Amaranthus (grain amaranth), <i>Amaranthus hybridus</i> (bayam, spinach), <i>Anacardium occidentale</i> (jambu mete, cashewnut), <i>Ananas comosus</i> (nanas, pineapple), Brassicaceae (cruciferous crops), <i>Cannabis sativa</i> (hemp), <i>Capsicum annuum</i> (cabai, paprika, hot pepper, chilies, red pepper), <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantiifolia</i> (jeruk nipis, lime), <i>Citrus limon</i> (lemon, lemon), <i>Citrus reticulata</i> (mandarin, mandarin), <i>Citrus sinensis</i> (navel orange), <i>Coffea</i> spp. (kopi, coffee), <i>Colocasia esculenta</i> (talas, taro), Cucurbitaceae (cucurbits), <i>Chromolaena odorata</i> (siam weed), <i>Daucus carota</i> (wortel, carrot), <i>Dioscorea</i> sp. (gembili, yam), <i>Elaeis guineensis</i>		Congo, Gabon, Gambia, Ghana, Guinea-Bissau, Guinea, Ivory Coast, Kenya, Liberia, Malawi, Mali, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Togo

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		(kelapa sawit, oil palm), <i>Gossypium barbadens</i> (kapas, cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Mangifera indica</i> (mangga, mango), <i>Musa</i> spp. (pisang, banana), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Persea americana</i> (alpukat, avocado), Poaceae, Piper, Plumeria (frangipani) Solanaceae, <i>Tectona grandis</i> (jati, teakwood)		
236.	<i>Zygogramma exclamationis</i> (Fabricius, 1798); (Syn. <i>Calligrapha exclamationis</i> , <i>Chrysomela exclamationis</i> , <i>Zygospila exclamationis</i>); Coleoptera: Chrysomelidae); sunflower beetle, sunflower	<i>Helianthus annuus</i> (bunga matahari, sunflower)	batang (stems, shoots, branches), daun (leaves), tanah (soil), bunga (flowers, inflorescences, cones, calyx)	America: Canada, USA Asia: Pakistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	leaf beetle			

2. TUNGAU (*MITES*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Aceria cajani</i> Channabasavanna, 1966; (Acari: Eriophyidae); pigeonpea mite	<i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cajanus cajanifolius</i> , <i>Cajanus platycarpus</i> , <i>Cajanus scarabaeoides</i> (kacang gude, peanut grass), <i>Cajanus sericeus</i>	daun (leaves) vektor dari <i>Sterility mosaic virus</i> (SMV)	Asia: Bangladesh, China, India, Myanmar, Nepal, Sri Lanka, Thailand
2.	<i>Aceria ficus</i> (Cotte, 1920); (Syn. <i>Aceria fici</i> (Essig), <i>Eriophyes fici</i> Essig, <i>Eriophyes Ficus</i> Cotte); (Acari: Eriophyidae); fig blister mite, fig mite, fig rust mite	<i>Ficus carica</i> (ara, fig)	daun (leaves) vektor dari <i>Fig mosaic virus</i> (FMV)	Africa: Egypt Asia: Iran, Japan, Turkey America: Mexico Europe: United Kingdom
3.	<i>Aceria guerreronis</i> Keifer, 1965; (Syn. <i>Eriophyes guerreronis</i> Keifer); (Acari: Eriophyidae); coconut mite	<i>Borassus flabellifer</i> (lontar, toddy palm), <i>Cocos nucifera</i> (kelapa, coconut), <i>Lytocaryum weddellianum</i> , <i>Syagrus romanzoffiana</i> (queen palm)	buah (fruits), kelopak buah	Africa: Benin, Cameroon, Gambia, Ivory Coast, Mozambique, Nigeria, Sao Tome and Principe, Tanzania, Togo America: Anguilla, Bahamas, Belize, Brazil, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Grenada,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ <i>PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
				Guadeloupe, Haiti, Jamaica, Martinique, Mexico, Panama, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, USA, Venezuela Asia: India, Malaysia, Maldives, Oman, Philippines, Sri Lanka Europe: Hungary, Poland
4.	<i>Aculops lycopersici</i> (Tryon, 1917); (Syn. <i>Aceria lycopersici</i> , <i>Aculops destructor</i> , <i>Aculops lycopersicae</i> , <i>Aculus destructor</i> (Keifer, 1940), <i>Aculus lycopersici</i> (Tryon, 1917), <i>Eriophyes lycopersici</i> , <i>Phyllocoptes destructor</i> Keifer, 1940, <i>Phyllocoptes lycopersici</i> Tryon, 1917, <i>Vasates destructor</i> (Keifer, 1940), <i>Vasates lycopersici</i> (Tryon, 1917));	<i>Browallia americana</i> , <i>Browallia speciosa</i> (amethyst), <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper), <i>Capsicum annuum</i> var. <i>annuum</i> (cherry pepper), <i>Convolvulus</i> , <i>Convolvulus arvensis</i> , <i>Datura innoxia</i> , <i>Datura meteloides</i> , <i>Datura quercifolia</i> , <i>Datura stramonium</i> , <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea purpurea</i> , <i>Lycopersicon peruvianum</i> ,	buah (fruits), daun (leaves), tanaman (whole plant)	Africa: Angola, Egypt, Ethiopia, Kenya, Libya, Mauritius, Morocco, Mozambique, Senegal, South Africa, Tunisia, Zambia, Zimbabwe America: Antigua and Barbuda, Argentina, Bermuda, Brazil, Canada, Chile, Cuba, Curaçao, French Guiana, El Salvador, Grenada, Guadeloupe, Martinique, Mexico, Montserrat, Netherlands Antilles, Trinidad and Tobago, Uruguay, USA, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ <i>PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Acari: Eriophyidae); tomato russet mite, tomato mite	<i>Lycopersicon pimpinellifolium</i> (currant tomato), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Petunia hybrida</i> , <i>Physalis minima</i> (sunberry), <i>Physalis philadephica</i> (tomatillo), <i>Physalis peruviana</i> (cape gooseberry), <i>Ribes americanum</i> (wild blackcurrant), <i>Ribes hirtellum</i> (wild gooseberry), <i>Rubus caesius</i> (blackberry), <i>Solanum carolinense</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum muricatum</i> (pepino, melon pear), <i>Solanum nigrum</i> , <i>Solanum nodiflorum</i> , <i>Solanum nelsonii</i> , <i>Solanum pseudocapsicum</i> (Jerusalem-cherry), <i>Solanum saccharoides</i> (hairy nightshade), <i>Solanum</i>		Asia: Armenia, Azerbaijan, China, Georgia, Hong Kong, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Turkey, Uzbekistan, Yemen Europe: Bulgaria, Croatia, Cyprus, Czechia, France, Greece, Italy, Malta, Moldova, Netherlands, Poland, Portugal, Russia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, Fiji, New Caledonia, New Zealand, Vanuatu

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>tuberosum</i> (kentang, potato)		
5.	<i>Aculops pelekassi</i> (Keifer) 1959; (Syn. <i>Aculus pelekassi</i> Keifer); (Acari: Eriophyidae); Japanese citrus rust mite, pink citrus rust mite	<i>Citrus</i> spp. (jeruk, orange), <i>Zanthoxylum bungeanum</i>	buah (fruits), daun (leaves), tanaman (whole plant)	America: Brazil, USA Asia: China, Japan, Republic of Korea (South Korea), Taiwan, Thailand Europe: Bosnia and Herzegovina, Croatia, Greece, Italy, Malta, Montenegro, North Macedonia, Serbia, Slovenia, Ukraine
6.	<i>Aculus schlechtendali</i> (Nalepa, 1890); (Syn. <i>Aculus malivagrans</i> (Keifer), <i>Phyllocoptes schlechtendali</i> Nalepa, <i>Vasates malivagrans</i> Keifer, <i>Vasates schlechtendali</i> (Nalepa)); (Acari: Eriophyidae); apple rust mite, apple bud mite, apple leaf mite, rusty leaf mite	<i>Malus domestica</i> (apel, apple), <i>Pyrus communis</i> (pir, pear), <i>Malus sylvestris</i> (crab-apple tree)	daun (leaves), buah (fruit), okulasi (grafting), bagian tanaman di atas tanah	Africa: Egypt America: Brazil, Canada, Chile, USA, Asia: China, Japan, Lebanon, Pakistan, Republic of Korea (South Korea), Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Russia, Serbia, Slovenia, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
7.	<i>Bryobia rubrioculus</i> (Scheuten, 1857); (Syn. <i>Bryobia arborea</i> Morgan & Anderson, <i>Bryobia redikorzevi</i> , <i>Bryobia redikorzevi</i> Rekk); (Acari: Tetranychidae); brown apple mite, brown mite, bryobia mite, pear bryobia	<i>Malus domestica</i> (apel, apple), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (badam, almond), <i>Prunus persica</i> (persik, peach), <i>Pyrus communis</i> (pir, pear)	daun (leaves), kulit kayu (bark), cabang (branches), ranting (twigs), bagian tanaman di atas tanah	Africa: Mozambique, South Africa, Zimbabwe America: Argentina, Brazil, Canada, Chile, Mexico, USA, Uruguay Asia: Afghanistan, Azerbaijan, China, Georgia, India, Iran, Iraq, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Syria, Turkey, Uzbekistan Europe: Austria, Belgium, Bulgaria, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Moldova, Netherlands, Poland, Portugal, Romania, Russia, Serbia, Spain, Switzerland, United Kingdom, Ukraine Oceania: Australia, New

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
				Zealand
8.	<i>Eotetranychus willamettei</i> (McGregor, 1917); (Syn. <i>Tetranychus willamettei</i> , <i>Tetranychus willametti</i> McGregor); (Acari: Tetranychidae); willamette mite	<i>Acer negundo</i> , <i>Amelanchier</i> sp., <i>Eriogonum jamesi</i> , <i>Malus domestica</i> (apel, apple), <i>Purshia tridentata</i> , <i>Pyrus communis</i> (pir, pear), <i>Quercus garryana</i> , <i>Quercus lobata</i> , <i>Sorbus domestica</i> , <i>Ulm</i> spp. (elm), <i>Ulmus campestris</i>	daun (leaves), bagian tanaman di atas tanah	America: USA Asia: Iran
9.	<i>Mononychellus tanajoa</i> Bondar, 1938); (Syn. <i>Mononychus tanajoa</i> Fletchman & Baker, 1970, <i>Tetranychus tanajoa</i> Bondar); (Acari: Tetranychidae); cassava mite, cassava green mite	<i>Canavalia brasiliensis</i> , <i>Erythrina</i> sp., <i>Gilicidia maculata</i> , <i>Gilicidia sepium</i> , <i>Macroptilum martii</i> , <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Manihot aipim</i> , <i>Passiflora edulis</i> (markisa, passion fruit), <i>Passiflora cincinata</i> , <i>Phaseolus vulgaris</i> (buncis, common bean)	daun (leaves), bagian tanaman di atas tanah	Africa: Angola, Benin, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo, DR Congo, Equatorial Guinea, Gabon, Guinea, Ivory Coast, Kenya, Liberia, Malawi, Mali, Mozambique, Niger, Nigeria, Rwanda, Sierra Leone, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Bolivia, Brazil, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Falklands,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Guadeloupe, Guyana, Mexico, Nicaragua, Panama, Paraguay, Puerto Rico, Trinidad and Tobago, Venezuela
10.	<i>Oligonychus peruvianus</i> (McGregor, 1917); (Syn. <i>Oligonychus (Homonychus) peruvianus</i> (McGregor), <i>Paratetranychus peruvianus</i> (McGregor), <i>Paratetranychus trinitatis</i> Hirst, <i>Tetranychus peruvianus</i> McGregor, <i>Tetranychus peruviensis</i> , <i>Tetranychus trinitatis</i>); (Acari: Tetranychidae); acarо solitario	<i>Bixa orellana</i> , <i>Ceratonia siliqua</i> , <i>Citrus</i> , <i>Citrus aurantium</i> , <i>Coffea arabica</i> (kopi, coffee), <i>Daucus carota</i> (wortel, carrot), <i>Gliricidia sepium</i> , <i>Gossypium</i> , <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Oxalis</i> sp., <i>Persea americana</i> (alpukat, avocado), <i>Salix</i> , <i>Trifolium</i> , <i>Trifolium repens</i> (semanggi putih, white clover), <i>Vitis</i> , <i>Vitis vinifera</i> (anggur, grape)	daun (leaves), bagian tanaman di atas tanah	America: Brazil, Colombia, Ecuador, Guatemala, Mexico, Peru, Trinidad and Tobago, Venezuela
11.	<i>Oligonychus yothersi</i> (McGregor, 1914); (Syn. <i>Aligonychus yothersi</i> , <i>Oligonychus major</i> , <i>Paratetranychus major</i> , <i>Paratetranychus yothersi</i> (McGregor), <i>Tetranychus</i>	<i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Eucalyptus grandis</i> , <i>Eucalyptus urophylla</i> , <i>Ilex paraguariensis</i> (paraguayan tea), <i>Mangifera indica</i> (mangga, mango),	daun (leaves), bagian tanaman di atas tanah	America: Brazil, Costa Rica, Cuba Asia: Iran

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<i>major, Tetranychus yothersi</i>) (Acari: Tetranychidae); avocado red mite	<i>Persea americana</i> (alpukat, avocado)		
12.	<i>Panonychus ulmi</i> (Koch, 1836); (Syn. <i>Metatetranychus mali</i> , <i>M. pilosus</i> (Canestrini & Fanzago), <i>M. ulmi</i> Koch, <i>Oligonychus ulmi</i> , <i>Paratetranychus pilosus</i> (Canestrini & Fanzago), <i>Paratetranychus pilosus occidentalis</i> , <i>Paratetranychus ulmi</i> , <i>Tetranychus pilosus</i> Canestrini et Fanzago, <i>Tetranychus ulmi</i> , <i>Tetranychus mytilaspidis</i> Ewing); (Acari: Tetranychidae); european red spider mite	<i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Cedrus</i> (cedars), <i>Citrus</i> , <i>Citrus deliciosa</i> (jeruk mediterranean mandarin), <i>Citrus reticulata</i> (jeruk mandarin), <i>Coffea</i> (kopi, coffee), <i>Corylus</i> , <i>Gossypium</i> (kapas, cotton), <i>Malus domestica</i> (apel, apple), <i>Morus alba</i> (murbei, mulberry), <i>Prunus avium</i> (sweet cherry), <i>Prunus dulcis</i> (badam, almond), <i>Prunus persica</i> (persik, peach), <i>Prunus domestica</i> (prem, plum), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus salicina</i> (japanese plum), <i>Pyrus communis</i> (pir, pear), <i>Vitis vinifera</i> (anggur, grapevine)	daun (leaves), bagian tanaman di atas tanah	Africa: Algeria, Egypt, Libya, Morocco, South Africa, Tunisia America: Argentina, Bermuda, Brazil, Canada, Chile, Costa Rica, USA, Uruguay, Venezuela Asia: Afghanistan, Armenia, Azerbaijan, China, Georgia, India, Iran, Israel, Japan, Kyrgyzstan, Lebanon, Republic of Korea (South Korea), Syria, Taiwan, Turkey, Europe: Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Czechia, Bosnia and Herzegovina, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Moldova, Montenegro, North Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
				Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
13.	<i>Penthaleus major</i> Dugès, 1834; (Syn. <i>Notophallus bicolor</i> Froggat, 1921, <i>N. dorsalis</i> Banks, 1902, <i>N. haemotopus</i> Canestrini, 1886, <i>N. insulanus</i> Tragardh, 1900, <i>Penthaleus bicolor</i> Womersley, 1933, <i>Penthaleus erythropus</i> Koch, 1838, <i>P. insulanus</i> Thorell, 1872, <i>Rhyncholophus major</i> Murray, 1877, <i>Tetranychus borealis</i> Koch, 1879, <i>Tetranychus major</i> Dugès, 1834); (Acari: Penthaleidae); blue oat mite	<i>Avena sativa</i> (oat, oats), <i>Avena strigosa</i> (black oat), <i>Bouteloua gracilis</i> (blue grama), <i>Bromus secalinus</i> (rye brome), <i>Hordeum vulgare</i> (barli, barley), Lathyrus, Lolium, <i>Lolium multiflorum</i> (Italian ryegrass), Poaceae (grassess), <i>Secale cereale</i> (rye), <i>Trifolium</i> , <i>Triticum aestivum</i> (gandum, wheat)	daun (leaves), titik tumbuh (growing point), bagian tanaman di atas tanah, titik tumbuh	Africa: South Africa America: Argentina, Brazil, Canada, Mexico, USA Asia: China, Japan Europe: France, Germany, Iceland, Italy, Netherlands, Norway, Portugal, Russia, Spain, United Kingdom Oceania: Australia, New Zealand
14.	<i>Petrobia latens</i> (O.F. Müller	<i>Allium cepa</i> (bawang bombay,	daun (leaves), bunga	Africa: Egypt, South Africa

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	1776); (Syn. <i>Acarus latens</i> Müller, 1776, <i>Acarus petarum</i> Fourcroy, 1785, <i>Acarus praegnans</i> Schrank, 178, <i>Paratetranychus longipes</i> Banks, 1912, <i>Petrobia cepae</i> Sayed, 1946, <i>Petrobia lapidum</i> Oudemans, 1915, <i>Petrobia tritici</i> Ewing, 1921, <i>Tetranychus decepta</i> Banks, 1917, <i>Tetranychia tritici</i> Ewing, 1921, <i>Tetranychopsis paupera</i> Berlese, 1910, <i>Tetranychopsis simplex</i> Tragardh, 1904, <i>Tetranychus anauniensis</i> Canistrini, 1889, <i>Tetranychus longipes</i> Banks, 1912, <i>Trombidium lapidum</i> Hammer, 1804); (Acari: Tetranychidae); brown wheat mite	onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Avena sterilis</i> (winter wild coat), Clover, <i>Coriandrum sativum</i> (ketumbar, corriander), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cuminum cyminum</i> (jintan, cumin), <i>Daucus carota</i> (wortel, carrot), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gladiolus hybrids</i> (gladiol, sword lily), <i>Gossypium barbadens</i> (kapas, cotton), Iris, <i>Lactuca sativa</i> (selada, lettuce), <i>Hordeum vulgare</i> (barli, barley), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Oryza sativa</i> (padi, paddy, rice), <i>Setaria viridis</i> (green foxtail), <i>Sorghum</i>	(inflorescences), bagian tanaman di atas tanah	America: Canada, USA Asia: China, India, Iran, Republic of Korea (South Korea), Syria Europe: Austria, Denmark, France, Germany, Italy, Netherlands, Poland, Spain, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat)		
15.	<i>Phyllocoptes vitis</i> Nalepa, 1905; (Syn. <i>Phyllocoptes viticolus</i>); (Acari: Eriophyidae); grapevine rust mite, acarinosi of vine, vine rust mite; acarinosi of vine	<i>Vitis vinifera</i> (anggur, grapevine)	daun (leaves)	Europe: France, Poland, Romania, Spain, Switzerland
16.	<i>Phytonemus pallidus</i> (Banks, 1899); (Syn. <i>Steneotarsonemus fragariae</i> (Zimmerman), <i>S. pallidus</i> (Banks), <i>Tarsonemus destructor</i> Reuter, 1906, <i>Tarsonemus fragariae</i> Zimmerman, 1905, <i>Tarsonemus pallidus</i> Banks, 1899); (Acari: Tarsonemidae); strawberry mite, cyclamen mite	<i>Achyranthes</i> (chaff flower), <i>Ageratum</i> , <i>Alchemilla</i> (Lady's mantle), <i>Amaranthus retroflexus</i> (redroot pigweed), <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Antirrhinum majus</i> (snapdragon), <i>Aphelandra</i> (Zebra plant), <i>Aralia</i> , <i>Aster</i> , <i>Begonia</i> , <i>Begonia cucullata</i> var. <i>hookeri</i> (Perpetual begonia), <i>Capsicum annuum</i> (cabai besar, paprika, bell	daun (leaves), bagian tanaman di atas tanah	Africa: South Africa America: Brazil, Canada, Colombia, Costa Rica, Mexico, Peru, USA, Venezuela Asia: Japan, Philippines, Republic of Korea (South Korea), Taiwan, Turkey Europe: Austria, Belgium, Bulgaria, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ <i>PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
		pepper), <i>Chrysanthemum</i> , <i>Chrysanthemum frutescens</i> , <i>Cissus</i> , <i>Consolida ambigua</i> , <i>Cyclamen persicum</i> (cyclamens), <i>Cissus</i> (grape), Dahlia, Dianthus (anyelir, carnation), Echeveria, <i>Exacum affine</i> , <i>Fragaria</i> (strawberry), Fatshedera (Ivy tree), Fuchsia, <i>Galinsoga parviflora</i> (gallant soldier), Geranium (cranesbill), <i>Gerbera jamesonii</i> (African daisy), <i>Hedera helix</i> (ivy), Hoya, <i>Impatiens walleriana</i> (pacar air, balsam), Iresine (blood-leaf), <i>Jasminum sambac</i> (arabian jasmine), Kalanchoe, <i>Lantana camara</i> (lantana), <i>Lathyrus odoratus</i> (sweet pea), <i>Lobelia erinus</i> (dwarf blue lobelia), Myosotis (forget-me-nots), <i>Nasturtium officinale</i> (watercress),		Sweden, Switzerland, United Kingdom, Ukraine Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		Nertera, Oxalis (wood sorrels), <i>Parthenocissus tricuspidata</i> (Boston ivy), Pelargonium (pelargonium), <i>Pelargonium peltatum</i> hybrids (ivy-leaved pelargonium), Petunia, <i>Petunia hybrida</i> , Pilea, Plantago (plaintain), <i>Portulaca oleracea</i> var. <i>sativa</i> , <i>Rhododendron simsii</i> , Rubus (blackberry, raspberry), <i>Rumex acetosella</i> (field sorrel), <i>Saintpaulia ionantha</i> (African violet), Saxifraga (saxifrage), <i>Sinningia speciosa</i> (gloxinia), <i>Urtica dioica</i> (stinging nettle), Vaccinium (blueberries), Verbena (vervain), <i>Veronica peregrina</i> (Wandering speedwell)		
17.	<i>Retracrus elaeis</i> Keifer, 1975; (Acari: Phytoptidae)	<i>Bactris gasipaes</i> , <i>Chamaedorea costaricana</i> , <i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i>	daun (leaves)	America: Brazil, Costa Rica, Colombia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		(kelapa sawit, oil palm)		
18.	<i>Rhizoglyphus echinopus</i> (Fumouze & Robin, 1868); (Syn. <i>Coepophagus echinopus</i> , <i>Rhizoglyphus hyacinthi</i> , <i>Rhizoglyphus spinatarsus</i> , <i>Tyroglyphus echinopus</i>); (Acari: Acaridae); bulb mite	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Allium bakeri</i> , <i>Allium cepa</i> var. <i>bulbiferum</i> , <i>Amaryllis</i> sp., <i>Capsicum</i> sp., <i>Curcuma domestica</i> , <i>Freesia</i> sp., <i>Gladiolus</i> sp., <i>Hyacinthus</i> sp., <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Iris</i> , <i>Lachenalia pendula</i> (on roots), <i>Lilium</i> sp., <i>Lolium longiflorum</i> , <i>Narcissus</i> sp., <i>Oryza sativa</i> (padi, paddy, rice), <i>Palaeopsylla minor</i> ex <i>Talpa</i> , <i>Palaeopsylla minor</i> , <i>Paeonia</i> sp., <i>Panax ginseng</i> (asiatic ginseng), <i>Pinellia ternata</i> , <i>Sandersonia aurantica</i> , <i>Sinningia</i> (<i>gloxinia</i>), stored wheat, <i>Solanum</i> sp., Tulipa, Verbena, <i>Zea mays</i> (jagung, maize, corn)	seluruh bagian tanaman (whole plant)	Africa: Algeria, Egypt America: Argentina, Canada, USA Asia: Armenia, Azerbaijan, China, Georgia, India, Iraq, Japan, Korea, Kazakhstan, Kyrgyzstan, Taiwan, Tajikistan, Thailand, Turkmenistan, Uzbekistan Europe: Belarus, France, Latvia, Lithuania, Estonia, Hungary, Moldova, Netherlands, Romania, Russia, Spain, Ukraine, United Kingdom Oceania: Australia, Fiji, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
19.	<i>Steneotarsonemus laticeps</i> (Halbert, 1923); (Syn. <i>Tarsonemus approximatus</i> , <i>Tarsonemus approximatus narcissi</i> , <i>Tarsonemus hydrocephalus</i> , <i>Tarsonemus laticeps</i>); (Acari: Tarsonemidae); bulb scale mite	<i>Cyrtanthus</i> spp. (fire lily), <i>Eucharis</i> spp. (Amazon lily, eucharist lily), <i>Hippeastrum</i> spp. (amarilis, amaryllis), <i>Sprekelia</i> spp. (Jaco bean lily)	seluruh bagian tanaman (whole plant)	Europe: Netherlands, Poland, United Kingdom
20.	<i>Tarsonemus myceliophagus</i> Hussey, 1963; (Acari: Tarsonemidae)	Mushroom	tubuh jamur	America: USA Europe: Germany, Netherlands, United Kingdom Oceania: Australia, New Zealand
21.	<i>Tetranychus merganser</i> Boudreaux, 1954; (Acari: Tetranychidae)	Acacia farnesiana, Ilex sp. (Holly), <i>Opuntia</i> sp., <i>Opuntia ficus-indica</i> , <i>Carica papaya</i> (pepaya, papaya), <i>Cucurbita</i> sp, <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Fraxinus</i> sp., <i>Jasminum</i> sp. (jasmine), <i>Ligustrum</i> sp. (privet),	daun (leaves)	America: Mexico, USA Asia: China, Thailand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		<i>Ligustrum vulgare</i> (privet), <i>Thalictrum</i> sp., <i>Fragaria</i> sp. (stroberi, strawberry), <i>Rosa</i> sp., (mawar, roses), <i>Capsicum</i> <i>annuum</i> (cabai besar, paprika, bell-pepper), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Solanum</i> <i>nigrum</i> (leunca, black nightshade), <i>Solanum</i> <i>rostratum</i> (buffalo bur, Colorado bur), <i>Thevetia</i> <i>ahouai</i> , <i>Moringa oleifera</i> (drumstick tree, angela), <i>Pittosporum tobira</i> (japanese pittosporum), <i>Helietta</i> <i>parvifolia</i> , <i>Capsicum annuum</i> var. <i>glabriusculum</i>		
22.	<i>Tetranychus mexicanus</i> (McGregor, 1950); (Acari: Tetranychidae)	<i>Alocasia</i> , <i>Araceae</i> , <i>Averrhoa</i> <i>carambola</i> (belimbing, carambola, star-fruit), <i>Bactris</i> <i>gasipaes</i> (peach palm, pejibave palm), <i>Beaucarnea</i> <i>recurvata</i> (bottle palm,	tanaman (seedlings), buah (fruits), daun (leaves).	America: Argentina, Barbados, Brazil, Colombia, Costa Rica, Cuba, El Salvador, Guadeloupe, Honduras, Martinique, Mexico, Nicaragua, Paraguay, Peru, Suriname,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		elephant foot tree), <i>Carica papaya</i> (pepaya, papaya), <i>Casearia sylvestris</i> (crack-open, sarna de perro), <i>Cedrela fissilis</i> (acajou wood, cedro), <i>Citrus</i> , <i>Citrus aurantiifolia</i> (lime), <i>Citrus latifolia</i> (Tahiti lime), <i>Citrus limon</i> (lemon, lemon), <i>Citrus paradisi</i> (grapefruit), <i>Citrus reticulata</i> (mandarin, mandarin), <i>Citrus sinensis</i> (navel orange), <i>Cocos nucifera</i> (kelapa, coconut), <i>Codiaeum variegatum</i> (croton), <i>Couroupita guianensis</i> (cannonball tree), <i>Crotalaria retusa</i> (rattleweed, wedgeleaf rattlebox), <i>Cucumis melo</i> (melon, melon), Cupressus (cypresses), <i>Elaeis oleifera</i> (American oil palm), <i>Erythrina variegata</i> (Indian coral tree), <i>Gossypium hirsutum</i> (kapas, cotton),		USA, Uruguay, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		<p><i>Hevea brasiliensis</i> (karet, rubber tree), <i>Hovenia dulcis</i> (Japanese raisin), <i>Litchi chinensis</i> (leci, lichi), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab-apple tree), <i>Melicoccus bijugatus</i> (genip, Spanish lime), <i>Morus nigra</i> (murbei, mulberry), <i>Murraya paniculata</i> (orange jessamine), <i>Musa</i> spp. (pisang, banana), Orchidaceae (anggrek, orchid), <i>Passiflora edulis</i> (passionfruit), <i>Persea americana</i> (alpukat, avocado), <i>Petiveria alliacea</i> (anamu, gully root), Philodendron, <i>Poncirus trifoliata</i> (golden apple, trifoliate orange), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), Rosa (mawar, roses), <i>Tecoma stans</i> (yellow bells), <i>Vitis labrusca</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ <i>PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
		(fox grape), <i>Vitis vinifera</i> (anggur, grapevine).		
23.	<i>Tetranychus pacificus</i> McGregor, 1919; (Acari: Tetranychidae); Pacific mite, Pacific spider mite	<i>Begonia cucullata</i> var. <i>hookeri</i> (<i>Perpetual begonia</i>), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper), <i>Chrysanthemum</i> (daisy), <i>Chrysanthemum frutescens</i> (marguerite), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Consolida ambigua</i> (rocket larkspur), <i>Cucumis melo</i> (melon, melon), <i>Cyclamen persicum</i> (cyclamens), <i>Ficus carica</i> (ara, fig), <i>Fragaria</i> (strawberry), <i>Glycine max</i> (kedelai, soybean), <i>Gossypium barbadens</i> (kapas, cotton), <i>Gossypium hirsutum</i> (Bourbon cotton), <i>Medicago sativa</i> (alfalfa, lucerne), Morning glory, <i>Prunus</i> , <i>Phaseolus vulgaris</i> (kacang tanah, common bean), <i>Prunus</i>	bagian tanaman di atas tanah	America: Canada, Mexico, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		(stone fruit), <i>Prunus salicina</i> (Japanese plum), <i>Rosa</i> (roses), <i>Rubus</i> (blackberry, raspberry), <i>Rhododendron simsii</i> (Sim's azalea), <i>Vicia</i> (vetch. Begonia), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, maize, corn)		
24.	<i>Tetranychus schoenei</i> McGregor, 1941; (Syn. <i>Septanychus schoenei</i> McGregor); (Acari: Tetranychidae); schoene mite	<i>Arctium minus</i> , <i>Asclepias</i> sp., <i>Asclepias purpurascens</i> , <i>Betula populifolia</i> , <i>Bignonia</i> sp., <i>Carya glabra</i> , <i>Carya illinoensis</i> , <i>Celastrus scandens</i> , <i>Desmodium canadense</i> , <i>Desmodium canescens</i> , <i>Euonymus americanus</i> , <i>Euthamia graminifolia</i> , <i>Fagus grandiflora</i> , <i>Gleditsia</i> sp., <i>Glycine max</i> , <i>Gossypium hirsutum</i> , <i>Gossypium barbadense</i> (kapas, cotton), <i>Gymnocladus dioica</i> , <i>Menispermum canadense</i> ,	bagian tanaman di atas tanah	America: USA Asia: Iran

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		<p><i>Morus alba, Phaseolus</i> sp., <i>Malus domestica</i> (apel, apple), <i>Philadelphus inodorus</i>, <i>Potentilla anserina, Potentilla</i> <i>norvegica, Plumeria</i> sp., <i>Prunus amygdalus, Prunus</i> <i>armeniaca, Prunus domestica</i> (prem, plum), <i>Prunus</i> <i>pensylvanica, Prunus</i> <i>serotina, Pyrus communis</i> (pir, pear), <i>Rhus typhina</i>, <i>Robinia pseudoacacia, Rosa</i> sp., <i>Rosa multiflora, Rosa</i> <i>palustris, Rubus</i> sp., <i>Rubus</i> <i>allegheniensis, Rubus idaeus</i>, <i>Rubus occidentalis, Rubus</i> <i>odoratus, Salix discolor</i>, <i>Solidago altissima, Sorbus</i> <i>coronaria, Symplocarpus</i> <i>foetidus, Tilia</i> sp., <i>Toxicodendron radicans</i>, <i>Ulmus americana, Viburnum</i> sp., <i>Vitis vinifera</i> (anggur, grapevine)</p>		

3. KEONG (*SNAILS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Achatina craveni</i> Smith; Achatinidae; giant African snail	<i>Coffea</i> spp. (kopi, coffee), <i>Sesamum indicum</i> (wijen, sesame), tanaman hias (perdu)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Africa: Tanzania, Mozambique
2.	<i>Achatina zanzibarica</i> Bourg; Achatinidae; giant African snail, giant land snail	<i>Agave sisalana</i> (sisal), <i>Gossypium barbadens</i> (kapas, cotton), tanaman hias (perdu)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea- Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Togo, Tunisia, Uganda, Tanzania, Zambia, Zimbabwe
3.	<i>Bradybaena fructicum</i> Muller; Bradybaenidae; brush snail, bush snail	<i>Apium graveolens</i> (seledri, celery), <i>Vitis vinifera</i> (anggur, grapevine), Fabaceae (leguminous plants), tanaman hias (anggrek, tanaman berdaun/puring) (ornamental plants)	tanaman dengan media tanam (seedlings with growing media), tanah (soil)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Togo, Tunisia, Uganda, Tanzania, Zambia, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Asia: Afghanistan, Armenia , Azerbaijan , Bahrain, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, DPR Korea (North Korea), Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lao PDR (Laos), Lebanon, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Philippines, Qatar, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Tajikistan, Thailand, Timor-Leste, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen Europe: Albania, Andorra, Austria , Belarus , Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia , San Marino , Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
4.	<i>Cecilioides acicula</i> Muller; Ferussaciidae; blind snail, blind awl snail	<i>Apium graveolens</i> (seledri, celery), <i>Asparagus officinalis</i> (asparagus, asparagus)	tanaman dengan media tanam (seedlings with growing media), tanah (soil)	Africa: Canary Island, South Africa America: Argentina, Bermuda, Barbados, Hawaii, USA Europe: Czechia, Ireland, Netherlands, Poland, Sweden, Spain, Slovakia, Ukraine, United Kingdom Oceania: Australia, New Zealand
5.	<i>Discus rotundatus</i> Muller; (Syn. <i>Helix rotundatus</i>); Discidae; rotund disc	Orchidaceae	tumbuhan dan/atau bagian-bagiannya (plant and part of plant)	Africa: Algeria America: Canada, USA Asia: Turkey Europe: Denmark, France,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Norway, Southern Scandinavia, Spain, Ukraine, United Kingdom
6.	<i>Drymaeus dormani</i> Binney; Bulimulidae; manatee tree snail	<i>Citrus</i> spp.	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	America: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela
7.	<i>Helix aspersa</i> Muller; (Syn. <i>Cornu aspersum</i> , <i>Cantareus asperses</i> , <i>Cryptomphalus aspersus</i>); Helicidae; brown garden snail, common snail, garden snail	<i>Actinidia chinensis</i> (kiwi, Chinese gooseberry), <i>Allium cepa</i> (bawang bombai, onion), <i>Alcea</i> sp., <i>Allium</i> spp. (onion, garlic, leek, etc), <i>Alnus</i> sp. (alders), <i>Alyssum</i> sp.(alison), <i>Avena sativa</i> (oat, oats), <i>Beta</i>	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Africa: Algeria, Canary Island, Egypt, Gambia, Lesotho, Libya, Mauritius, Morocco, Portugal, Reunion, Saint Helena, Seychelles, South Africa, Tunisia, Zimbabwe America: Argentina, Brazil,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>vulgaris</i> (bit, beetroot), <i>Brassica</i> sp., <i>Brassica oleraceae</i> var. <i>capitata</i> (kubis, cabbage), Citrus, Capsicum, <i>Calibrachoa</i> sp., <i>Consolida</i> sp., <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Dahlia</i> sp., <i>Delphinium</i> sp. (larkspur), <i>Dianthus</i> sp. (anyelir, carnation), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Hedera helix</i> (ivy), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Humulus lupulus</i> (hop), <i>Iberis</i> sp. (candytuft), <i>Laburnum anagyroides</i> (common laburnum), <i>Lactuca sativa</i> (selada, lettuce), <i>Lathyrus odoratus</i> (sweet pea), <i>Lilium</i> sp. (lily), <i>Malus domestica</i> (apel, apple), <i>Medicago lupulina</i> (black</p>		<p>Canada, Chile, Colombia, Ecuador, French Guiana, Guyana, Guadeloupe, Haiti, Martinique, Mexico, Peru, USA, Uruguay, Venezuela Asia: China, Israel, Lebanon, Philippines, Saudi Arabia, Syria, Turkey, Thailand, Uzbekistan Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Denmark, Estonia, France, Germany, Greece, Gibraltar, Hungary, Ireland, Italy, Liechtenstein, Luxembourg, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Russia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Fiji, French Polynesia, New Caledonia, Australia, New</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		medick), <i>Nasturtium</i> (watercress), <i>Nasturtium officinale</i> (selada air, watercress), <i>Opuntia ficus-indica</i> (pricky pear), <i>Penstemon</i> sp., <i>Petunia</i> sp., <i>Pisum sativum</i> (pea), <i>Persea americana</i> (alpukat, avocado), <i>Phaseolus vulgaris</i> (buncis, common bean), Poaceae, <i>Prunus armeniaca</i> (aprikot, apricot), <i>Pyrus communis</i> (pir, pear), <i>Primula sieboldii</i> , <i>Ranunculus repens</i> (creeping buttercarp), <i>Raphanus sativus</i> (lobak, radish), <i>Ribes nigrum</i> (blackcurrant), <i>Rosmarinus officinalis</i> (rosemary), <i>Rosa</i> sp., <i>Rubus fruticosus</i> (blackberry), <i>Solanum lycopersicum</i> (tomat, tomato), strawberry, <i>Thymus vulgaris</i> (thyme), <i>Trifolium</i>		Zealand, Norfolk Island, Pitcairn Island, Samoa

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>alexandrium</i> (egyptian clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grapevine), <i>Yucca</i> sp., <i>Zea mays</i> (jagung, corn, maize), <i>Zinnia</i> sp.		
8.	<i>Helix pomatia</i> L.; Helicidae; roman snail, edible snail, vineyard snail, burgundy snail	<i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grapevine), sayuran (vegetables)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	America: Canada Asia: Armenia, Azerbaijan, Georgia, Tajikistan, Turkmenistan, Uzbekistan Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Estonia, France, Finland, Germany, Greece, Hungary, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, North Macedonia, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Switzerland, Sweden, Ukraine, United Kingdom
9.	<i>Helix rufescens</i> Pennant;	<i>Fragaria vesca</i>	media tanam	America: Antigua and Barbuda,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Helicidae; reddish snail	(wild strawberry)	(growing media associated with plants) tumbuhan dan/atau bagian-bagiannya (plant and part of plant)	Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela
10.	<i>Lanistes ovum</i> Trosch; (Syn. <i>Lanistes connollyi</i> , <i>Lanistes elator</i> , <i>Lanistes innesi</i> , <i>Lanistes procerus</i>); Ampullariidae; freshwater snail	<i>Oryza sativa</i> (padi, paddy, rice)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian-bagiannya (plant and part of plant)	Africa: Angola, Botswana, Congo, Chad, Cameroon, Gambia, Ghana, Mozambique, Namibia, Niger, Nigeria, South Africa Tanzania, Zimbabwe
11.	<i>Marisa cornuarietis</i> L.; Ampullariidae; giant ramshorn snail, apple snail, Colombian ramshorn	<i>Oryza sativa</i> (padi, paddy, rice)	media tanam (growing media associated with plants) tumbuhan	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	snail		dan/atau bagian- bagiannya (plant and part of plant)	Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Togo, Tunisia, Uganda, Tanzania, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Chile, Central America, Colombia, Costa Rica, Ecuador, French Guiana, Guyana, Hawaii, Panama, Paraguay, Peru, South America, Suriname, Trinidad and Tobago, Uruguay, Venezuela
12.	<i>Otala lactea</i> Muller; Helicidae;	<i>Allium sativum</i> (bawang putih, garlic), <i>Apium</i>	media tanam (growing media	Africa: North Africa America: Argentina, Bolivia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	milk snail, milky snail	<i>graveolens</i> (seledri, celery), <i>Brassica oleracea</i> var. <i>botrytis</i> (kembang kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), Brassicaceae, Citrus, <i>Carica papaya</i> (pepaya, papaya), <i>Lactuca sativa</i> (selada, lettuce), lily, <i>Pimpinella anisum</i> (anise), yucca	associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Brazil, Bermuda, Colombia, Chile, Cuba, Dominican Republic, Ecuador, French Guiana, Jamaica, Paraguay, Peru, Uruguay, USA, Venezuela Europe: Netherlands, Spain Oceania: Australia
13.	<i>Oxychilus cellarius</i> Muller; Zonitidae; cellar glass snail	<i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis melo</i> (melon, melon), Fabaceae, Orchidaceae (anggrek, orchid)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Africa: North Africa America: USA, Canada Asia: Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, DPR Korea (North Korea), Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lao PDR (Laos), Lebanon, Malaysia, Maldives,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				<p>Mongolia, Myanmar, Nepal, Oman, Pakistan, Philippines, Qatar, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Tajikistan, Thailand, Timor-Leste, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen</p> <p>Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Kingdom Oceania: New Zealand
14.	<i>Oxychilus draparnaudi</i> Beck; Zonitidae; dark bodied glass snail	<i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita moschata</i> (labu, pumpkin), Fabaceae, Orchidaceae (anggrek, orchid)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Asia: Armenia, Azerbaijan, Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
15.	<i>Theba pisana</i> Muller; (Syn. <i>Helix pisana</i>); Helicidae; white garden snail, Mediterranean sandsnail,	<i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Citrus</i> spp., <i>Daucus carota</i> (wortel, carrot), <i>Hordeum vulgare</i> (barli, barley),	media tanam (growing media associated with plants) tumbuhan dan/atau bagian-	Africa: Canary Island, South Africa, Somaliland America: Atlantic Island, Bermuda, USA

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	sandhill snail, white snail	Fabaceae, <i>Medicago sativa</i> (alfalfa, lucerne), <i>ornamental plant, Solanum lycopersicum</i> (tomat, tomato), <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grape)	bagiannya (plant and part of plant)	Asia: Iran Europe: United Kingdom, France Oceania: Australia

4. SIPUT (*SLUGS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Ariolimax columbianus</i> Gould; Arionidae; Pacific banana slug	Garden plant and flowers, <i>Musa</i> spp. (pisang, banana)	tumbuhan dan/atau bagian- bagiannya (plants and part of plant)	America: Canada, Mexico, USA
2.	<i>Arion circumscriptus</i> Johnston; (Syn. <i>Arion bourguignati</i>); Arionidae; brown banded arion, white soled slug	<i>Apium graveolens</i> (seledri, celery), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Daucus carota</i> (wortel, carrot), <i>Fragaria vesca</i> (wild strawberry), <i>Hordeum vulgare</i> (barli, barley), <i>Nicotiana tabacum</i> (tembakau, tobacco), poppy, <i>Secale cereale</i> (rye), <i>Solanum tuberosum</i> (kentang, potato), tanaman jagung (plant of corn)	tumbuhan dan/atau bagian- bagiannya (plants and part of plant)	America: Canada, Mexico, USA Europe: Czechia, Denmark, Ireland, Norway, Sweden, United Kingdom
3.	<i>Arion intermedius</i> Normand; Arionidae; hedgehog arion, hedgehog slug	<i>Apium graveolens</i> (seledri, celery), <i>Daucus carota</i> (wortel, carrot), ornamental plants, <i>Solanum tuberosum</i> (kentang, potato), <i>Triticum</i> spp.	tumbuhan dan/atau bagian- bagiannya (plants and part of plant)	America: Canada, Hawaii, USA Asia: Sri Lanka Europe: Albania, Austria, Belgium, Bosnia-Herzegovina, Croatia, Czechia, France,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(gandum, wheat), <i>Tulipa</i> sp. (tulip), <i>Zea mays</i> (jagung, corn, maize)		Germany, Hungary, Liechtenstein, Luxembourg, Montenegro, Netherlands, North Macedonia, Poland, Serbia, Slovakia, Slovenia, Switzerland Oceania: New Zealand
4.	<i>Arion rufus</i> L.; (Syn. <i>Limax rufus</i> , <i>Arion ater</i> , <i>Arion empiricorum</i>); Arionidae; chocolate arion, European red slug	<i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Petroselinum crispum</i> (peterseli, parsley), poppy, <i>Solanum tuberosum</i> (kentang, potato), <i>Secale cereale</i> (rye), <i>Triticum aestivum</i> (gandum, wheat)	tumbuhan dan/atau bagian- bagiannya (plants and part of plant)	America: Canada, USA Europe: Austria, Belgium, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Greenland, Iceland, Ireland, Latvia, Lithuania, Liechtenstein, Luxembourg, Netherlands, Switzerland, United Kingdom
5.	<i>Arion subfuscus</i> Drap; (Syn. <i>Limax subfuscus</i> , <i>Arion</i>	<i>Apium graveolens</i> (seledri, celery), <i>Daucus carota</i> (wortel,	tumbuhan dan/atau bagian-	America: Canada, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>krynickii, Arion brunneus, Arion esthonicus</i>); Arionidae; dusky arion	carrot), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum lycopersicum</i> (tomat, tomato)	bagiannya (plants and part of plant)	Europe: United Kingdom
6.	<i>Deroceras agreste</i> L; (Syn. <i>Limax agrestis, Agriolimax agrestis, Agriolimax fedschenkoi, Agriolimax transcausicus coeciger</i>); Agriolimacidae; field slug, grey field slug, milky slug	Brassicaceae, <i>Cynara scolymus</i> (artichoke), <i>Daucus carota</i> (wortel, carrot), <i>Fragaria vesca</i> (wild strawberry), <i>Lactuca sativa</i> (selada, lettuce), sayuran (vegetables), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> sp.	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	America: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela Asia: Afghanistan, Bahrain, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, DPR Korea (North Korea), Georgia, India, Iran, Iraq, Israel,

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				Japan, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lao PDR (Laos), Lebanon, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Philippines, Qatar, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Tajikistan, Thailand, Timor-Leste, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen Europe: Denmark, North Europe, Norway, Russia, Sweden Oceania: Australia
7.	<i>Geomalacus maculosus</i> Allman; Arionidae; kerry slug, kerry spotted slug	<i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet)	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	Europe: Portugal, Spain
8.	<i>Lehmania valentiana</i> Ferussac; Limacidae; terrestrial pulmonate gastropod mollusk	Orchidaceae (anggrek, orchid), <i>Solanum tuberosum</i> (kentang, potato), sayuran (vegetables)	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	Africa: South Africa America: Canada, Chile, Colombia, Peru, USA Asia: China, Japan Europe: Andorra, Austria, Azores,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Balearic Island, Belgium, Canary Island, Corsica, Czechia, Denmark, France, Gibraltar, Hungary, Ireland, Italy, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Russia, Spain, Sweden, United Kingdom Oceania: Australia, New Zealand
9.	<i>Limax cinereoniger</i> Wolf; (Syn. <i>Limax antiquorum</i>); Limacidae; ash grey slug, black keel slug	<i>Apium graveolens</i> (seledri, celery), <i>Daucus carota</i> (wortel, carrot), <i>Solanum tuberosum</i> (kentang, potato), tanaman hias (anggrek, anthurium, tanaman berdaun lainnya)	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	Asia: Armenia, Azerbaijan Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United

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				Kingdom
10.	<i>Limax maximus</i> L; (Syn. <i>Limax maculatus</i> , <i>Limax cellarius</i> , <i>Limax cinereus</i> , <i>Limacella parma</i> , <i>Limax antiquorum</i>); Limacidae; giant garden slug, great slug, tiger slug, spotted leopard slug	<i>Apium graveolens</i> (seledri, celery), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Daucus carota</i> (wortel, carrot), Jamur (mushroom), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum lycopersicum</i> (tomat, tomato), tanaman hias (anggrek, anthurium, tanaman berdaun lainnya)	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	America: Hawaii, USA Europe: Italy, Norway Oceania: New Zealand
11.	<i>Milax budapestensis</i> Hazay; Milacidae; Budapest slug, keeled slug, Subterranean slug	<i>Apium graveolens</i> (seledri, celery), akar sayuran, <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Daucus carota</i> (wortel, carrot), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), poppy, <i>Solanum tuberosum</i> (kentang, potato), sayuran, <i>Secale cereale</i> (rye),	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	Asia: Armenia, Azerbaijan Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco,

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		<i>Triticum aestivum</i> (gandum, wheat)		Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
12.	<i>Milax gagates</i> Draparnaud; (Syn. <i>Limax gagtes</i> , <i>Limax fuliginosus</i> , <i>Milax antipodarum</i> , <i>Limax pectinatus</i> , <i>Milax hewstoni</i> , <i>Milax emarginata</i> , <i>Milax tasmanicus</i> , <i>Milax nigricolus</i> , <i>Amalia antipodarum</i> var. <i>pallida</i> , <i>Amalia parryi</i> , <i>Amalia babori</i>); Milacidae; greenhouse slug, keeled slug	<i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Cynara scolimus</i> (artichoke), <i>Daucus carota</i> (wortel, carrot), <i>Glycine max</i> (kedelai, soyabean), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Fragaria vesca</i> (wild strawberry), <i>Solanum tuberosum</i> (kentang, potato), (oilseed rape)	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Togo, Tunisia, Uganda, Tanzania, Zambia, Zimbabwe America: USA Asia: Japan, Sri Lanka Europe: France, Greece, Italy, Mediterranean region, Spain, Turkey, United Kingdom Oceania: Australia, New Zealand
13.	<i>Milax sowerbyi</i> Tandonia sowerbyi; Milacidae; sowerby's slug, bulb-eating slug	<i>Apium graveolens</i> (seledri, celery), <i>Daucus carota</i> (wortel, carrot), <i>Solanum tuberosum</i> (kentang, potato)	tumbuhan dan/atau bagian-bagiannya (plants and part of plant)	Asia: Armenia, Azerbaijan Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Kingdom
14.	<i>Vaginula hedleyi</i> Simroth; Veronicellidae; Vaginula slugs	<i>Coffea</i> spp. (kopi, coffee), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Nicotiana tabacum</i> (tembakau, tobacco)	tumbuhan dan/atau bagian- bagiannya (plants and part of plant)	America: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela

5. NEMATODA (*NEMATODES*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<p><i>Anguina agrostis</i> (Steinbuch, 1799) Filipjev, 1936; (Syn. <i>Anguillula agrostidis</i> (Steinbuch, 1799) Warming, 1877, <i>Anguillula agrostis</i> (Steinbuch, 1799) Ehrenberg, 1838, <i>Anguillula phalaridis</i> (Steinbuch, 1799) Ehrenberg, 1838, <i>Anguillulina agrostis</i> (Steinbuch, 1799) Goodey, 1932, <i>Anguillulina phalaridis</i> (Steinbuch, 1799) Goodey, 1932, <i>Anguina funesta</i> Price, Fisher & Kerr, 1979, <i>Anguina lolii</i> Price, 1973 (=nomen nudum), <i>Anguina phalaridis</i> (Steinbuch, 1779) Chizhov, 1980, <i>Anguina poophila</i> Kiryanova, 1952, <i>Tylenchus agrostidis</i></p>	<p><i>Agrostis canina</i> (velvet bentgrass), <i>Agrostis capillaris</i> (common bent), <i>Agrostis exarata</i> (spike bentgrass), <i>Agrostis stolonifera</i> (creeping bentgrass), <i>Agrostis stolonifera</i> var. <i>palustris</i> (creeping bentgrass), <i>Bromus erectus</i> (upright brome), <i>Dactylis glomerata</i> (orchard grass), <i>Festuca nigrescens</i> (red fescue), <i>Festuca ovina</i> (sheep fescue), <i>Festuca rubra</i> var. <i>commuta</i>, <i>Koeleria glauca</i>, <i>Koeleria macrantha</i>, <i>Koeleria macrantha</i> subsp. <i>macrantha</i>, <i>Koeleria pyramidata</i>, <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium rigidum</i> (rigid ryegrass), <i>Phleum boehmeri</i>, <i>Phleum phleoides</i> (boehmer's cat's-tail),</p>	<p>akar dan tanah jika rumput diimpor dalam fase vegetatif (roots and soil if grass is imported in the vegetative phase), batang (stems (above ground), trunks, branches), biji (true seeds, grain), bunga (flowers, inflorescences, cones, calyx), daun (leaves), malai (panicles), media tanam yang melekat pada tanaman (growing media associated with plants), stolon (stolons), tunas (shoots), umbi (bulbs,</p>	<p>Africa: South Africa America: Canada, USA Asia: Georgia, Japan, Kyrgyzstan Europe: Czechia, Czechoslovakia, Estonia, Germany, Ireland, Netherlands, Norway, Poland, Russia, Slovakia, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Bastian, 1865, <i>Tylenchus agrostis</i> (Steinbuch, 1799) Goodey, 1930, <i>Tylenchus phalaridis</i> (Steinbuch, 1799) Orley, 1880, <i>Tylenchus phlei</i> Horn, 1888, <i>Vibrio agrostis</i> Steinbuch, 1799, <i>Vibrio phalaridis</i> Steinbuch, 1799); Anguinidae; bentgrass nematode, eelworm grass seed, grass seed eelworm, grass seed nematode, nematode bentgrass, nematode grass seed, rye grass nematode	<i>Phleum pratense</i> (timothy grass), <i>Poa annua</i> (annual meadowgrass), <i>Poa nemoralis</i> (wood bluegrass), <i>Poa palustris</i> (swamp meadowgrass)	tubers, corms, rhizomes)	
2.	<i>Anguina tritici</i> (Steinbuch, 1799) Chitwood, 1935; (Syn. <i>Anguillula scandens</i> Schneider, 1866, <i>Anguillula tritici</i> (Steinbuch, 1799) Grube, 1849, <i>Anguillulina scandens</i> (Schneider) Goodey, 1932, <i>Anguillulina</i>	<i>Avena sativa</i> (oat, oats), <i>Hordeum vulgare</i> (barli, barley), <i>Secale cereale</i> (rye), Triticum (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum dicoccum</i> (emmer wheat), <i>Triticum durum</i> , <i>Triticum monococcum</i> , <i>Triticum spelta</i> (spelt), <i>Triticum turgidum</i>	batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds, grain), bunga (flowers, inflorescences, cones,	Africa: Egypt, Ethiopia Asia: Afghanistan, China, India, Iran, Iraq, Israel, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan, Turkey Europe: Austria, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>tritici</i> (Steinbuch, 1799) Gervais & Van Beneden, 1859, <i>Anguina tritici</i> (Steinbuch, 1799) Gervais & van Beneden, 1859, <i>Rhabditis tritici</i> (Steinbuch, 1799) Dujardin, 1845, <i>Tylenchus scandens</i> (Schneider, 1866) Cobb, 1890, <i>Tylenchus tritici</i> (Steinbuch, 1799) Bastian, 1865, <i>Vibrio tritici</i> Steinbuch, 1799); Anguinidae; cockle wheat, earcockles, eelworm disease, purples, wheat cockle nematode, wheat nematode, wheatgall nematode, wheat seed gall nematode</p>	(durum wheat), <i>Triticum ventricosum</i>	calyx), daun (leaves), malai (panicles), tunas (shoots), umbi (tubers, corms, rhizomes)	France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Montenegro, Netherlands, North Macedonia, Poland, Romania, Russia, Serbia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
3.	<i>Aphasmatylenchus straturatus</i> Germani, 1970; Hoplolaimidae;	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Cajanus cajan</i> (kacang gude, pigeon pea),	akar (roots), polong kacang tanah (pods of peanut), tanah (soil),	Africa: Burkina Faso

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	ground nut chlorosis nematode	<i>Glycine max</i> (kedelai, soyabean), <i>Tephrosia</i> (hoary-pea), <i>Vigna cylindrical</i> (kacang tunggak, long bean), <i>Vigna unguiculata</i> (cowpea), <i>Vitellaria paradoxa</i> , <i>Voandzeia subterranea</i> (bambara groundnut)	media tanam yang melekat pada tanaman (growing media associated with plants)	
4.	<i>Aphelenchoides arachidis</i> Bos, 1977; (Syn. <i>Robustodorus arachidis</i> (Bos, 1977); Aphelenchoididae; groundnut testa nematode, peanut testa nematode	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum glaucum</i> (pearl millet), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), biji (true seeds, grain), buah (fruits), polong (pods), tanah (soil), tunas (shoots), media tanam yang melekat pada tanaman (growing media associated with plants), umbi (bulbs, tubers, corms, rhizomes)	Africa: Cameroon, Egypt, Nigeria, South Africa
5.	<i>Aphelenchoides ritzemabosi</i> (Schwartz, 1911) Steiner & Buhner, 1932; (Syn. <i>Aphelenchoides ribes</i> (Taylor, 1917) Goodey, 1933,	<i>Asplenium nidus</i> (bird's nest fern), <i>Begonia</i> , <i>Bergenia</i> spp. (elephant-leaved saxifrage), <i>Buddleia</i> spp. (Butterflybush), <i>Calceolaria</i> spp. (pouch flower),	batang (stems (above ground), shoots, trunks, branches), biji (true seeds, grain), bunga	Africa: Canary Islands, Mauritius, South Africa America: Brazil, Canada, Chile, Cuba, Mexico, USA, Venezuela Asia: China, India, Iran, Japan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Aphelenchus phyllophagus</i> Stewart, 1921, <i>Aphelenchus ribes</i> (Taylor, 1917) Goodey, 1923, <i>Aphelenchus ritzemabosi</i> (Schwartz, 1911), <i>Pathoaphelenchus ritzemabosi</i> (Schwartz, 1911) Steiner, 1932, <i>Pseudaphelenchoides ritzemabosi</i> (Schwartz, 1911) Drozdovski, 1967, <i>Tylenchus ribes</i> Taylor, 1917); Aphelenchoididae; blackcurrant nematode, bud and leaf nematode, chrysant foliar eelworm, chrysant foliar nematode, chrysanthemum foliar eelworm, chrysanthemum foliar nematode, leaf wilt nematode of chrysant, leaf and bud nematode, leaf wilt nematode of chrysanthemum</p>	<p><i>Callistephus chinensis</i> (China aster), <i>Campanula</i> spp. (campanulas), <i>Campanula pyramidalis</i> (chimney bellflower), <i>Chrysanthemum morifolium</i> (krisan, chrysant), <i>Consolida ambigua</i> (rocket larkspur), <i>Crassula coccinea</i>, Dahlia, <i>Echium</i> spp., <i>Eleusine coracana</i> (finger millet), <i>Fragaria</i> (strawberry), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria vesca</i> (wild strawberry), <i>Fritillaria</i> spp., (fritillaries), <i>Geranium</i> spp. (cranesbill), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Helleborus niger</i> (christmas rose), <i>Hibiscus rosa-sinensis</i> (kembang sepatu, China-rose), <i>Hydrangea anomala</i>, <i>Lavandula angustifolia</i> (lavender), <i>Limonium sinuatum</i> (sea pink), <i>Lotus corniculatus</i></p>	<p>(flowers, inflorescences, cones, calyx), daun (leaves), kormus (corms), media tanam yan melekat pada tanaman (growing media associated with plants), rhizom (rhizomes), stolon (stolons), umbi (bulbs, tubers)</p>	<p>Kazakhstan, Republic of Korea (South Korea), Uzbekistan Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Germany, Hungary, Ireland, Italy, Latvia, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Fiji, New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(bird's-foot trefoil), <i>Lupinus</i> spp. (lupins), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Mimulus</i> spp. (monkey-flower), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (kemangi, basil), <i>Passiflora edulis</i> (passionfruit), <i>Passiflora quadrangularis</i> (markisa, passionfruit, granadilla), <i>Peperomia</i> sp., <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Philadelphus coronarius</i> (mock orange), <i>Ranunculus</i> spp. (buttercup), <i>Rheum hybridum</i> (rhubarb), <i>Rhododendron</i> spp. (Azalea), <i>Ribes nigrum</i> (blackcurrant), <i>Ribes uva-crispa</i> (gooseberry), <i>Rudbeckia</i> spp. (coneflower), Rumex (Dock), Saintpaulia (African violet), <i>Saintpaulia ionantha</i> (African violet), <i>Salvia splendens</i> (scarlet sage),		

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		<i>Sambucus</i> spp. (Elderberry), <i>Senecio</i> spp. (Groundsel), <i>Sinningia speciosa</i> (gloxinia), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Sonchus</i> spp. (Sowthistle), <i>Stellaria media</i> (common chickweed), <i>Verbena</i> spp. (vervain), Veronica (speedwell), <i>Viburnum</i> spp., <i>Viola</i> spp. (violet), <i>Vigna</i> spp. (buncis, cowpea), <i>Zinnia elegans</i> (zinnia)		
6.	<i>Belonolaimus longicaudatus</i> Rau, 1958; Belonolaimidae; sting nematode	<i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Acer</i> spp. (maples), <i>Acer pseudoplatanus</i> (sycamore), <i>Agrostis stolonifera</i> var. <i>palustris</i> (bent grass), <i>Allium cepa</i> (bawang bombay, onion), <i>Apium graveolens</i> (seledri, celery), <i>Arachys</i> <i>hypogaea</i> (kacang tanah, peanut), <i>Baccharis halimifolia</i> (groundsel-bush), <i>Beta vulgaris</i>	akar (roots), bibit (seedlings), media tanam yang melekat pada tanaman (growing media associated with plants)	America: Bahamas, Bermuda, Costa Rica, Mexico, Puerto Rico, USA Asia: India, Pakistan, Saudi Arabia, Turkey

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(bit, beetroot), <i>Brassica</i> , <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Capsicum annum</i> (cabai, paprika, bell pepper, hot pepper, red pepper, chili), <i>Casuarina equisetifolia</i> (casuarina), <i>Chrysanthemum</i> spp. (daisy), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Daucus carota</i> (wortel, carrot), <i>Desmodium tortuosum</i> (Florida beggarweed), <i>Digitaria decumbens</i> (pangolagrass),		

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		<p><i>Digitaria sanguinalis</i> (large crabgrass), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Eremochloa ophiuroides</i> (centipedegrass), <i>Festuca arundinacea</i> (tall fescue), <i>Fragaria</i> spp. (stroberi, strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium hirsutum</i> (Bourbon cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hemarthria altissima</i>, <i>Hordeum vulgare</i> (barli, barley), <i>Ilex</i> (holly), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea purpurea</i> (tall morning glory), <i>Lactuca sativa</i> (selada, lettuce), <i>Liquidambar styraciflua</i> (sweet gum), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Mentha spicata</i> (spear mint), <i>Ocimum basilicum</i> (kemangi, basil), <i>Oxalis</i> (wood sorrels),</p>		

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		<p><i>Paspalum notatum</i> (bahia grass), <i>Pennisetum glaucum</i> (pearl millet), <i>Pennisetum purpureum</i> (elephant grass), <i>Pharbitis purpurea</i> (common morning glory), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pinus palustris</i> (longleaf pine), <i>Pinus taeda</i> (loblolly pine), <i>Pisum sativum</i> (kapri, sweet pea), <i>Pittosporum tobira</i> (japanese pittosporum), Poaceae (grasses), <i>Rumex crispus</i> (curled dock), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Schinus terebinthifolius</i> (Brazilian pepper tree), <i>Secale cereale</i> (rye), <i>Sesbania exaltata</i> (coffeebean (USA)), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato),</p>		

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		<i>Sorghum sudanense</i> (Sudan grass), <i>Stenotaphrum secundatum</i> (buffalo grass), <i>Trifolium</i> spp. (clovers), <i>Triticum aestivum</i> (gandum, wheat), Turfgrasses, <i>Ulmus parvifolia</i> (lacebark elm), <i>Vaccinium corymbosum</i> (blueberry), <i>Vigna unguiculata</i> (cowpea), <i>Vitis rotundifolia</i> (muscadine grape), <i>Zea mays</i> (jagung, corn, maize)		
7.	<i>Bursaphelenchus cocophilus</i> (Cobb, 1919) Baujard, 1989; (Syn. <i>Aphelenchoides cocophilus</i> (Cobb, 1919) Goodey, 1933, <i>Aphelenchus cocophilus</i> Cobb, 1919, <i>Chitinoaphelenchus cocophilus</i> (Cobb, 1919) Chitwood in Corbett, 1959, <i>Rhadinaphelenchus cocophilus</i> (Cobb, 1919) Goodey, 1960);	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Phoenix canariensis</i> (canary Island date palm), <i>Phoenix dactylifera</i> (kurma, dates-palm), <i>Sabal palmetto</i> (cabbage palmetto)	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings), daun (leaves), kulit kayu (bark), kayu (woods), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil),	America: Belize, Brazil, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, French Guiana, Grenada, Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Peru, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Aphelenchoididae; red ring nematode		tunas (shoots), media tanam lainnya (others growing media) sebagai vektor (as a vector): <i>Rhynchophorus palmarum</i> , <i>Rhynchophorus cruentatus</i> , <i>Metamasius hemipterus</i> (Coleoptera; Curculionidae)	
8.	<i>Bursaphelenchus xylophilus</i> (Steiner & Buhner, 1934) Nickle, 1970; (Syn. <i>Aphelenchoides xylophilus</i> Steiner & Buhner, 1934, <i>Bursaphelenchus lignicolus</i> Mamiya & Kiyohara, 1972); Parasitaphelenchidae; pine wilt nematode, pine	<i>Abies</i> spp. (fir), <i>Abies amabilis</i> (Pacific silver fir), <i>Abies balsamea</i> (balsam fir), <i>Abies firma</i> (momi fir), <i>Abies grandis</i> (grand fir), <i>Abies sachalinensis</i> (sakhalin fir), <i>Cedrus atlantica</i> (atlas cedar), <i>Cedrus deodara</i> (Himalayan cedar), <i>Chamaecyparis nootkatensis</i> (alaska cedar), <i>Larix</i> spp.	batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kulit kayu (bark), kayu	Africa: South Africa America: Canada, Mexico, USA Asia: China, Hong Kong, Japan, Republic of Korea (South Korea), Taiwan, Turkey Europe: Portugal, Spain, Ukraine

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	wood nematode	(larch), <i>Larix decidua</i> (common larch), <i>Larix kaempferi</i> (Japanese larch), <i>Larix laricina</i> (American larch), <i>Larix occidentalis</i> (western larch), <i>Picea</i> spp. (spruce), <i>Picea abies</i> (common spruce), <i>Picea engelmannii</i> (engelmann spruce), <i>Picea glauca</i> (white spruce), <i>Picea jezoensis</i> (Yeddo spruce), <i>Picea mariana</i> (black spruce), <i>Picea pungens</i> (blue spruce), <i>Picea rubens</i> (red spruce), <i>Picea sitchensis</i> (sitka spruce), <i>Pinus</i> spp. (pines), <i>Pinus ayacahuite</i> (Mexican white pine), <i>Pinus banksiana</i> (jack pine), <i>Pinus brutia</i> (brutian pine), <i>Pinus bungeana</i> (lace bark pine), <i>Pinus caribaea</i> (Caribbean pine), <i>Pinus contorta</i> (lodgepole pine), <i>Pinus densiflora</i> (Japanese umbrella pine), <i>Pinus echinata</i> (shortleaf	(woods), media tanam yang melekat pada tanaman (growing media associated with plants), kemasan kayu (wood packaging), umbi (bulbs, tubers, corms/rhizomes) sebagai vektor (as a vector): <i>Monochamus alternatus</i> , <i>Monochamus carolinensis</i> , <i>Monochamus clamator</i> , <i>Monochamus galloprovincialis</i> , <i>Monochamus marmorator</i> , <i>Monochamus nitens</i> (Coleoptera; Cerambycidae)	

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		<p>pine), <i>Pinus elliotii</i> (slash pine), <i>Pinus halepensis</i> (Aleppo pine), <i>Pinus hartwegii</i> (Hartweg pine), <i>Pinus jeffreyi</i> (Jeffrey pine), <i>Pinus koraiensis</i> (fruit pine), <i>Pinus lambertiana</i> (big pine), <i>Pinus leiophylla</i> (smooth-leaved pine), <i>Pinus luchuensis</i> (luchu pine), <i>Pinus massoniana</i> (masson pine), <i>Pinus monticola</i> (western white pine), <i>Pinus mugo</i> (mountain pine), <i>Pinus nigra</i> (black pine), <i>Pinus oocarpa</i> (ocote pine), <i>Pinus palustris</i> (longleaf pine), <i>Pinus pinaster</i> (maritime pine), <i>Pinus pinea</i> (stone pine), <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus pungens</i> (tabel Mountain pine), <i>Pinus radiata</i> (radiata pine), <i>Pinus resinosa</i> (red pine), <i>Pinus strobiformis</i> (southwestern white pine), <i>Pinus strobus</i> (eastern white</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		pine), <i>Pinus sylvestris</i> (Scots pine), <i>Pinus taeda</i> (loblolly pine), <i>Pinus thunbergii</i> (Japanese black pine), <i>Pinus wallichiana</i> (blue pine), <i>Pinus yunnanensis</i> (Yunnan pine), <i>Pseudotsuga menziesii</i> (douglas-fir), <i>Xanthocyparis nootkatensis</i> (Alaska cedar)		
9.	<i>Cactodera cacti</i> Filipjev & Schuumans Stekhoven, 1941; (Syn. <i>Heterodera cacti</i> Filipjev & Schuurmans Stekhoven, 1941); Heteroderidae; cactus cyst nematode, cactus cyst eelworm, cactus root eelworm	<i>Apium graveolens</i> (seledri, celery), Cactaceae, <i>Cereus</i> , <i>Daucus carota</i> (wortel, carrot), <i>Echinopsis</i> spp., <i>Epiphyllum</i> spp., <i>Epiphyllum ackermannii</i> , <i>Erysimum allionii</i> , <i>Ferocactus</i> spp., <i>Opuntia microdasys</i> (angel's wings), <i>Opuntia stricta</i> (erect prickly pear), <i>Petroselinum crispum</i> (parslei, parsley), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Schlumbergera truncata</i> (christmas cactus)	akar (roots), batang (stems (above ground), shoots, trunks, branches), media tanam yang melekat pada tanaman (<i>growing media associated with plants</i>), tanah (soil)	Africa: Algeria America: Argentina, Brazil, Canada, Colombia, Cuba, Mexico, USA Asia: Armenia, Azerbaijan, China, Georgia, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Republic of Korea (South Korea), Tajikistan, Turkmenistan, Uzbekistan, Vietnam Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Croatia, Czechia, Czechoslovakia, Estonia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Denmark, Federal Republic of Yugoslavia, France, Germany, Hungary, Italy, Latvia, Lithuania, Malta, Moldova, Montenegro, North Macedonia, Netherlands, Poland, Romania, Russia, Serbia, Slovenia, Slovakia, Spain, Sweden, Switzerland, Ukraine, Union of Soviet Socialist Republics, United Kingdom Oceania: Australia
10.	<i>Ditylenchus africanus</i> Wendt et al. 1995; Anguinidae; groundnut pod nematode, peanut pod nematode	<i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Chenopodium album</i> (fat hen), <i>Datura stramonium</i> (jimsonweed), <i>Eleusine indica</i> (goose grass), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium hirsutum</i> (Bourbon cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Lupinus albus</i> (white lupine), <i>Medicago sativa</i> (alfalfa, lucerne),	akar (roots), biji (true seeds, grain), polong (pods), rhizom (rhizomes), umbi (bulbs, tubers, corms)	Africa: Mozambique, South Africa

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		<i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Tagetes minuta</i> (stinking roger), <i>Triticum aestivum</i> (gandum, wheat), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Xanthium strumarium</i> (common cocklebur), <i>Zea mays</i> (jagung, corn, maize)		
11.	<i>Ditylenchus destructor</i> Thorne, 1945; Anguinidae; potato rot nematode, potato tuber nematode, potato eelworm	<i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> (bawang bombai, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Beta vulgaris</i> (bit, beetroot), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Camellia sinensis</i> (teh, tea), <i>Capsicum annuum</i>	akar (roots), batang (stems (above ground), shoots, trunks, branches), kormus (corms), polong (pods), rimpang (rhizomes), stolon (stolons), umbi (bulbs, tubers)	Africa: Nigeria, South Africa America: Canada, USA Asia: China, Iran, Japan, Kazakhstan, Kyrgyzstan, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Tajikistan, Turkey, Uzbekistan Europe: Albania, Austria, Azerbaijan, Belarus, Bulgaria, Czechia, Estonia, France,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(cabai besar, paprika, bell pepper, hot pepper, red pepper, chili), <i>Chenopodium album</i> (<i>fat hen</i>), <i>Chrysanthemum</i> spp. (krisan, chrysant), <i>Chrysanthemum morifolium</i> (chrysanthemum (florists')), <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cucurbita moschata</i> (pumpkin), <i>Cyperus rotundus</i> (purple nutsedge), <i>Dahlia hybrids</i> , <i>Daucus carota</i> (wortel, carrot), <i>Datura stramonium</i> (jimsonweed), <i>Eleusine indica</i> (goose grass), <i>Elymus repens</i> (quackgrass), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fumaria officinalis</i> (common fumitory), <i>Gladiolus hybrids</i> (sword lily), <i>Glycine max</i> (kedelai, soyabean),		Greece, Hungary, Ireland, Jersey, Latvia, Luxembourg, Moldova, Netherlands, Norway, Poland, Romania, Russia, Slovakia, Sweden, Switzerland, Ukraine, United Kingdom Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Humulus lupulus</i> (hops), <i>Irish</i> spp. (irises), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Mentha</i> spp. (mentol, mint), <i>Panax ginseng</i> (Asiatic ginseng), <i>Panax quinquefolius</i> (American ginseng), <i>Solanum</i> (nightshade), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum</i> (nightshade), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Sonchus arvensis</i> (perennial sowthistle), <i>Tagetes minuta</i> (stinking Roger), <i>Taraxacum officinale complex</i> (dandelion), <i>Trifolium</i> spp., (clovers), <i>Triticum aestivum</i> (gandum, wheat), <i>Tulipa</i> spp. (tulip), <i>Xanthium strumarium</i> (common cocklebur), <i>Zea mays</i> (jagung, corn, maize)</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
12.	<p><i>Ditylenchus dipsaci</i> (Kuhn, 1857) Filip'ev, 1936; (Syn. <i>Anguillula devastatrix</i> Kühn, 1869, <i>Anguillula dipsaci</i> Kühn, 1857, <i>Anguillula secalis</i> Nitschke, 1868, <i>Anguillulina dipsaci</i> (Kühn, 1857) Gervais & Van Beneden, 1859, <i>Anguillulina dipsaci</i> var. <i>communis</i> Steiner & Scott, 1935, <i>Ditylenchus allocotus</i> (Steiner, 1934) Filip'ev & Sch. Stek., 1, <i>Ditylenchus amsinckiae</i> (Steiner & Scott, 1935) Filip'ev & Sch. <i>Ditylenchus dipsaci</i> var. <i>tobaensis</i> Schneider, 1937, <i>Ditylenchus fragariae</i> Kir'yanova, 1951, <i>Ditylenchus galeopsidis</i> Teploukhova, 1970, <i>Ditylenchus sonchophila</i> Kir'yanova, 1958,</p>	<p><i>Abrosia</i> spp., <i>Allium</i> spp., <i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i> var. <i>aggregatum</i> (bawang merah, shallot), <i>Allium fistulosum</i> (bawang daun, welch onion), <i>Allium porrum</i> (bawang daun, leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Agropiron</i> spp., <i>Apium graveolens</i> (seledri, celery), <i>Astrantia</i>, <i>Avena sativa</i> (oat, oats), <i>Avena</i> spp., <i>Begonia</i>, <i>Bergenia</i> (elephant-leaved saxifrage), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Cannabis sativa</i> (hemp), <i>Carduus acanthoides</i> (welted thistle), <i>Cichorium intybus</i> (chichory), <i>Crocus sativus</i> (kuma-kuma,</p>	<p>batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds, grain), buah (fruits, pods), bunga (flowers, inflorescences, cones, calyx), daun (leaves), stolon (stolons), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Africa: Algeria, Kenya, Morocco, Réunion, South Africa, Tunisia America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Haiti, Mexico, Paraguay, Peru, USA, Uruguay, Venezuela Asia: Armenia, China, Georgia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Oman, Pakistan, Republic of Korea (South Korea), Syria, Turkey, Uzbekistan, Yemen Europe: Albania, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Czechoslovakia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, North</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Ditylenchus trifolii</i> Skarbilovich, 1958, <i>Tylenchus allii</i> Beijerinck, 1883, <i>Tylenchus devastator</i>, <i>Tylenchus devastatrix</i> (Kühn) Oerley, <i>Tylenchus dipsaci</i> (Kühn, 1857) Bastian, 1865, <i>Tylenchus havensteinii</i> Kühn, 1881, <i>Tylenchus hyacinthi</i> Prillieux, 1881, <i>Tylenchus putrefaciens</i> Kühn, 1879); Anguinidae; bulb eelworm, brown ring disease of hyacinth, onion bloat, ring disease of bulbs, stem and bulb nematode</p>	<p>safron, saffron), <i>Cucumis melo</i> (melon, melon), Cucurbitaceae (cucurbits), <i>Chenopodium murale</i> (nettleleaf goosefoot), <i>Cirsium arvense</i> (creeping thistle), <i>Convolvulus arvensis</i> (bindweed), <i>Chrysanthemum</i> spp., <i>Crocus sativus</i> (kumakuma, safron, saffron), <i>Delpinium</i> spp., <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Erigeron</i> spp., <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gladiolus hybrids</i> (sword lily), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hieracium pilosella</i> (mouse-ear hawkweed), <i>Hyacinthes</i> spp., <i>Hyacinthus orientalis</i> (hyacinth), Hydrangea (hydrangeas), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lamium album</i> (white deadnettle), <i>Lamium</i></p>		<p>Macedonia, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>amplexicaule</i> (henbit deadnettle), <i>Lamium purpureum</i> (purple deadnettel), <i>Lens culinaris</i> ssp. <i>culinaris</i> (lentil, lentil), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Myriophyllum verticillatum</i> (whorled watermilfoil), <i>Narcissus</i> (daffodil), <i>Narcissus pseudonarcissus</i> (wild lent lily), <i>Nerine sarniensis</i> (guernsey lily), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Onobrychis viciifolia</i> (sainfoin), Orchidaceae (angrek, orchids), <i>Petroselinum crispum</i> (parslei, parsley), Phaseolus (beans), <i>Phaseolus coccineus</i> (runner bean), <i>Phlox drummondii</i> (annual phlox), <i>Phlox paniculata</i> (summer perennial phlox), <i>Pilosella officinarum</i> (mouse-ear hawkweed), <i>Pimpinella anisum</i> (aniseed),</p>		

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		<i>Pisum sativum</i> (kapri, sweet pea), Polyphagous (polyphagous), <i>Raphanus sativus</i> (lobak, radish), <i>Ranunculus arvensis</i> (corn buttercup), <i>Raphanus raphanistrum</i> (wild radish), <i>Secale cereale</i> (rye), <i>Solanum tuberosum</i> (kentang, potato), <i>Spinacia oleracea</i> (bayam, spinach), <i>Stellaria media</i> (common chickweed), <i>Tagetes</i> spp., <i>Taraxacum officinale complex</i> (dandelion), <i>Trifolium</i> spp., <i>Trifolium pratense</i> (purple clover), <i>Trifolium repens</i> (white clover), Triticum (gandum, wheat), Tulipa (tulip), <i>Vicia faba</i> (faba bean), <i>Zea mays</i> (jagung, corn, maize)		
13.	<i>Globodera pallida</i> Stone 1973; (Syn. <i>Globodera pallida</i> (Stone, 1973) Behrens, 1975,	<i>Datura</i> (thorn-apple), <i>Datura stramonium</i> (kecubung, jimsonweed), <i>Hyoscyamus niger</i> (black henbane),	akar (roots), bibit (seedlings, micropropagated plants), media tanam	Africa: Algeria, Canary Islands, Kenya, Morocco, Tunisia America: Bolivia, Canada, Chile, Colombia, Costa Rica,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Heterodera pallida</i> Stone, 1973); Heteroderidae; white cyst nematode, white potato cyst nematode, pale potato cyst nematode, potato cyst nematode, potato root eelworm</p>	<p><i>Lycopersicon pimpinellifolium</i> (currant tomato), <i>Oxalis tuberosa</i>, <i>Solanum acaule</i>, <i>Solanum americanum</i>, <i>Solanum aviculare</i> (kangaroo apple), <i>Solanum cardiophyllum</i>, <i>Solanum ehrenbergii</i>, <i>Solanum gilo</i> (gilo), <i>Solanum indicum</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum marginatum</i> (white-edged nightshade), <i>Solanum mauritianum</i> (tree tobacco), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum muricatum</i> (melon pear), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum oplocense</i>, <i>Solanum quitoense</i> (naranjilla), <i>Solanum sarrachoides</i> (green nightshade), <i>Solanum scabrum</i>, <i>Solanum spegazzinii</i>, <i>Solanum tuberosum</i> (kentang,</p>	<p>yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Ecuador, Falkland Islands, Panama, Peru, USA, Venezuela Asia: India, Iran, Japan, Pakistan, Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland, United Kingdom Oceania: New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		potato)		
14.	<i>Globodera tabacum</i> (Lownsbery & Lownsbery, 1954) Behrens, 1975; (Syn. <i>Globodera tabacum</i> (Lownsbery & Lownsbery, 1954) Mulvey & Stone, 1976, <i>Heterodera tabacum</i> Lownsbery & Lownsbery, 1954); Heteroderidae; tobacco cyst nematode	<i>Nicotiana rustica</i> (wild tobacco), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Solanum gilo</i> (gilo), <i>Solanum indicum</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum mauritianum</i> (tree tobacco), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum quitoense</i> (naranjilla), <i>Solanum tuberosum</i> (kentang, potato)	akar (roots), tanah (soil), umbi (bulbs, tubers, corms, rhizomes), media tanam yang melekat pada tanaman (growing media associated with plants)	Africa: Madagascar, Morocco America: Argentina, Canada, Colombia, Mexico, USA Asia: Armenia, Azerbaijan, China, Georgia, Japan, Kazakhstan, Kyrgyzstan, Pakistan, Republic of Korea (South Korea), Tajikistan, Turkmenistan, Uzbekistan Europe: Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Estonia, Federal Republic of Yugoslavia, France, Greece, Italy, Latvia, Lithuania, North Macedonia, Moldova, Montenegro, Ukraine, Russia, Serbia, Slovenia, Spain, Ukraine, Union of Soviet Socialist Republics
15.	<i>Hemicycliophora arenaria</i> Raski, 1958; Criconematidae; sheath nematode	<i>Apium graveolens</i> (seledri, celery), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper, hot pepper, red pepper,	akar (roots), bibit (seedlings, micropropagated plants), tanah (soil),	America: Brazil, USA Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		chili), <i>Capsicum frutescens</i> (chili), <i>Citrus aurantiifolia</i> (jeruk nipis, lime), <i>Citrus limettioides</i> (palestine sweet lime), <i>Citrus limonia</i> (mandarin lime), <i>Citrus jambhiri</i> , <i>Citrus macrophylla</i> (alemow), <i>Citrus reticulata</i> (jeruk mandarin, mandarin), <i>Citrus taiwanica</i> (nanshodaidai), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita palmate</i> (Coyote melon), <i>Hymenoclea salsola</i> (cheesebush), <i>Libocedrus chilensis</i> (chilean cedar), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Vigna cylindrical</i> (kacang tunggak, long bean), <i>Vitis vinifera</i> (anggur, grapevine)	media tanam yang melekat pada tanaman (growing media associated with plants)	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
16.	<i>Heterodera avenae</i> Wollenweber, 1924; (Syn. <i>Bidera avenae</i> (Wollenweber, 1924) Krall & Krall, 1978, <i>Bidera ustinovi</i> (Kirjanova, 1969) Krall & Krall, 1978, <i>Heterodera major</i> (Schmidt) Franklin, <i>Heterodera schachtii</i> maior (O. Schmidt, 1930), <i>Heterodera schachtii</i> var. <i>avenae</i> Wollenweber, 1924, <i>Heterodera ustinovi</i> Kirjanova, 1969); Heteroderidae; cereal cyst nematode, cereal cyst eelworm, oat cyst nematode, oat root eelworm	<i>Avena sativa</i> (oat, oats), <i>Hordeum vulgare</i> (barli, barley), Poaceae (grasses), <i>Secale cereale</i> (rye), <i>Triticale</i> spp., Triticum (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), bibit (seedlings, micropropagated plants), biji (true seeds, grain), tanah (soil), media tanam yang melekat pada tanaman (growing media associated with plants), umbi (tubers, corms, rhizomes)	Africa: Algeria, Egypt, Libya, Morocco, South Africa, Tunisia America: Canada, Peru, USA Asia: China, India, Iran, Israel, Japan, Kazakhstan, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Syria, Turkey Europe: Azerbaijan, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Czechoslovakia, Denmark, Estonia, Federal Republic of Yugoslavia, France, Germany, Greece, Ireland, Italy, Latvia, Montenegro, North Macedonia, Malta, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
17.	<i>Heterodera carotae</i> Jones;	<i>Daucus carota</i> (wortel, carrot)	akar (roots), bibit	Africa: Algeria, South Africa

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	Heteroderidae; carrot cyst nematode, carrot cyst eelworm, carrot root eelworm		dengan akar (seedlings with root), media tanam yang melekat pada tanaman (growing media associated with plants), umbi (tubers, corms, rhizomes), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	America: Canada, Chile, Mexico, USA Asia: Armenia, Azerbaijan, Georgia Europe: Belarus, Cyprus, Estonia, France, Germany, Greece, Hungary, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Netherlands, Poland, Portugal, Russia, Serbia, Slovenia, Switzerland, Tajikistan, Turkmenistan, Ukraine, United Kingdom, Uzbekistan
18.	<i>Heterodera cruciferae</i> Franklin, 1945; (Syn. <i>Heterodera (Heterodera) cruciferae</i> Franklin, 1945 (Skarbilovich, 1959); Heteroderidae; cabbage cyst nematode, crucifer cyst nematode	<i>Annona squamosa</i> (sugar apple), <i>Beta vulgaris</i> var. <i>saccharifera</i> (sugarbeet), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>gongylodes</i>	akar (roots), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (tubers, corms, rhizomes)	Africa: Algeria America: California Asia: Armenia, Azerbaijan, Georgia, Iran, Pakistan, Turkey Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(kohlrabi), <i>Brassica oleracea</i> var. <i>italica</i> (broccoli), <i>Brassica napus</i> var. <i>napobrassica</i> (swede), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Chenopodium album</i> (fat hen), <i>Coriandrum sativum</i> (coriander), <i>Crambe maritima</i> (Sea-kale), Cruciferae, <i>Daucus carota</i> (carrot), <i>Lamium album</i> (white deadnettle), <i>Lamium purpureum</i> (purple dead nettle), <i>Lepidium sativum</i> (garden cress), <i>Lobularia maritima</i> (sweet alyssum), <i>Moricandia arvensis</i> , <i>Pisum sativum</i> (pea), <i>Raphanus sativus</i> (lobak, radish), <i>Sinapis alba</i> (white mustard), <i>Sisymbrium loeselii</i> , <i>Solanum tuberosum</i> (potato), <i>Sonchus asper</i> (spiny sow-thistle)		Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Republic of Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia , San Marino , Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia
19.	<i>Heterodera goettingiana</i> Liebscher, 1892;	<i>Cicer arietinum</i> (kacang arab, chickpea), <i>Glycine max</i>	akar (roots), batang (stems (above	Africa: Algeria America: USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Syn. <i>Heterodera göttingiana</i> Liebscher 1892); Heteroderidae; pea cyst nematode, pea cyst eelworm, pea root eelworm	(kedelai, soyabean), <i>Lathyrus cicera</i> (flat-podded vetchling), <i>Lathyrus odoratus</i> (sweet pea), <i>Lathyrus sativus</i> (grasspea), <i>Lens esculentum</i> (lentil, lentil), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Lupinus albus</i> (white lupine), <i>Lupinus luteus</i> (yellow lupin), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Pisum sativum</i> (kapri, sweet pea), <i>Vicia</i> (vetch), <i>Vicia benghalensis</i> (purple vetch), <i>Vicia calcarata</i> , <i>Vicia cracca</i> (tufted vetch), <i>Vicia ervilia</i> (bitter vetch), <i>Vicia faba</i> (kacang babi, faba bean)	ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), polong dalam tanah (pods in the ground), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Asia: Armenia, Azerbaijan, China, Georgia, Iran, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Turkey, Tajikistan, Turkmenistan, Uzbekistan Europe: Belgium, Bulgaria, Belarus, Estonia, France, Germany, Italy, Latvia, Lithuania, Malta, Moldova, Netherlands, Poland, Portugal, Russia, Slovenia, Spain, Ukraine, Union of Soviet Socialist Republics, United Kingdom
20.	<i>Heterodera oryzicola</i> Rao & Jayaprakash 1978a; Heteroderidae; rice cyst nematode, paddy cyst nematode	<i>Brachiara decumbens</i> , <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Musa</i> spp. (pisang, banana), <i>Musa paradisiaca</i> (pisang, plantain), <i>Oryza sativa</i> (padi, paddy, rice), <i>Urochloa decumbens</i> (signal grass)	akar (roots), bibit (seedlings, micropropagated plants), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with	Africa: Ivory Coast Asia: India

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
21.	<i>Heterodera sacchari</i> Luc & Merny, 1963; Heteroderidae; sugarcane cyst nematode	<i>Axonopus compressus</i> (carpet grass), <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Echinochloa colona</i> (junglerice), <i>Eleusine indica</i> (goose grass), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Paspalum conjugatum</i> (sour paspalum), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i> (wild sugarcane), <i>Urochloa brizantha</i> (palisadegrass)	plants), tanah (soil) akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Benin, Burkina Faso, Chad, Congo, Ivory Coast, Gambia, Ghana, Liberia, Nigeria, Senegal Asia: India, Pakistan, Thailand
22.	<i>Heterodera schachtii</i> A. Schmidt, 1871; (Syn. <i>Heterobolbus schachtii</i> (Schmidt, 1871) Railliet, 1896, <i>Heterodera schachtii</i> subsp. <i>minor</i> O. Schmidt, 1930, <i>Tylenchus schachtii</i> (Schmidt, 1871) Oerley, 1880);	<i>Alliaria petiolata</i> (garlic mustard), <i>Alyssum argentium</i> , <i>Amaranthus</i> spp., <i>Amaranthus carneus</i> , <i>Amaranthus caudatus</i> (love-lies-bleeding), <i>Amaranthus graecizans</i> (prostrate pigweed), <i>Amaranthus hybridus</i> (smooth pigweed), <i>Amaranthus palmeri</i>	akar (roots), batang di atas tanah (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants) media tanam yang melekat pada	Africa: Algeria, Cabo Verde, Canary Islands, Egypt, Gambia, Libya, Morocco, Senegal, South Africa, Tunisia America: Canada, Chile, Mexico, Peru, USA, Uruguay Asia: China, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Pakistan, Syria,

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	Heteroderidae; beet cyst eelworm, sugar beet nematode	(palmer amaranth), <i>Amaranthus quitensis</i> , <i>Apium dulce</i> , <i>Arabis</i> spp., <i>Arabis alpina</i> , <i>Arabis arenosa</i> , <i>Arabis caucasica</i> (snow-in-summer), <i>Arabis hirsuta</i> (hairy rock- cress (UK)), <i>Arabis muralis</i> , <i>Arabidopsis</i> , <i>Arabis perfoliata</i> , <i>Arabis turrita</i> (tower rockcress), <i>Arabis verna</i> , <i>Armoracia rusticana</i> (horseradish), <i>Atriplex</i> spp., <i>Atriplex confertifolia</i> (shadscale saltbush), <i>Atriplex hastata</i> , <i>Atriplex hortensis</i> (garden orache), <i>Atriplex littoralis</i> (grass-leaved orache), <i>Atriplex patula</i> (common orache), <i>Atriplex rosea</i> (red orach (USA)), <i>Aubrieta</i> spp. (rainbow rock-cress), <i>Aubrieta columnae</i> , <i>Alyssum argenteum</i> , <i>Beta</i> spp., <i>Beta atriplicifolia</i> , <i>Beta corolliflora</i> , <i>Beta foliosa</i> ,	tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Turkey Europe: Albania, Austria, Azerbaijan, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czechia, Denmark, Estonia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Beta intermedia</i>, <i>Beta lomatogona</i>, <i>Beta macrocarpa</i>, <i>Beta macrorhiza</i>, <i>Beta nana</i>, <i>Beta patellaris</i>, <i>Beta trigyna</i>, <i>Beta vulgaris</i> (bit, beetroot), <i>Beta vulgaris</i> subsp. <i>maritima</i> (sea beet (UK)), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica</i> spp., <i>Brassica cernua</i>, <i>Brassica juncea</i> var. <i>juncea</i> (Indian mustard), <i>Brassica napus</i> var. <i>napobrassica</i> (swede), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica nigra</i> (black mustard), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa chinensis</i> L., <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Chenopodium</i> (goosefoot), <i>Dianthus</i> (carnation), <i>Dianthus barbatus</i> (sweet williams), <i>Dianthus</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>caryophyllus</i> (carnation), <i>Dianthus deltoides</i> (maiden pink), <i>Dianthus plumarius</i> (common pink), <i>Fallopia convolvulus</i> (black bindweed), <i>Gypsophila acutifolia</i>, <i>Gypsophila elegans</i> (baby's breath), <i>Oryza sativa</i> (padi, paddy, rice), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Phytolacca acinosa</i> (Indian pokeweed), <i>Pisum sativum</i> (kapri, sweet pea), <i>Polygonum</i> (knotweed), <i>Polygonum convolvulus</i> (black bindweed), <i>Portulaca oleracea</i> (purslane), <i>Raphanus maritimus</i>, <i>Raphanus raphanistrum</i> (wild radish), <i>Raphanus sativus</i> (lobak, radish), <i>Rheum hybridum</i> (rhubarb), <i>Rorippa amphibia</i> (great yellowcress), <i>Rorippa islandica</i> (yellow marshcress), <i>Rumex</i> spp.,</p>		

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		<p><i>Rumex acetosa</i> (sour dock), <i>Rumex acetosella</i> (sheep's sorrel), <i>Rumex alpinus</i> (alpine dock), <i>Rumex hydrolapathum</i> (water dock), <i>Rumex maritimus</i> (golden dock), <i>Rumex palustris</i>, <i>Rumex patienta</i>, <i>Rumex</i> <i>sanguineus</i> (red-veined dock), <i>Saponaria ocymoides</i> (rock soapwort), <i>Saponaria officinalis</i> (soapwort), <i>Sesbania exaltata</i> (coffeebean (USA)), <i>Sesbania</i> <i>macrocarpa</i>, <i>Silene armeria</i> (garden catchfly), <i>Silene</i> <i>maritima</i>, <i>Silene nutans</i> (nottingham catchfly (UK)), <i>Silene quadrifida</i>, <i>Silene</i> <i>saxifraga</i>, <i>Sinapis arvensis</i> (wild mustard), <i>Sinapis eruca</i>, <i>Sisymbrium austriacum</i>, <i>Sisymbrium irio</i>, <i>Sisymbrium</i> <i>loeselii</i>, <i>Sisymbrium officinale</i> (Hedge mustard), <i>Sisymbrium</i> <i>orientale</i> (eastern rocket (UK)),</p>		

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		<i>Solanum sarrachoides</i> (green nightshade), <i>Spinacia glabra</i> , <i>Spinacia oleracea</i> (bayam, spinach), <i>Stellaria media</i> (common chickweed), <i>Tetragonia tetragonioides</i> (New Zealand spinach), <i>Thlaspi arvense</i> (field pennycress), <i>Tropaeolum perigrinum</i> , Turfgrasses, <i>Vaccaria hispanica</i> (bladder soapwort), <i>Vicia benghalensis</i> (purple vetch), <i>Vigna</i> spp. (buncis, cowpea), <i>Vigna catjang</i>		
23.	<i>Heterodera trifolii</i> Goffart, 1932 (Syn. <i>Heterodera paratrifolii</i> Kirjanova, 1963, <i>Heterodera rumicis</i> Poghossian, 1961, <i>Heterodera scleranthii</i> Kaktina); Heteroderidae; clover cyst nematode, clover cyst eelworm	<i>Brassica rapa</i> subsp. <i>chinensis</i> , <i>Dianthus caryophyllus</i> (anyelir, carnation), Fabaceae, <i>Spinacia oleracea</i> (spinach)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Egypt, Tunisia America: Argentina, Canada, Chile, Colombia, Costa Rica, USA Asia: Armenia, Azerbaijan, Georgia, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Belarus, Belgium,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Bulgaria, Denmark, Estonia, France, Germany, Italy, Latvia, Lithuania, Moldova, Netherlands, Poland, Russia, Slovenia, Spain, Sweden, Switzerland, Ukraine, Union of Soviet Socialist Republics, United Kingdom Oceania: Australia, New Zealand
24.	<i>Heterodera cajani</i> Koshy, 1967; (Syn. <i>Heterodera vigni</i> Edward & Misra, 1968); Heteroderidae; cowpea cyst nematode, pigeon pea cyst nematode	<i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cajanus crassus</i> , <i>Cajanus platycarpus</i> (wild pigeon pea), <i>Crotalaria juncea</i> (cascavelle), <i>Cyamopsis tetragonoloba</i> (guar bean), <i>Desmodium triflorum</i> (threeflower ticktrefoil), <i>Flemingia strobilifera</i> (wild hops), <i>Lablab purpureus</i> (banner bean), <i>Macrotyloma uniflorum</i> (horsegram), <i>Macroptilium atropurpureum</i> (purple bush bean),	akar (roots), batang (stems (above ground)/shoots/trunks/branches), bibit (seedlings), biji (true seeds (inc. grain), daun (leaves), polong (pods), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil)	Africa: Egypt Asia: India, Myanmar, Pakistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Macroptilium lathyroides</i> (wild bush bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Phaseolus acutifolus</i> (tepariy bean), <i>Phaseolus lunatus</i> (sieve bean), <i>Phyllanthus maderaspatensis</i> (madera leaf flower), <i>Pisum sativum</i> (kapri, sweet pea), <i>Rhynchosia</i>, <i>Sesamum indicum</i> (wijen, sesame), <i>Sesamum malabaricum</i>, <i>Sesamum orientale</i> (sesame), <i>Sesbania aculeata</i> (dhaincha, dunchi fiber), <i>Sesbania cannabina</i> (corkwood tree), <i>Vicia narbonensis</i> (purple broad vetch), <i>Vicia sativa</i> (garden vetch), <i>Vigna</i> spp. (buncis, cowpea), <i>Vigna aconitifolia</i> (moth bean), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Vigna unguiculata</i> (cowpea),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Vigna sinensis</i> (kacang panjang, cowpea), <i>Vigna cylindrica</i> (kacang tunggak, long bean), <i>Vigna trilobata</i> (African gram)		
25.	<i>Heterodera zae</i> Koshy et al., 1971; Heteroderidae; corn cyst nematode, maize cyst nematode	<i>Avena sativa</i> (oat, oats), <i>Alopecurus pratensis</i> , <i>Capsicum annuum</i> (sweet pepper), <i>Citrus</i> spp., <i>Coix lacryma-jobi</i> (jali, pearl barley), <i>Corchorus capsularis</i> (jute, white jute), <i>Hordeum vulgare</i> (barli, barley), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> (millet), Poaceae (grasses), <i>Prunus dulcis</i> (almon, badam, almond), <i>Pyrus communis</i> (pir, pear), <i>Raphanus sativus</i> (lobak, radish), <i>Setaria italica</i> (foxtail millet), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum vulgare</i> (sorghum), <i>Sorghum bicolor</i> (sorgum, sorghum),	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil)	Africa: Egypt America: USA Asia: Afghanistan, China, India, Iran, Iraq, Nepal, Pakistan, Thailand Europe: Greece, Portugal

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Sorghum sudanense</i> (Sudan grass), <i>Triticum aestivum</i> (gandum, wheat), <i>Vetiveria zizanioides</i> (vetiver), (grasses), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mexicana</i> (teosinte)		
26.	<i>Hirschmanniella miticausa</i> Bridge, Mortimer & Jackson, 1983; Pratylenchidae; miti miti disease	<i>Colocasia esculenta</i> (talas, taro)	akar (roots), bibit (seedlings), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (tubers)	Oceania: Papua Nugini, Solomon Islands
27.	<i>Hirschmanniella spinicaudata</i> (Schuurmans Stekhoven, 1944) Luc & Goodey; (Syn. <i>Hirschmannia spinicaudata</i> (Schuurmans Stekhoven, 1944) Luc & Goodey, 1962, <i>Radopholus lavabri</i> Luc, 1957,	Cyperaceae (sedges), <i>Cyperus uiridis</i> , <i>Fimbristylis dichotoma</i> (tall fringe rush), <i>Hibiscus esculentus</i> , <i>Mariscus longibracteatus</i> , <i>Oryza longistaminata</i> (perennial wild rice), <i>Oryza sativa</i> (padi, paddy, rice), Poaceae (grasses), <i>Saccharum officinarum</i> (tebu,	akar (roots), bibit (seedlings/ micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (tubers/ corms/	Africa: Benin, Burkina Faso, Cameroon, Congo Democratic Republic, Ivory Coast, Gambia, Ghana, Nigeria, Senegal, South Africa, Togo, Zaire, Zambia America: Brazil, Costa Rica, Cuba, USA, Venezuela Asia: China, Pakistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Tylenchorhynchus spinicaudatus</i> Schuurmans Stekhoven, 1944); Pratylenchidae; rice root tip nematode, root lesion nematode	sugarcane), <i>Solanum lycopersicum</i> (tomat, tomato)	rhizomes)	
28.	<i>Hoplolaimus columbus</i> Sher, 1963; (Syn. <i>Basirolaimus colombus</i> (Sher), <i>Hoplolaimus colombus</i>); Hoplolaimidae; coltuber/Columbia lance nematode	<i>Cyperus esculentus</i> (yellow nutsedge), <i>Cynodon dactylon</i> (rumput bermuda, Bermuda grass), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), bibit (seedlings/ micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), tanah (soil)	Africa: Egypt America: USA, Trinidad and Tobago Asia: India, Pakistan
29.	<i>Hoplolaimus galeatus</i> (Cobb, 1913) Filipjev & Schuurmans Stekh; (Syn. <i>Nemonchus galeatus</i> Cobb, 1913, <i>Hoplolaimus coronatus</i> Cobb, 1923, <i>Hoplolaimus tylenchiformis</i> Andrassy, 1958);	<i>Agropyron smithii</i> (western wheatgrass), <i>Agrostis canina</i> (velvet bentgrass), <i>Agrostis palustris</i> (creeping bentgrass), <i>Arachis hypogea</i> (kacang tanah, peanut), <i>Alysicarpus ovalifolius</i> (alyce clover), <i>Alysicarpus ovalifolius</i> (alyce	akar (roots), bibit (seedlings/ micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar	Africa: Tanzania America: USA, Canada, Central and South America Asia: India, Pakistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Hoplolaimidae; lance nematode	clover), <i>Alysicarpus vaginalis</i> (alyce clover), <i>Andromeda</i> sp. (bog rosemary), <i>Antirrhinum</i> sp. (snapdragon), <i>Armoracia rusticana</i> (horseradish), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Capsicum annuum</i> (pepper), <i>Chamaecyparis</i> sp., <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Cucurbita pepo</i> (squash), <i>Dactylis glomerata</i> (orchardgrass), <i>Digitaria decumbens</i> (pangola grass), <i>Digitaria sanguinalis</i> (large crabgrass), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Elymus wawawaiensis</i> (Snake River wheatgrass), <i>Eremochloa ophiuroides</i> (centipedegrass), <i>Festuca elatior</i> (tall fescue), <i>Hordeum vulgare</i> (barley), <i>Ilex crenata</i> (Japanese holly), <i>Lespedeza cuneata</i> (Chinese	(cuttings with root), tanah (soil)	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		lespedeza), <i>Lespedeza stipulacea</i> (Korean Lespedeza), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Musa</i> (pisang, banana), <i>Oryza sativa</i> (padi, paddy, rice), <i>Paspalum vaginatum</i> (seashore paspalum), <i>Phaseolus vulgaris</i> (common bean), <i>Picea glauca</i> (white spruce), <i>Pimpinella anisum</i> (anise), <i>Pinus clausa</i> (sand pine), <i>Pinus cubensis</i> (Cuban pine), <i>Pinus echinata</i> (shortleaf pine), <i>Pinus edulis</i> (pinyon pine), <i>Pinus elliottiae</i> (slash pine), <i>Pinus nigra</i> (European black pine), <i>Pinus palustris</i> (longleaf pine), <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus rigida</i> (pitch pine), <i>Pinus serotina</i> (pond pine), <i>Pinus strobus</i> (eastern white pine),		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Pinus taeda</i> (loblolly pine), <i>Pinus virginiana</i> (swamp oak), <i>Platanus occidentalis</i> (American sycamore), <i>Populus heterophylla</i> (swamp cottonwood), <i>Poa annua</i> (annual meadowgrass), <i>Poaceae</i> (grasses), <i>Quercus palustris</i> (pin oak), <i>Quercus rubra</i> (red oak), <i>Saccharum officinarum</i> (sugarcane), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sudangrass), <i>Trifolium</i> spp. (clovers), <i>Trifolium pratense</i> (red clover), <i>Trifolium repens</i> (white clover), <i>Triticum aestivum</i> (wheat), Turfgrasses</p>		
30.	<p><i>Hoplolaimus indicus</i> Sher, 1963; (Syn. <i>Basirolaimus arachidis</i> (Maharaju & Das, 1982) Siddiqi, 1986, <i>Basirolaimus indicus</i>, <i>Hoplolaimus</i></p>	<p><i>Abelmoschus esculentus</i> (okra), <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Anacardium occidentale</i> (cashew nut), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Basella</i> spp.,</p>	akar (roots), media tanam yang melekat pada tanaman (growing media associated with plants), kormus	Africa: Ghana, Libya, Morocco Asia: Bangladesh, China, India, Iran, Nepal, Pakistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>arachidis</i> (Sher, 1963) Shamsi, 1979, <i>Hoplolaimus arachidis</i> Maharaju & Das, 1982); Hoplolaimidae; lance nematode</p>	<p><i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper, hot pepper, red pepper, chili), <i>Capsicum frutescens</i> (chilli), <i>Chrysanthemum</i> spp. (krisan, chrysant), <i>Citrus jambhiri</i> (rough lemon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cyamopsis tetragonoloba</i> (guar bean), <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Eleusine coracana</i> (finger millet), <i>Gossypium</i> (cotton), <i>Gossypium barbadens</i> (kapas, cotton), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Mangifera indica</i> (mangga, mango), <i>Musa</i> spp. (pisang, banana), <i>Oryza sativa</i></p>	<p>(corms), tanah (soil), umbi (bulbs, tubers, rhizomes)</p>	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(padi, paddy, rice), <i>Pennisetum glaucum</i> (pearl millet), <i>Pinus roxburghii</i> (chir pine), <i>Pisum sativum</i> (kapri, sweet pea), <i>Poncirus trifoliata</i> (Trifoliata orange), <i>Prunus persica</i> (persik, peach), <i>Psidium</i> spp., <i>Raphanus sativus</i> (lobak, radish), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Senna siamea</i> (siamese cassia), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Tamarindus indica</i> (asam, tamarind), <i>Trifolium alexandrinum</i> (berseem clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Vigna</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>cylindrica</i> (kacang tunggak, long bean), <i>Vigna unguiculata</i> (cowpea), <i>Zea mays</i> (jagung, corn, maize)		
31.	<i>Hoplolaimus pararobustus</i> (Sch. Stek. & Teun., 1938) Sher in Coomans, 1963; (Syn. <i>Gottholdsteineria pararobusta</i> (Sch. Stek. & Teun., 1938) Andrassy, 1958, <i>Hoplolaimus angustulatus</i> Whitehead, 1959, <i>Hoplolaimus capensis</i> Van den Berg & Heyns, 1970, <i>Hoplolaimus casparus</i> Van den Berg & Heyns, 1970, <i>Hoplolaimus kittenbergeri</i> Andrassy, 1961, <i>Hoplolaimus pararobustus</i> (Sch. Stek. & Teun., 1938) Sher, 1963, <i>Hoplolaimus proporicus</i> Goodey, 1957, <i>Rotylenchus pararobustus</i> (Sch. Stek. &	<i>Ananas comosus</i> (nanas, pineapple), <i>Camellia sinensis</i> (teh, tea), <i>Carica papaya</i> (pepaya, papaya), Citrus, <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Dioscorea</i> (yam), <i>Digitaria abyssinica</i> (East African couchgrass), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Eleusine coracana</i> (finger millet), <i>Gossypium hirsutum</i> (bourbon cotton), <i>Mangifera indica</i> (mangga, mango), <i>Musa</i> spp. (pisang, banana), <i>Oryza sativa</i> (padi, paddy, rice), <i>Psidium guajava</i> (jambu biji, guava), <i>Pueraria phaseoloides</i> (tropical kudzu), <i>Rosa</i> spp. (mawar, rose),	akar (roots), media tanam yang melekat pada tanaman (growing media associated with plants), kormus (corms), tanah (soil), umbi (bulbs, tubers, rhizomes)	Africa: Angola, Burkina Faso, Cameroon, DR Congo, Egypt, Gabon, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, Sao Tome and Principe, Senegal, South Africa, Tanzania, Togo, Uganda, Zimbabwe America: Dominica, Grenada, Saint Lucia, Saint Vincent and the Grenadines Asia: China, Pakistan, Sri Lanka

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Teun., 1938) Filipjev & Sch. Stek., 1941, <i>Tylenchorhynchus pararobustus</i> Schuurmans Stekhoven & Teunissen, 1938); Hoplolaimidae; lance nematode	<i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Theobroma cacao</i> (kakao, cocoa), <i>Triticum aestivum</i> (gandum, wheat), <i>Vigna cylindrica</i> (kacang tunggak, long bean), <i>Vigna unguiculata</i> (cowpea), <i>Vitis vinifera</i> (anggur, grapevine)		
32.	<i>Longidorus attenuatus</i> Hooper, 1961; Longidoridae; needle nematode	<i>Brassica</i> sp., <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Cucurbita</i> sp. (labu, pumpkin), <i>Daucus carota</i> (wortel, carrot), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Glycine max</i> (soybean), <i>Hordeum vulgare</i> (barli, <i>barley</i>), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> sp. (semanggi, clover), <i>Triticum</i> sp. (gandum, wheat)	akar (roots), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vektor (as a vector): Tomato black ring virus	Africa: Nigeria Asia: Turkey Europe: Bulgaria, France, Germany, Italy, Poland, Russia, Spain, Ukraine, United Kingdom
33.	<i>Longidorus caespiticola</i> Hooper;	<i>Fragaria vesca</i> (wild strawberry), <i>Rosa</i> spp. (mawar,	akar (roots), media tanam yang melekat	Europe: Belgium, Bulgaria, Czechia, Russia, Scotland,

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	Longidoridae; needle nematode	rose)	pada tanaman (growing media associated with plants), stolon (stolons), tanah (soil) sebagai vektor (as a vector): Raspberry ringspot virus, Cherry leaf roll virus	Slovenia, Ukraine, Western Europe
34.	<i>Longidorus elongatus</i> (de Man, 1876) Micoletzky, 1922; (Syn. <i>Dorylaimus elongates</i> de Man, 1876, <i>Dorylaimus tenuis</i> von Linstow, 1879, <i>Longidorus menthasolanus</i> Konicek & Jensen, 1961, <i>Longidorus monohystera</i> Altherr, 1953, <i>Trichodorus elongatus</i> (de Man, 1876) Filipjev, 1921); Longidoridae; needle nematode, tomato	<i>Allium</i> spp., <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> (bit, beetroot), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (brussels sprouts), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip, turnip), <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Dactylis glomerata</i> (cocksfoot), <i>Daucus carota</i> (wortel, carrot),	akar (roots), polong dalam tanah (pods in the ground), media tanam yang melekat pada tanaman (growing media associated with plants), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vektor (as a vector): Grup	Africa: South Africa America: Canada, USA Asia: Georgia, India, Kazakhstan, Pakistan, Tajikistan, Turkey, Uzbekistan, Vietnam Europe: Austria, Belgium, Bulgaria, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	black ring eelworm	<i>Fallopia convolvulus</i> (black bindweed), <i>Ficus carica</i> (fig), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria vesca</i> (wild strawberry), <i>Hordeum vulgare</i> (barli, barley), <i>Lactuca sativa</i> (selada, lettuce), <i>Lolium multiforum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Mentha piperita</i> (peppermint), <i>Poa annua</i> (annual meadowgrass), <i>Pyrus communis</i> (pir, pear), <i>Polygonum convolvulus</i> (black bindweed), <i>Ranunculus acris</i> (Meadow buttercup), <i>Raphanus sativus</i> (lobak, radish), <i>Ribes nigrum</i> (blackcurrant), <i>Ribes rubrum</i> (red currant), <i>Rosa</i> spp. (mawar, rose), <i>Rubus idaeus</i> (raspberry), <i>Solanum lycopersicum</i> (tomat, tomato),	Nepovirus	Switzerland, Ukraine, United Kingdom Oceania: New Zealand

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		<i>Stellaria media</i> (common chickweed), <i>Trifolium pratense</i> (red clover), <i>Urtica dioica</i> (stinging nettle), <i>Vitis vinifera</i> (anggur, grapevine)		
35.	<i>Longidorus leptocephalus</i> Hooper, 1961; Longidoridae; needle nematode	<i>Beta vulgaris</i> (bit, beetroot), <i>Brassica rapa</i> (turnip), <i>Daucus carota</i> (wortel, carrot), <i>Cerealia</i> , <i>Rosa</i> sp. (mawar, rose), <i>Malus domestica</i> (apel, apple), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Solanum tuberosum</i> (kentang, potato), <i>Tagetes</i> spp. (marigold), <i>Tulipa</i> sp. (tulip)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vektor (as a vector): <i>Raspberry ringspot virus</i> , <i>Cherry leaf roll virus</i>	Europe: Denmark, England, Germany, Ireland, Netherlands, Norway, Poland, Russia, Scotland, Slovenia, Slovakia, Sweden, United Kingdom
36.	<i>Longidorus macrosoma</i> Hooper, 1961;	<i>Fragaria vesca</i> (wild strawberry), <i>Rosa</i> spp. (mawar,	akar (roots), media tanam yang melekat	Asia: Armenia, Azerbaijan Europe: Albania, Andorra,

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	Longidoridae; needle nematode	rose), <i>Vitis vinifera</i> (anggur, grapevine)	pada tanaman (growing media associated with plants), stek berakar (cuttings with root), stolon (stolons), tanah (soil) sebagai vektor (as a vector): <i>Raspberry ringspot virus</i>	Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Republic of Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
37.	<i>Meloidogyne acronea</i> Coetzee 1956; (Syn. <i>Hypsoperine (Hypsoperine) acronea</i> Siddiqi 1986, <i>Hypsoperine acronea</i> Sledge and Golden 1964); Meloidogynidae; African cotton root nematode	<i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cassia</i> spp., <i>Chloris gayana</i> (rhodes grass), <i>Croton tiglium</i> (purging croton), <i>Cyamopsis tetragonoloba</i> (guar), <i>Eleusine coracana</i> (finger millet), <i>Eragrostis</i> spp. (lovegrasses),	akar (roots), bibit (seedlings, micropropagated plants), polong dalam tanah (pods in the ground), media tanam yang melekat pada tanaman (growing media associated with	Africa: Malawi, South Africa

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		Gossypium (cotton), <i>Gossypium barbadens</i> (kapas, cotton), <i>Gossypium hirsutum</i> (bourbon cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hibiscus sabdariffa</i> (jamaica sorrel), <i>Pennisetum glaucum</i> (pearl millet), Phaseolus (beans), <i>Phaseolus vulgaris</i> (common bean), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Vigna</i> spp. (buncis, cowpea)	plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	
38.	<i>Meloidogyne brevicauda</i> Loos, 1953; Meloidogynidae; Indian root-knot nematode, tea root-knot nematode	<i>Camellia sinensis</i> (teh, tea), <i>Crocus sativus</i> (kuma-kuma, safron, saffron)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers,	Asia: China, India, Sri Lanka Europe: Azerbaijan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
			corms, rhizomes)	
39.	<i>Meloidogyne chitwoodi</i> Golden, O' Bannon, Santo & Finley, 1980; Meloidogynidae; Columbia root-knot nematode	<i>Avena sativa</i> (oat, oats), <i>Beta vulgaris var. saccharifera</i> (bit gula, sugar beet), <i>Chenopodium quinoa</i> (quinoa), <i>Daucus carota</i> (wortel, carrot), <i>Hordeum vulgare</i> (barli, barley), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), Poaceae (grasses), <i>Scorzonera hispanica</i> (oyster plant), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Triticum aestivum</i> (gandum, wheat), <i>Vigna</i> spp. (buncis, cowpea), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Mozambique, South Africa America: Argentina, Chili, Mexico, USA Asia: Turkey Europe: Belgium, France, Germany, Netherlands, Portugal, Spain, Sweden, Switzerland
40.	<i>Meloidogyne coffeicola</i> Lordello & Zamith, 1960; (Syn. <i>Meloidodera coffeicola</i> (Lordello & Zamith, 1960) Kir'yanova, 1963);	<i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee), <i>Coffea liberica</i> (Liberian coffee tree),	akar (roots), bibit dengan media tanam (seedlings with growing media), tanah (soil)	America: Brazil

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	Meloidogynidae; coffee root-knot nematode	Eupatorium (Asteraceae)		
41.	<i>Meloidogyne decalineata</i> Whitehead; Meloidogynidae; African coffee root-knot nematode	<i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil)	Africa: Sao Tome and Principe, Tanzania
42.	<i>Meloidogyne exigua</i> Goeldi, 1892; (Syn. <i>Heterodera exigua</i> (Goeldi, 1892) Marcinowski, 1909); Meloidogynidae; coffee root-knot nematode, Brazilian pyroid coffee nematode, root-knot nematode	<i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> (bawang bombay, onion), <i>Bidens pilosa</i> (blackjack), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper, hot pepper, red pepper, chili), <i>Citrullus vulgaris</i> (semangka, watermelon), Citrus, <i>Citrus aurantium</i> (jeruk nipis, lime), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (arabica coffee), <i>Coffea eugenioides</i> , <i>Cucumis sativus</i> (mentimun, cucumber),	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), kormus (corms), stek berakar (cuttings with root), umbi (bulbs, tubers, rhizomes)	America: Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, French Guiana, Guadeloupe, Guatemala, Guyana, Honduras, Martinique, Nicaragua, Puerto Rico, Peru, Suriname, Trinidad and Tobago, Venezuela Asia: Turkey Europe: France

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Cyphomandra betacea</i> (tree tomato), <i>Ipomoea acuminata</i> , <i>Miconia</i> , <i>Musa</i> (banana), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pilea</i> , <i>Poncirus trifoliata</i> (Trifoliate orange), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Stachys arvensis</i> (staggerweed)		
43.	<i>Meloidogyne fallax</i> Karssen, 1996; (Syn. <i>Meloidogyne chitwoodi</i> (Baexem) B Type van Maggelen et al., 1994); Meloidogynidae; false Columbia root-knot nematode	<i>Allium porrum</i> , <i>Arachis hypogea</i> (kacang tanah, peanut), <i>Asparagus officinalis</i> (asparagus), <i>Avena strigosa</i> , <i>Beta vulgaris</i> (bit, beetroot), <i>Beta vulgaris</i> subsp. <i>vulgaris</i> (bit, beetroot), <i>Chenopodium album</i> (lambsquarters), <i>Cichorium intybus</i> , <i>Cynara scolymus</i> , <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Dahlia</i> spp. (dahlia), <i>Daucus carota</i> (wortel, carrot), <i>Daucus</i>	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: South Africa America: Chile Europe: Belgium, France, Germany, Netherlands, Norway, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>carota</i> subsp. <i>sativus</i>, <i>Fragaria</i> sp., <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Hemerocallis</i> sp. (daylily), <i>Hordeum vulgare</i>, <i>Lactuca sativa</i> (selada, lettuce), <i>Lamprocapnos spectabilis</i> (bleeding heart), <i>Leptinella</i> sp., <i>Lolium</i> sp., <i>Lolium perenne</i> subsp. <i>multiforum</i> (ryegrass, Italian ryegrass), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Oenothera biennis</i>, <i>Oenothera glazioviana</i> (primrose), <i>Phacelia tenacetifolia</i> (lacy phacelia), <i>Scorzonera hispanica</i> (oyster plant), <i>Sinapsis alba</i> (mustard), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium repens</i> (white clover), <i>Triticum</i> sp., <i>Triticum aestivum</i> (gandum, wheat),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Triticum durum</i> , Turfgrasses,		
44.	<i>Meloidogyne minor</i> Karssen et al.; Meloidogynidae	<i>Agrostis stolonifer</i> (creeping bentgrass), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato)	akar (roots), tanah (soil), umbi (tubers, corms, rhizomes)	America: USA Europe: Belgium, Ireland, Netherlands, Norway, Portugal, Sweden, United Kingdom Oceania: New Zealand
45.	<i>Meloidogyne naasi</i> Franklin, 1965; Meloidogynidae; barley root-knot nematode	<i>Beta vulgaris</i> var. <i>sacchraifera</i> (bit gula, sugar beet), Cerealea, <i>Chenopodium album</i> , <i>Chenopodium hybridum</i> , <i>Coronilla scropioides</i> , <i>Digitaria sanguinalis</i> , <i>Glyceria fluitans</i> , <i>Glycine max</i> (kedelai, soyabean), <i>Hordeum vulgare</i> (barli, barley), <i>Glyceria fluitans</i> , <i>Polygonum persicaria</i> , <i>Medicago hispida</i> , <i>Melilotus sulcata</i> , <i>Trifolium repens</i> (white clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Paspalum distichum</i> , Turfgrasses, <i>Vicia villosa</i>	akar (roots), bibit dengan media tanam (seedlings with growing media), tanah (soil), umbi (tubers, corms, rhizomes)	Africa: Libya America: Argentina, Canada, Chile, USA Asia: Iran, India Europe: Belgium, Bulgaria, Czechia, Denmark, France, Germany, Hungary, Ireland, Italy, Malta, Netherlands, Norway, Poland, Portugal, Serbia, United Kingdom Oceania: Australia, New Zealand
46.	<i>Meloidogyne oteifae</i> Elmiligy, 1968;	<i>Coffea</i> spp. (kopi, coffee), <i>Peuraria</i> spp.	akar (roots), bibit dengan media tanam	Africa: Angola, DR Congo

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Meloidogynidae; root-knot nematode		(seedlings with growing media), tanah (soil)	
47.	<i>Meloidogyne thailandica</i> Handoo, Skantar, Carta, & Erbe 2005; Meloidogynidae; root-knot nematode	<i>Zingiber officinale</i> (jahe, ginger)	akar (roots), bagian tanaman (plant part), batang bawah (rootstock), tanah (soil)	Asia: Thailand
48.	<i>Nacobbus aberrans</i> (Thorne, 1935) Thorne & Allen, 1944; (Syn. <i>Anguillulina aberrans</i> Thorne, 1935, <i>Nacobbus batatiformis</i> Thorne & Schuster, 1956, <i>Nacobbus bolivianus</i> Lordello, Zamith & Boock, 1961, <i>Nacobbus serendipiticus</i> Franklin, 1959, <i>Nacobbus serendipiticus bolivianus</i> Lordello, Zamith & Boock, 1961, <i>Pratylenchus aberrans</i> (Thorne, 1935) Filipjev, 1936); Pratylenchidae;	<i>Amaranthus</i> (amaranth), <i>Amaranthus hybridus</i> (bayam, spinach), <i>Atriplex confertifolia</i> (shadscale saltbush), <i>Beta vulgaris</i> (bit, beetroot), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica napus</i> var. <i>napobrassica</i> (swede), <i>Brassica nigra</i> (black mustard), <i>Brassica nigra</i> (black mustard), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica</i>	akar (roots), bibit (seedlings/ micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Egypt America: Argentina, Bolivia, Chile, Ecuador, Mexico, Peru, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	false root-knot nematode, potato rosery nematode	<i>oleracea</i> var. <i>gemmifera</i> (brussels sprouts), <i>Brassica oleracea</i> var. <i>gongylodes</i> (kohlrabi), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> subsp. <i>pekinensis</i> (petsai), <i>Capsicum annuum</i> (cabai, paprika, bell pepper, hot pepper, red pepper, chili), <i>Chenopodium album</i> (fat hen), <i>Chenopodium quinoa</i> (quinoa), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (giant pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Daucus carota</i> (wortel, carrot), <i>Gaillardia</i> spp., <i>Kochia</i> spp., <i>Lactuca sativa</i> (selada, lettuce), <i>Opuntia</i> spp. (pricklypear), <i>Pisum sativum</i> (kapri, sweet pea), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Sisymbrium irio</i> (london rocket), <i>Spergula arvensis</i> (corn spurry), <i>Spinacia oleracea</i> (spinach), <i>Tribulus terrestris</i> (puncture vine), <i>Tragopogon porrifolius</i> (oysterplant)		
49.	<i>Paratrichodorus porosus</i> (Allen, 1957) Siddiqi, 1974; (Syn. <i>Trichodorus porosus</i> (Allen, 1957) Siddiqi, 1980, <i>Paratrichodorus</i> (Atlantadorus) <i>porosus</i> (Allen, 1957) Siddiqi, 1974, <i>Trichodorus bucrius</i> Lordello & Zamith, 1958, <i>Trichodorus porosus</i> Allen, 1957); Trichodoridae; stubby-root nematode	<i>Abelmoschus esculentus</i> (okra, okra), <i>Acer palmatum</i> (Japanese maple), <i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Aphananthe aspera</i> (muku), <i>Aucuba japonica</i> (Japanese aucuba), <i>Bambusa tuldoidea</i> (punting-pole bamboo), <i>Bambusa vulgaris</i> (bambu, common bamboo), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica rapa</i> subsp. <i>chinensis</i> (pak-choi, chinese cabbage), <i>Butia</i> (jelly	akar (roots), bibit (seedlings/ micropropagated plants), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, rhizomes) sebagai vektor (as a	Africa: South Africa America: Brazil, Chile, Costa Rica, USA Asia: China, India, Iran, Japan, Republic of Korea (South Korea), Sri Lanka, Uzbekistan, Vietnam Europe: Italy, Portugal, Russia Oceania: Australia, Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		palm), <i>Callicarpa japonica</i> (Japanese callicarpa), <i>Camellia</i> , <i>Camellia sinensis</i> (teh, tea), <i>Carpinus tschonoskii</i> , <i>Castanea crenata</i> (Japanese chestnut), <i>Castanopsis cuspidata</i> (chinkapin), <i>Casuarina</i> (beefwood), <i>Casuarina equisetifolia</i> (casuarina), <i>Celtis sinensis</i> (Chinese elm), <i>Cercidiphyllum japonicum</i> (katsura), <i>Cinnamomum camphora</i> (camphor laurel), <i>Camellia</i> , <i>Citrus jambhiri</i> (rough lemon), <i>Citrus limon</i> (jeruk lemon, lemon), <i>Citrus reticulata</i> (jeruk mandarin, mandarin), <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Citrus x paradisi</i> (grapefruit), <i>Cleyera japonica</i> , <i>Cryptomeria japonica</i> (Japanese cedar), <i>Cucurbita maxima</i> (giant pumpkin),	vector): Tobravirus	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Daphniphyllum macropodum</i>, <i>Dioscorea</i> (yam), <i>Dioscorea batatas</i> (Chinese yam), <i>Eucalyptus</i> (Eucalyptus tree), <i>Fatsia japonica</i> (Japanese aralia), <i>Ficus carica</i> (fig), Gardenia, <i>Ginkgo biloba</i> (kew tree), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (kapas, cotton), <i>Hordeum vulgare</i> (barli, barley), <i>Idesia polycarpa</i> (idesia), <i>Ilex crenata</i> (Japanese holly), <i>Ilex integra</i> (mochi), <i>Ilex rotunda</i> (kurogane holly), <i>Juglans regia</i> (walnut), <i>Juniperus</i> (junipers), <i>Lagerstroemia indica</i> (indian crape myrtle), <i>Ligustrum lucidum</i> (broad-leaf privet), Lupinus (lupins), <i>Lycopersicon peruvianum</i>, <i>Magnolia hypoleuca</i> (japanese big-leaved magnolia), <i>Malus domestica</i> (apel, apple), <i>Morus alba</i></p>		

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		(mora), Musa (pisang, banana), <i>Musa acuminata</i> (wild banana), <i>Musa x paradisiaca</i> (pisang kepok, plantain), <i>Neolitsea sericea</i> , <i>Olea europaea</i> subsp. <i>europaea</i> (zaitun, olive), <i>Persea americana</i> (avokad, avocado), <i>Pinopsida</i> (conifers), <i>Pinus densiflora</i> (Japanese umbrella pine), <i>Pinus pseudostrobus</i> var. <i>pseudostrobus</i> , <i>Pinus thunbergii</i> (Japanese black pine), <i>Pittosporum tobira</i> (Japanese pittosporum), <i>Poncirus trifoliata</i> (Trifoliolate orange), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus domestica</i> (prem, plum), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Prunus serrulata</i> (Japanese flowering cherry), <i>Pyrus amygdaliformis</i> ,		

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		<i>Pyrus communis</i> (pir, pear), <i>Quercus acutissima</i> (sawtooth oak), <i>Quercus glandulifera</i> (Glandbearing oak), <i>Quercus salicina</i> , <i>Rhododendron</i> (azalea), <i>Rhododendron indicum</i> (satsuki azalea), <i>Rosa</i> (mawar, roses), <i>Rubus loganobaccus</i> (loganberry), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Tagetes erecta</i> (African marigold), <i>Tagetes patula</i> (french marigold), <i>Taxus cuspidata</i> (Japanese yew), <i>Ternstroemia gymnanthera</i> , <i>Viburnum odoratissimum</i> , <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize)		
50.	<i>Pratylenchus goodeyi</i> Sher & Allen, 1953; (Syn. <i>Anguillulina musicola</i> Apud Goodey, 1932,	<i>Commelina benghalensis</i> (wandering jew), <i>Digitaria scalarum</i> , <i>Digitaria velutina</i> , <i>Hyparrhenia rufa</i> (Jaragua	akar (roots), bibit (seedlings), micropropagated plants), kormus	Africa: Burundi, Cameroon, Canary Island, Egypt, Ethiopia, Kenya, Rwanda, Tanzania, Uganda

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	<i>Tylenchus musicola</i> Apud Goodey, 1928); Pratylenchidae; banana lesion nematode	grass), <i>Leucaena leucocephala</i> (leucaena), <i>Musa</i> spp. (pisang, banana), <i>Musa x paradisiaca</i> (plantain), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (black night shade), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sesbania grandiflora</i> (turi, agati), <i>Vigna</i> spp. (kacang panjang, cowpea), <i>Zea mays</i> (jagung, corn, maize)	(corms), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, rhizomes)	Asia: China, Pakistan Europe: Greece, Portugal, Spain Oceania: Australia
51.	<i>Pratylenchus neglectus</i> (Rensch, 1924) Filipjev & Schuurmans Stekhoven, 1941); (Syn. <i>Aphelenchus neglectus</i> Rensch, 1924, <i>Aphelenchus neglectus</i> Goffart, 1927, <i>Tylenchus neglectus</i> Steiner, 1928, <i>Anguillulina neglectus</i> W. Schneider, 1939,	<i>Pistacia vera</i> (pistachio), <i>Triticum aestivum</i> (gandum, wheat)	akar (roots), bibit dengan media tanam (seedlings with growing media), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Kenya, Morocco, South Africa, Tunisia America: Canada, Mexico, USA Asia: Armenia, Azerbaijan, China, Georgia, Iran, Japan, Kazakhstan, Kyrgyzstan, Pakistan, Tajikistan, Turkmenistan, Turkey, Uzbekistan Europe: Belarus, Bulgaria,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Pratylenchus minyus</i> Sher & Allen, 1953, <i>Pratylenchus capitatus</i> Loof, 1978); Pratylenchidae; California root lesion nematode, California meadow nematode			Croatia, Estonia, Hungary, Italy, Latvia, Lithuania, Moldova, Poland, Russia, Spain, Ukraine, Union of Soviet Socialist Republics Oceania: Australia, New Zealand
52.	<i>Pratylenchus scribneri</i> Steiner, 1943; Pratylenchidae; lesion nematode	<i>Fragaria vesca</i> (wild strawberry), <i>Gossypium barbadens</i> (kapas, cotton), <i>Hippeastrum</i> spp. (amarilis, amaryllis), <i>Pistacia vera</i> (pistachio)	akar (roots), stolon (stolons), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Cameroon America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Mexico, Paraguay, Peru, Suriname, Uruguay, USA, Venezuela Asia: China, India, Israel, Japan, Pakistan, Republic of Korea (South Korea), Turkey Europe: Bulgaria, Italy, Sweden
53.	<i>Pratylenchus thornei</i> Sher. & Allen, 1953; Pratylenchidae; Thorne's root lesion nematode	<i>Agrostis</i> spp. (bentgrasses), <i>Allium cepa</i> (onion), <i>Allium ascalonicum</i> (bawang merah, shallot), <i>Apium graveolens</i> (seledri, celery), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Avena sativa</i> (oat,	akar (roots), batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), kulit kayu	Africa: Algeria, Canary Islands, Egypt, Kenya, Libya, Malawi, Morocco, South Africa, Sudan, Tunisia America: Argentina, Canada, Chile, Mexico, USA, Venezuela Asia: Afghanistan, India, Iran,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		oats), <i>Beta vulgaris</i> (bit, beetroot), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cupressus</i> spp. (cypresses), <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Cynara scolymus</i> (artichoke), <i>Daucus carota</i> (wortel, carrot), Fabaceae (leguminous plants), <i>Fragaria ananassa</i> (strawberry), <i>Fragaria vesca</i> (wild strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Hordeum vulgare</i> (barli, barley), <i>Iberis</i> spp. (candytuft), <i>Juglans regia</i> (walnut), <i>Lathyrus odoratus</i> (sweet pea), <i>Lens culinaris</i>	(bark), polong dalam tanah (pods in the ground), stolon (stolons), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Israel, Japan, Jordan, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Syria, Tajikistan, Turkey Europe: Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus, Denmark, Federal Republic of Yugoslavia, Germany, Greece, Italy, Montenegro, North Macedonia, Netherlands, Poland, Portugal, Romania, Russia, Spain, Serbia, Slovenia, Slovakia, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		subsp. <i>culinaris</i> (lentil), <i>Lens esculenta</i> (lentil), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Mentha piperita</i> (peppermint), <i>Mentha spicata</i> (spear mint), <i>Phaseolus vulgaris</i> (common bean), Pinus (pines), <i>Pinus merkusii</i> (tusam, pinetree), <i>Pisum sativum</i> (kapri, sweet pea), Poaceae (grasses), <i>Prunus</i> spp. (stone fruit), <i>Prunus amygdalus</i> (badam, almond), <i>Prunus dulcis</i> (badam, almond), <i>Quercus</i> spp. (oak), <i>Rosa</i> spp. (mawar, rose), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Trifolium</i> spp. (semanggi), <i>Trifolium alexandrinum</i> (berseem clover), <i>Trifolium fragiferum</i> (strawberry clover), <i>Trifolium repens</i> (white clover), <i>Triticum</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>aestivum</i> (gandum, wheat), <i>Triticum turgidum</i> (durum wheat), <i>Vicia faba</i> (faba bean), <i>Vigna cylindrica</i> (kacang tunggak, long bean), <i>Vigna unguiculata</i> (cowpea), <i>Vitis vinifera</i> (anggur, grapevine), <i>Vigna</i> spp. (kacang panjang, cowpea), <i>Zea mays</i> (jagung, corn, maize)		
54.	<i>Pratylenchus vulnus</i> Allen & Jensen, 1951; Pratylenchidae; walnut root lesion nematode; root lesion nematode; meadow nematode	<i>Actinidia arguta</i> (tara vine), <i>Actinidia deliciosa</i> (kiwi, kiwi fruit), <i>Araucaria araucana</i> (monkey puzzle), <i>Bambusa</i> sp. (bambu, bamboo), <i>Berberis thunbergii</i> (Japanese barberry), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Buxus sempervirens</i> (common boxwood), <i>Carya illinoensis</i> (pecan), <i>Citrus aurantium</i> (sour orange), <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Citrus x paradisi</i> (grapefruit), <i>Coffea</i>	akar (roots), batang (stems (above ground), shoot, trunks, branches), bibit (seedlings, micropropagated plants), kulit kayu (bark), media tanam yang melekat pada tanaman (growing media associated with plants), polong dalam tanah (pods in the ground), stolon	Africa: Cameroon, Egypt, Kenya, Morocco, R�union, South Africa, Tunisia America: Argentina, Brazil, Cuba, Canada, USA, Uruguay Asia: Armenia, Azerbaijan, China, Georgia, India, Iran, Israel, Japan, DPR Korea (North Korea), Kyrgyzstan, Kazakhstan, Pakistan, Philippines, Republic of Korea (South Korea), Sri Lanka, Tajikistan, Turkmenistan, Turkey, Uzbekistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(coffee), <i>Corylus avellana</i> (hazel), <i>Cotoneaster horizontalis</i> (wall-spray), <i>Crotalaria juncea</i> (sunn hemp), <i>Crotalaria spectabilis</i> (Showy rattlepod), <i>Cydonia oblonga</i> (quince), <i>Cytisus scoparius</i> (broom), <i>Daucus carota</i> (wortel, carrot), <i>Eriobotrya japonica</i> (loquat), <i>Ficus carica</i> (ara), <i>Forsythia intermedia</i> (golden bells), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gossypium hirsutum</i> (bourbon cotton), Hamamelis (witchhazel), <i>Hedera helix</i> (ivy), <i>Impatiens balsamina</i> (garden balsam), <i>Juglans hindsii</i> (californian black walnut), <i>Juglans major</i> (arizona walnut), <i>Juglans microcarpa</i> (river walnut tree), <i>Juglans nigra</i> (black walnut), <i>Juglans regia</i> (walnut), <i>Juniperus chinensis</i>	(stolons), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Europe: Belarus, Belgium, Bulgaria, Denmark, Estonia, Finland, France, Germany, Greece, Italy, Latvia, Lithuania, Moldova, Netherlands, Norway, Poland, Russia, Spain, Slovenia, Ukraine, Union of Soviet Socialist Republics, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(Chinese juniper), <i>Lathyrus odoratus</i> (sweet pea), <i>Ligustrum ovalifolium</i> (california privet), <i>Lilium longiflorum</i> (Easter lily), <i>Lilium speciosum</i> (Showy lily), <i>Lotus corniculatus</i> (bird's-foot trefoil), Mahonia (holly grape), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab-apple tree), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Melilotus albus</i> (honey clover), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Olea europaea</i> subsp. <i>europaea</i> (zaitun, olive), <i>Papaver somniferum</i> (opium poppy), <i>Persea americana</i> (avokad, avocado), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), Pinopsida (conifers), <i>Pinus koraiensis</i> (fruit pine), <i>Pinus thunbergii</i> (black pine), <i>Pistacia</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>vera</i> (pistachio), <i>Pisum sativum</i> (kapri, sweet pea), <i>Prunus amygdalus</i> (badam, almond), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus besseyi</i> (bessey cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (badam, almond), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Pterocarya stenoptera</i> (chinese wing nut), <i>Pyrus communis</i> (pir, pear), <i>Rosa</i> (roses), <i>Rosa canina</i> (dog rose), <i>Rosa chinensis</i> (China rose), <i>Rosa multiflora</i> (multiflora rose), <i>Rubus</i> (blackberry, raspberry), <i>Rubus idaeus</i> (raspberry), <i>Sequoia sempervirens</i> (coast redwood), <i>Taxus baccata</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(English yew), <i>Taxus chinensis</i> , <i>Vicia benghalensis</i> (purple vetch), <i>Vicia faba</i> (kacang babi, broad bean), <i>Vigna catjang</i> , <i>Vitis rupestris</i> (sand-grape), <i>Vitis vinifera</i> (grapevine), <i>Zea mays</i> (jagung, corn, maize)		
55.	<i>Punctodera punctata</i> (Thorne) Mulvey & Stone, 1976; (Syn. <i>Heterodera punctata</i> Thorne, 1928); Heteroderidae; grass cyst nematode, grass cyst eelworm	<i>Agrostis capillaris</i> (brown bentgrass), <i>Agrostis stolonifera</i> (creeping bentgrass), <i>Agrostis stolonifera</i> var. <i>palustris</i> (bent grass), <i>Avena sativa</i> (oat, oats), <i>Festuca rubra</i> (red fescue), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium perenne</i> (perennial ryegrass), <i>Poa annua</i> (annual meadowgrass), <i>Poa pratensis</i> (smooth-stalked meadowgrass), <i>Rosa</i> spp. (mawar, rose), <i>Triticum aestivum</i> (gandum, wheat), Turfgrasses	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Ivory Coast, Morocco America: Argentina, Canada, Chile, Cuba, Dominica, Guyana, Mexico, Puerto Rico, USA Asia: Israel, Japan Europe: Austria, Belgium, Bosnia and Herzegovina, Czechia, Czechoslovakia, Croatia, Denmark, Estonia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Latvia, Montenegro, North Macedonia, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovakia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
				Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
56.	<i>Radopholus citrophilus</i> Huettel, Dickson & Kaplan, 1984; (Syn. <i>Radopholus similis</i> citrus race); Pratylenchidae; burrowing nematode, spreading decline of citrus	<i>Citrus</i> spp. (jeruk, orange)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), tanah (soil)	Africa: Ivory Coast America: Cuba, Dominica, Puerto Rico, Guyana, USA
57.	<i>Scutellonema bradys</i> (Steiner & Le Hew, 1933) Andrassy, 1958; (Syn. <i>Anguillulina bradys</i> (Steiner & Le Hew, 1933) T. Goodey, 1975, <i>Hoplolaimus bradys</i> Steiner & Le Hew, 1933, <i>Rotylenchus blaberus</i> Steiner, 1937, <i>Rotylenchus bradys</i> (Steiner & Le Hew, 1933) Filipjev, 1936,	<i>Abelmoschus esculentus</i> (okra), <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Ananas comosus</i> (nenas, pineapple), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Celosia argentea</i> (celosia argentea), <i>Cocos nucifera</i> (kelapa, coconut), <i>Corchorus</i>	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulb, tubers, corms, rhizomes)	Africa: Benin, Burkina Faso, Cameroon, Ivory Coast https://www.cabi.org/cpc/datasheet/108394 , Gambia, Ghana, Guinea, Kenya, Mali, Nigeria, Senegal, Sudan, Tanzania, Togo America: Barbados, Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Guadeloupe, Guatemala, Haiti,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Scutellonema blaberum</i> (Steiner, 1937) Andrassy, 1958, <i>Scutellonema dioscorea</i> Lordello, 1959); Hoplolaimidae; yam dry rot nematode, yam nematode</p>	<p><i>olitorius</i> (jute), <i>Dioscorea</i> spp. (yam), <i>Dioscorea alata</i> (white yam), <i>Dioscorea bulbifera</i> (air potato), <i>Dioscorea cayenensis</i> (Guinea yam), <i>Dioscorea esculenta</i> (Asiatic yam), <i>Dioscorea rotundata</i>, <i>Dioscorea trifida</i> (cushcush yam), <i>Hibiscus cannabinus</i> (kenaf), <i>Hibiscus sabdariffa</i> (jamaica sorrel), <i>Luffa acutangula</i> (gambas, angled loofa), <i>Luffa aegyptiaca</i> (loofah), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Pachyrhizus erosus</i> (bangkuang, yam-bean), <i>Pueraria phaseoloides</i> (tropical kudzu), <i>Quercus</i> spp., <i>Sesamum indicum</i> (wijen, sesame), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Synedrella nodiflora</i> (synedrella), <i>Urena lobata</i></p>		<p>Jamaica, Martinique, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: India, Pakistan</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(caesar weed), <i>Vigna cylindrica</i> (kacang tunggak, long bean), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Vigna unguiculata</i> (cowpea), <i>Zea mays</i> (jagung, corn, maize)		
58.	<i>Trichodorus similis</i> Seinhorst, 1963; Trichodoridae; stubby root nematode	<i>Dioscorea batatas</i> (chinese yam), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum)	akar (roots), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vektor (as a vector): Grup Tobravirus	America: USA Asia: Turkey Europe: Belgium, Bulgaria, Czechia, France, Germany, Italy, Netherlands, Norway, Poland, Sweden, United Kingdom
59.	<i>Trichodorus viruliferus</i> Hooper, 1963; Trichodoridae; stubby root nematode	<i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Hordeum vulgare</i> (barli, barley), <i>Malus domestica</i> (apel, apple), <i>Pisum sativum</i> (kapri, sweet pea), <i>Secale cereale</i> (rye), <i>Solanum tuberosum</i> (kentang, potato), <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung,	akar (roots), bibit dengan media tanam (seedlings with growing media), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vektor (as a	America: USA Europe: Belgium, Bulgaria, Czechia, France, Germany, Hungary, Italy, Netherlands, Poland, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		corn, maize)	vector): <i>Pea early browning virus, Tobacco rattle virus</i>	
60.	<i>Tylenchorhynchus claytoni</i> Steiner, 1937; (Syn. <i>Tesselus claytoni</i> Jairajpuri & Hunt, 1984); Dolichodoridae; stunt nematode, tobacco stunt nematode	<i>Agrostis stolonifera</i> var. <i>palustris</i> (bent grass), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Arachniodes adiantiformis</i> (leatherleaf fern), <i>Arctium lappa</i> (burdock), <i>Aucuba japonica</i> (japanese aucuba), <i>Avena sativa</i> (oat, oats), Azaleas, <i>Bouteloua curtipendula</i> (Side-oats grama), <i>Bouteloua gracilis</i> (blue grama), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Camellia japonica</i> (camellia), <i>Chamaecyparis pisifera</i> (sawara false cypress), <i>Citrus aurantium</i> (sour orange), <i>Citrus limon</i> (lemon, lemon), <i>Citrus x paradisi</i> (grapefruit), <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Echinochloa colona</i>	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), polong dalam tanah (pods in the ground), stek berakar (cuttings with root), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: South Africa America: Canada, Honduras, USA, Asia: Bangladesh, China, India, Japan, DPR Korea (North Korea), Republic of Korea (South Korea), Turkey Europe: Belgium, Bulgaria, Cyprus, Denmark, Germany, Italy, Netherlands, Poland, Switzerland, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(junglerice), <i>Eleusine coracana</i> (finger millet), <i>Enkianthus perulatus</i> (white enkianthus), Erica (heaths), Festuca (fescues), <i>Festuca arundinacea</i> (reed fescue), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> sp. (kapas, cotton), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Litchi chinensis</i> (leci, lichi), Lolium (ryegrasses), <i>Medicago sativa</i> (alfalfa, lucerne), Nandina, <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Olea europaea</i> subsp. <i>europaea</i> (zaitun, olive), <i>Oryza sativa</i> (padi, paddy, rice), <i>Osmanthus fragrans</i> (sweet olive), Peony, <i>Photinia glabra</i> , <i>Picea abies</i> (common spruce), <i>Pieris japonica</i> (Lily-of-the-valley shrub), <i>Pinus echinata</i> (shortleaf pine), <i>Pinus elliottii</i> (slash pine), <i>Pinus palustris</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(longleaf pine), <i>Pinus resinosa</i> (red pine), <i>Pinus taeda</i> (loblolly pine), <i>Pisum sativum</i> (kapri, sweet pea), <i>Pieris japonica</i> (Lily-of-the-valley shrub), <i>Poa pratensis</i> (smooth-stalked meadowgrass), Poaceae (grasses), <i>Prunus persica</i> (persik, peach), <i>Rhododendron</i> (Azalea), <i>Rhododendron indicum</i> (Satsuki azalea), <i>Rhododendron japonicum</i> (Japanese azalea), <i>Rhododendron obtusum</i> (Kirishima azalea), <i>Rubus</i> (blackberry, raspberry), <i>Rubus fruticosus</i> (blackberry), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Secale cereale</i> (rye), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terong, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> spp.		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(semanggi), <i>Vaccinium myrtillus</i> (blueberry), <i>Zea mays</i> (jagung, corn, maize)		
61.	<i>Xiphinema americanum</i> Cobb, 1913; (Syn. <i>Tylencholaimus americanus</i> (Cobb, 1913) Micoletzky, 1922, <i>Xiphinema californicum</i> Lamberti & Bleve-Zacheo, 1979, <i>Xiphinema taylori</i> Lamberti et al., 1991); Xiphinematidae; American dagger nematode, dagger nematode, tobacco ring spot nematode	<i>Acer platanoides</i> (Norway maple), <i>Acer rubrum</i> (red maple), <i>Agropyron</i> spp., <i>Agropyron cristatum</i> (crested wheatgrass), <i>Agropyron desertorum</i> (crested wheatgrass (USA)), <i>Agrostis</i> spp., <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Anethum graveolens</i> (dill), <i>Avena sativa</i> (oat, oats), <i>Bambusa</i> (bamboo), <i>Bambusa tuldoidea</i> (punting-pole bamboo), <i>Borrchia frutescens</i> (sea-oxeye), <i>Callicarpa americana</i> (American beautyberry), <i>Chenopodium giganteum</i> (large lambsquarters), <i>Chenopodium quinoa</i> (quinoa), <i>Cichorium intybus</i> (chicory), <i>Citrus</i> spp., <i>Citrus sinensis</i> (jeruk manis,	akar (roots), bibit (seedlings), micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vector (as a vector): Grup Nepovirus	Africa: Ethiopia, Nigeria, Senegal America: Argentina, Brazil, Canada, Chile, Ecuador, Guatemala, Mexico, Panama, Peru, USA, Uruguay, Venezuela Asia: China, DPR Korea (North Korea), India, Kazakhstan, Oman, Pakistan, Philippines, Sri Lanka, Tajikistan, Turkey, Uzbekistan, Vietnam Europe: Hungary, Poland, Russia, Spain, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		navel orange), <i>Cocos nucifera</i> (kelapa, coconut), <i>Codiaeum variegatum</i> (croton), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee), Cornus (Dogwood), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cydonia oblonga</i> (quince), <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Dimocarpus litchii</i> (leci, lychee), <i>Erigeron annuus</i> (annual fleabane), <i>Ficus carica</i> (ara), <i>Fragaria vesca</i> (wild strawberry), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fraxinus pennsylvanica</i> (downy ash), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium barbadens</i> (kapas, cotton), <i>Gossypium hirsutum</i> (bourbon cotton), <i>Grewia asiatica</i> (phalsa), <i>Juglans regia</i> (walnut), <i>Linum usitatissimum</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(flax), <i>Litchi chinensis</i> (lichi), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab-apple tree), <i>Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Mentha</i> spp. (mints), <i>Mentha piperita</i> (peppermint), <i>Mentha spicata</i> (spear mint), <i>Nerium oleander</i> (oleander), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Onobrychis viciifolia</i> (sainfoin), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum clandestinum</i> (kikuyu grass), <i>Petunia hybrida</i> , <i>Picea</i> spp., <i>Picea glauca</i> (white spruce), <i>Picea pungens</i> (blue spruce), <i>Pinus</i> spp. (pines), <i>Pinus echinata</i> (shortleaf pine), <i>Pinus elliottii</i> (slash pine), <i>Pinus resinosa</i> (red pine), <i>Pinus sylvestris</i> (scots pine), <i>Pinus</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>taeda</i> (loblolly pine), <i>Pistacia vera</i> (pistachio), <i>Pittosporum tobira</i> (Japanese pittosporum), <i>Plantago</i> spp. (plantain), Polyphagous (polyphagous), <i>Poncirus trifoliata</i> (trifoliolate orange), <i>Populus deltoides</i> (poplar), Potentilla (Cinquefoil), <i>Prunus</i> spp. (stone fruit), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (badam, almond), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Psidium guajava</i> (jambu biji, guava), <i>Quercus laurifolia</i> (Laurel oak), <i>Rosa</i> spp. (mawar, rose), Rubus (blackberry, raspberry), <i>Rubus idaeus</i> (raspberry), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Salix alba</i> (white</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		willow), <i>Shorea robusta</i> (sal), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Stellaria media</i> (common chickweed), <i>Taraxacum officinale</i> complex (dandelion), <i>Tectona grandis</i> (jati, teak), <i>Thevetia peruviana</i> (yellow oleander), <i>Trifolium</i> (clovers), <i>Trifolium</i> (semanggi, clovers), <i>Trifolium pratense</i> (purple clover), <i>Trifolium repens</i> (white clover), <i>Ulmus</i> (elms), <i>Vaccinium</i> spp. (blueberries), <i>Vaccinium angustifolium</i> (Lowbush blueberry), <i>Vaccinium corymbosum</i> (blueberry), <i>Vaccinium myrtillus</i> (blueberry), <i>Vinca minor</i> (common periwinkle), <i>Vitis labrusca</i> (fox grape), <i>Vitis rupestris</i> (sand-grape), <i>Vitis</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize), <i>Zoysia japonica</i> (zoysia grass)		
62.	<i>Xiphinema diversicaudatum</i> (Micoletzky, 1927) Thorne, 1939; (Syn. <i>Dorylaimus (Longidorus) diversicaudatus</i> Micoletzky, 1927, <i>Dorylaimus (Longidorus) elongatus</i> apud Micoletzky, 1923, <i>Longidorus diversicaudatus</i> (Micoletzky, 1927) Thorne & Swanger, 1936, <i>Xiphinema (Diversiphinema) diversicaudatum</i> (Micoletzky, 1927) Cohn & Sher, 1972, <i>Xiphinema amarantum</i> Macara, 1970, <i>Xiphinema basiri</i> apud Javed, 1983, <i>Xiphinema israeliae</i> apud Cohn, 1969, Cohn & Mordechai, 1969,	<i>Acer pseudoplatanus</i> (sycamore), <i>Allium porrum</i> (bawang daun, leek), <i>Beta vulgaris</i> (bit, beetroot), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Chamaecyparis lawsoniana</i> (port orford cedar), <i>Chamomilla suaveolens</i> (rounded chamomile), <i>Chrysanthemum coronarium</i> (garland chrysanthemum), <i>Crataegus laevigata</i> , <i>Cucumis sativus</i> (mentimun, cucumber), <i>Daucus carota</i> (wortel, carrot), <i>Fagus sylvatica</i> (common beech), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fraxinus</i>	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar (cuttings with root), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes) sebagai vektor (as a vector): Grup Nepovirus	Africa: Algeria, Morocco, South Africa America: USA Asia: Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Federal Republic of Yugoslavia, France, Germany, Ireland, Italy, North Macedonia, Montenegro, Moldova, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovenia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Xiphinema paraelongatum</i> Altherr, 1958, <i>Xiphinema sahelense</i> apud Riffle, 1968, 1970, <i>Xiphinema seredouense</i> apud Luc, 1958); Xiphinematidae; dagger nematode</p>	<p><i>excelsior</i> (ash), <i>Hordeum vulgare</i> (barli, barley), <i>Humulus lupulus</i> (hop), <i>Lactuca sativa</i> (selada, lettuce), <i>Malus sylvestris</i> (crab-apple tree), <i>Mentha arvensis</i> (corn mint), <i>Pisum sativum</i> (kapri, sweet pea), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese plum), <i>Prunus spinosa</i> (blackthorn), <i>Pyrus communis</i> (pir, pear), <i>Rosa</i> spp. (mawar, rose), <i>Rosa canina</i> (Dog rose), <i>Rubus fruticosus</i> (blackberry), <i>Rubus idaeus</i> (raspberry), <i>Sambucus nigra</i> (elder), <i>Senecio vulgaris</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium pratense</i> (purple clover), <i>Tussilago farfara</i> (Colt's-foot), <i>Veronica</i> (Speedwell),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Viburnum tinus</i> , <i>Vitis vinifera</i> (anggur, grapevine)		
63.	<i>Xiphinema index</i> Thorne & Allen, 1950; (Syn. <i>Diversiphinema index</i> Thorne & Allen (Cohn & Sher, 1972); Xiphinematidae; dagger nematode, fan-leaf virus nematode	<i>Ampelopsis aconitifolia</i> (monkhood-vine), <i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Betula</i> (birches), <i>Chenopodium giganteum</i> (large lambsquarters), <i>Chenopodium quinoa</i> (quinoa), <i>Citrus</i> spp., <i>Citrus aurantium</i> (jeruk nipis, lime), <i>Cupressus pyramidalis</i> , <i>Cydonia oblonga</i> (kwinsi, quince), <i>Fagus silvaticus</i> , <i>Ficus carica</i> (ara, fig), <i>Gomphrena globosa</i> (globe amaranth), <i>Jasminum officinale</i> , <i>Juglans regia</i> (walnut), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab-apple tree), <i>Morus alba</i> (mora), <i>Muscadinia rotundifolia</i> (monkhood-vine), <i>Nicotiana rustica</i> (wild tobacco), <i>Olea europea</i> subsp. <i>europea</i> (zaitun, olive), <i>Opuntia</i>	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), stek berakar, stolon, tanah (soil), umbi sebagai vektor (<i>as a vector</i>): Grup Nepovirus	Africa: Algeria, Canary Islands, South Africa, Tunisia America: Argentina, Brazil, Chile, Peru, USA Asia: Armenia, Azerbaijan, Georgia, India, Iran, Iraq, Israel, Lebanon, Pakistan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Federal Republic of Yugoslavia, France, Germany, Greece, Hungary, Italy, North Macedonia, Malta, Moldova, Montenegro, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		sp. (pricklypear), <i>Parthenicissus tricuspida</i> , <i>Petunia hybrida</i> , <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pinus halepensis</i> (aleppo pine), <i>Pinus</i> sp. (pine), <i>Pistacia mutica</i> , <i>Pistacia vera</i> (pistachio), <i>Populus</i> sp. (poplar), <i>Prunus amygdalus</i> , <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus communis</i> (pir, pear), <i>Pyrus persica</i> , <i>Quercus lucombeana</i> , <i>Rosa</i> spp. (mawar, rose), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), Thuja, <i>Urtica urens</i> (annual		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		nettle), <i>Vigna</i> spp. (buncis, cowpea), <i>Vitis arizonica</i> (canyon grape (USA)), <i>Vitis candicans</i> (mustang grape), <i>Vitis rupestris</i> (sand-grape), <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis vinifera</i> X <i>Muscadinia rotundifolia</i>		
64.	<i>Xiphinema insigne</i> Loos, 1949; (Syn. <i>Xiphinema indicum</i> Siddiqi, 1959); Xiphinematidae	Citrus, <i>Cocos nucifera</i> (kelapa, coconut), <i>Lilium</i> sp. (lily), <i>Pennisetum purpureum</i> (rumput gajah, elephant grass), <i>Punica granatum</i> (pomegranate)	akar (roots)	Africa: Egypt, Ethiopia, Mauritius, Malawi, South Africa America: Trinidad and Tobago, USA Asia: China, India, Israel, Japan, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand
65.	<i>Xiphinema italiae</i> Meyl., 1953; Xiphinematidae; dagger nematode	<i>Olea europea</i> subsp. <i>europea</i> (zaitun, olive), <i>Prunus persica</i> (peach)	akar (roots), bibit dengan media tanam (seedlings with growing media), stek berakar (cuttings with root), tanah (soil)	Africa: Cameroon, Egypt, Libya, Nigeria, South Africa, Tunisia Europe: Greece, Italy, Romania, Spain

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			sebagai vektor (as a vector): Grup Nepovirus	
66.	<i>Xiphinema radicolica</i> Goodey, 1936; (Syn. <i>Xiphinema australiae</i> McLeod & Khair, 1971); Longidoridae	<i>Zingiber officinale</i> (jahe, ginger)	akar (roots)	America: USA Asia: China, India, Sri Langka Oceania: Australia

6. GULMA PARASITIK (*PARASITIC WEEDS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Alectra fulminensis</i> (Vell.) Stearn; (Syn. <i>Melasma melampyroides</i> (Rich.) Pennell ex Britton & Wilson); Scrophulariaceae; sugarcane weed	<i>Saccharum officinarum</i> (tebu, sugarcane)	mengkontaminasi stek berakar, stek dengan media tanam (contaminated cuttings with root, cuttings with growing media)	America: Bolivia, Brazil, Dominican Republic, Guadeloupe, Puerto Rico, Martinique, Mexico, Montserrat, Venezuela, Montserrat
2.	<i>Alectra orobanchoides</i> Benth.; (Syn. <i>Alectra heynei</i> (Dinter) Dinter, <i>Alectra heyniae</i> (Dinter) Dinter, <i>Alectra kilimandjarica</i> Hemsl., <i>Alectra kirkii</i> Hemsl., <i>Alectra parviflora</i> (Engl.) Schinz, <i>Alectra parvifolia</i> (Engl.) Schinz, <i>Alectra welwitschia</i> (Hiern) Hemsl., <i>Celsia parvifolia</i> Engl., <i>Harveya</i>	Fabaceae (kacang-kacangan, leguminous plants)	mengkontaminasi biji (contaminated true seeds (inc. grain))	Africa: Angola, Arabian Peninsula, Botswana, Cameroon, DR Congo, Eswatini, Ethiopia, Kenya, Lesotho, Malawi, Mozambique, Namibia, Oman, Somalia, South Africa, Tanzania, Uganda, Yemen, Zambia, Zimbabwe Asia: India

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>parviflora</i> Hook., <i>Harveya parviflora</i> Hook. ex Steud., <i>Melasma orobanchoides</i> (Benth.) Engl., <i>Melasma parviflorum</i> (E.Mey. ex Steud.) K.Schum., <i>Melasma welwitschii</i> Hiern, <i>Nigrina orobanchodes</i> Kuntze, <i>Nigrina orobanchoides</i> (Benth.) Kuntze, <i>Orobanche heyniae</i> Dinter, <i>Orobanche parviflora</i> E. Mey., <i>Orobanche parviflora</i> E. Mey. ex. Drège, <i>Orobanche parviflora</i> E. Mey. ex Steud., <i>Pseudorobanche dregeana</i> Rouy, <i>Sopubia parviflora</i> Engl.); Scrophulariaceae; tobacco witchweed</p>			
3.	<p><i>Alectra sessiliflora</i> (Vahl) Kuntze; (Syn. <i>Alectra arabica</i> Deflers, <i>Alectra avensis</i> (Benth.)</p>	Fabaceae (kacang-kacangan, leguminous plants)	mengkontaminasi biji (contaminated true seeds inc. grain)	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	Merr., <i>Alectra barbata</i> (Hiern) Melch., <i>Alectra communis</i> Hemsl., <i>Alectra cordata</i> Benth., <i>Alectra dentata</i> (Benth.) Kuntze, <i>Alectra indica</i> Benth., <i>Alectra melampyroides</i> Benth., <i>Alectra senegalensis</i> Benth., <i>Alectra sessiliflora senegalensis</i> (Benth.) Hepper, <i>Alectra sessiliflora monticola</i> (Engl.) Melch., <i>Gerardia sessiliflora</i> Vahl, <i>Glossostylis avensis</i> Benth., <i>Hymenospermum dentatum</i> Benth., <i>Melasma avense</i> (Benth.) Hand.-Mazz., <i>Melasma indicum monticulum</i> Engl., <i>Melasma sessiliflorum</i> Hiern, <i>Alectra ibityensis</i> Eb. Fisch., <i>Alectra supestris</i> Bonati, <i>Alectra senegalensis</i> var. <i>minima</i> A. Chev., <i>Alectra senegalensis</i>			Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, French Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Guyana, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Togo, Tunisia, Uganda, Tanzania, Zambia, Zimbabwe America: Brazil, Nepal, Nicaragua Asia: China, India, Myanmar, Philippines, Thailand, Yemen, Vietnam Europe: Belize, Bonaire, Sint

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	var. <i>minima</i> A. Chev. Ex Melchor, <i>Alectra senegalensis</i> var. <i>pallescens</i> Bonati, <i>Alectra senegalensis</i> var. <i>pallescens</i> Bonati ex Melch, <i>Alectra sessiliflora</i> f. <i>barbata</i> (Hiern) Hilliard & B.L. Burtt, <i>Alectra sessiliflora</i> var. <i>barbata</i> (Hiern) Hilliard & B.L. Burtt, <i>Alectra sessiliflora</i> var. <i>sessiliflora</i> , <i>Bartsia scarab</i> (Thunb.) Spreng, <i>Glossostylis capensis</i> Benth., <i>Hymenospermum dentatum</i> Benth. Ex Wall., <i>Melasma arvense</i> (Benth.) Hand.-Mazz., <i>Melasma barbatum</i> Hiern, <i>Melasma sessiliflorum</i> (Vahl) Hiern, <i>Melasma melampyroides</i> Kuntze, <i>Nigrina sessiflora</i> Kuntze, <i>Nigrina sessiflora</i> (Vahl) Kuntze, <i>Rhinanthus scaber</i>			Eustatus and Saba (BES)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Thunb., <i>Starbia madagascariensis</i> Steud.); Schropulariaceae; tobacco witchweed, yellow witchweed			
4.	<i>Alectra vogelii</i> Benth.; (Syn. <i>Alextra angustifolia</i> Engl. (1922), <i>Alextra merkeri</i> Engl. (1922), <i>Alextra scharensis</i> Engl. (1922), <i>Electra arachidis</i> A. Chev., <i>Electra hippocrepantra</i> (Hiern) Hemsl., <i>Electra senegalensis</i> var. <i>arachidis</i> A. Chev., <i>Melasma hippocrepantrum</i> Hiern); Schropulariaceae; cowpea witchweed, yellow witchweed	<i>Acanthospermum hispidum</i> (bristly starbur), <i>Arachis</i> , <i>Arachis appressipila</i> , <i>Arachis batizocoi</i> , <i>Arachis banensis</i> , <i>Arachis cardenasii</i> , <i>Arachis corentina</i> , <i>Arachis duranensis</i> , <i>Arachis helodes</i> , <i>Arachis hoehnei</i> , <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Arachis magna</i> , <i>Arachis pintoii</i> , <i>Arachis stenosperma</i> , <i>Arachis valida</i> , <i>Glycine max</i> (kedelai, soyabean), <i>Lablab purpureus</i> (hyacinth bean), <i>Mucuna pruriens</i> (velvet bean), <i>Phaseolus acutifolius</i> (tepariy bean), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus</i>	mengkontaminasi biji (contaminated true seeds (inc. grain))	Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, DR Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Togo, Tunisia, Uganda,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>radiata</i> , <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Voandzeia subterranea</i> (bambara groundnut)		Tanzania, Zambia, Zimbabwe Europe: Switzerland
5.	<i>Buchnera hispida</i> (Bunch.-Ham. ex D. Don); (Syn. <i>Buchnera browniana</i> Schinz, <i>Buchnera longifolia</i> Klotzsch, <i>Buchnera macrocarpa</i> A. Rich., <i>Buchnera macrocarpa</i> Hochst., <i>Buchnera schimperiana</i> Hochst., <i>Buchnera schimperiana</i> Hochst. Ex A. Rich., <i>Piripea coerulea</i> Bowdich, <i>Striga schimperiana</i> Hochst., <i>Striga schimperiana</i> Hochst. Ex A. Rich.)); Orobanchaceae; karanji, marathi	<i>Setaria italic</i> (jewawut, millet), <i>Sorghum bicolor</i> (sorgum, sorghum)	mengkontaminasi biji (contaminated true seeds (inc. grain))	Africa: Southeast Africa, Madagascar, Mozambique, Benin, Burkina Faso, Botswana, Cameroon, Ethiopia, DR Congo, Ghana, Kenya, Malawi, Mali, Namibia, Nigeria, Senegal, Tanzania, Zambia Asia: India, Oman, Yemen
6.	<i>Cuscuta epilinum</i> Weihe;	<i>Linum usitatissimum</i> (Flax,	mengkontaminasi biji	Africa: Algeria, Egypt, Ethiopia,

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	(Syn. <i>Cuscuta densiflora</i> Soyer-Willem., <i>Cuscuta densiflora</i> Roy.-Will., <i>Cuscuta major</i> Koch & Ziz, <i>Cuscuta vulgaris</i> J. & C. Presl, <i>Cuscuta vulgaris</i> J. Presl & C. Presl, <i>Epilinella cuscutoides</i> Pfeiff.); Convolvulaceae; flax dodder	Linseed)	(contaminated true seeds (inc. grain))	Kenya, Morocco, South Africa, Uganda America: Canada, South America, USA Asia: Armenia , Azerbaijan, Cyprus, Georgia, Kazakhstan, Siberia, Tazikistan Europe: Albania, Andorra, Austria , Belarus , Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Republic of Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
7.	<p><i>Cuscuta epithymum</i> (L.) L. 1774; (Syn. <i>Cuscuta alba</i> C. Presl, <i>Cuscuta barbuvea</i> Samp., <i>Cuscuta epithymum</i> subsp. <i>trifolii</i> (Bab.) Hegi, <i>Cuscuta prodanii</i> Buia, <i>Cuscuta stenoloba</i> Bornm. & O. Schwarz, <i>Cuscuta trifolii</i> Bab. (1843), <i>Cuscuta epithymiphyta</i> St.-Lég., <i>Cuscuta epithymum</i> f. <i>alba</i> Engelm., <i>Cuscuta epithymum</i> f. <i>angustissima</i> Engelm., <i>Cuscuta epithymum</i> f. <i>rubella</i> Engelm., <i>Cuscuta epithymum</i> var. <i>Corsicana</i> Yunck., <i>Cuscuta kotschyi</i> DesMoul., <i>Cuscuta macranthera</i> Heldr. & Sartoni, <i>Cuscuta microcephala</i> Welw. ex DesMoul.);</p>	<p><i>Achillea millefolium</i> (yarrow), <i>Asperula cynanchica</i> (squincancywort), <i>Calluna vulgaris</i> (heather), <i>Daucus carota</i> (wortel, carrot), Fabaceae (kacang-kacangan, leguminous plants), Herbaceous (tanaman herba, perdu), <i>Hormathophylla spinosa</i>, <i>Lotus corniculatus</i> (bird's-foot trefoil), <i>Medicago sativa</i> (lucerne), <i>Pteridium esculentum</i>, <i>Thymus praecox</i>, <i>Trifolium pratense</i> (red clover), <i>Ulex europaeus</i> (gorse), <i>Ziziphus lotus</i> (wild jujube)</p>	<p>mengkontaminasi biji (true seed, incl. grain), stek berakar, stek dengan media tanam (contaminated true seeds (inc. grain), cuttings with root, cuttings with growing media), bunga (flower/ inflorescences/ cones/ calyx), buah (inc. pod), bahan tanaman yang menyertai tanaman (growing medium accompanying plants), batang di atas tanah (stem (above ground)/ shoot/ trunks/ branches)</p>	<p>Africa: Algeria, Egypt, Libya, Morocco, South Africa, Tunisia America: Argentina, Bolivia, Brazil, Canada, Colombia, Chile, Dominican Republic, Ecuador, French Guiana, North America, Paraguay, Peru, Uruguay, USA, Venezuela Asia: Afghanistan, Armenia, Azerbaijan, Georgia, Iran, Israel, Japan, Jordan, Kazakhstan, Lebanon, Pakistan, Syria, Turkey, West Asia Europe: Albania, Andorra, Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Chechoslovakia, Federal Republic of Yugoslavia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg,</p>

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	Convolvulaceae; alfalfa dodder, clover dodder, common dodder			Malta, Republic of Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
8.	<i>Cuscuta gronovii</i> Willd. (Syn. <i>Cuscuta gronovii</i> Willd. ex Schult.; <i>Cuscuta calyptrata</i> (Engelmann) Engelmann ex Small, Fl. S.E. U.S. 969. 1903., <i>Cuscuta gronovii</i> Willdenow ex Schultes, var. <i>calyptrata</i> Engelmann, Trans. Acad. Sci. St. Louis 1: 508. 1859., <i>Cuscuta gronovii</i> Willdenow ex Schultes, var. <i>saururi</i> (Engelmann) MacMillan, Metasp. Minnesota Valley 430. 1892, nom. illegit.,	<i>Apium graveolens</i> (seledri, celery), Herbaceous (tanaman herba, perdu), <i>Piper nigrum</i> (lada, pepper), <i>Solanum tuberosum</i> (kentang, potato)	mengkontaminasi biji, umbi, stek berakar, stek dengan media tanam (contaminated true seeds (inc. grain), tubers, cuttings with root, cuttings with growing media)	America: Canada, Dominican Republic, Mexico, USA Asia: Armenia , Azerbaijan, Georgia Europe: Albania, Andorra, Austria , Belarus , Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Republic of Moldova, Monaco, Montenegro, Netherlands, North

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	<p><i>Cuscuta gronovii</i> Willdenow ex Schultes, var. <i>vulvivaga</i> Engelm. Trans. Acad. Sci. St. Louis 1: 508. 1859, nom. inadmiss., <i>Cuscuta saururi</i> Engelm. Amer. J. Sci. Arts 43: 339. 1842., <i>Cuscuta vulgivaga</i> Engelm. Amer. J. Sci. Arts 43: 338. 1842, nom. illegit., <i>Epithymum gronovii</i> (Willdenow ex Schultes) Nieuwland & Lunell, in Lunell, Amer. Midl. Naturalist 4: 511. 1916., <i>Grammica gronovii</i> (Willdenow ex Schultes) Hadac & Chrtek, Folia Geobot. Phytotax. 5: 445. 1970., <i>Cuscuta gronovii</i> Willdenow ex Schultes, var. <i>latiflora</i> Engelm. Trans. Acad. Sci. St. Louis 1: 508. 1859.);</p>			Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

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	Convolvulaceae; common dodder, scaldweed, swamp dodder			
9.	<i>Cuscuta indecora</i> Choisy; (Syn. <i>Cuscuta decora</i> Choisy, <i>Cuscuta decora</i> Choisy ex Engelm., <i>Cuscuta decora</i> var. <i>indecora</i> (Choisy) Engelm., <i>Cuscuta decora</i> var. <i>pulcherrima</i> (Scheele) Englm., <i>Cuscuta hispidula</i> Engelm., <i>Cuscuta indecora</i> var. <i>hispidula</i> (Englm.) Yunck., <i>Cuscuta indecora</i> var. <i>portoricensis</i> Urb., <i>Cuscuta indesor</i> a Choisy, <i>Cuscuta jepsonii</i> Yunck., <i>Cuscuta neuropetala</i> Engelm., <i>Cuscuta pulcherrima</i> Scheele, <i>Cuscuta verrucosa</i> var. <i>hispidula</i> Engelm., <i>Epithymum indecorum</i> (Choisy) Nieuwl. & Lunell, <i>Grammica indecora</i> (Choisy)	Fabaceae (kacang-kacangan, leguminous plants)	mengkontaminasi biji (contaminated true seeds (inc. grain))	Africa: Morocco America: Argentina, Bolivia, Belize, Brazil, Canada, Colombia, Costa Rica, Chile, Cuba, Dominican Republic, Ecuador, French Guiana, Haiti, Jamaica, Mexico, North America, Paraguay, Peru, Uruguay, USA, Venezuela Europe: Belgium, Greece

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	W.A. Weber); Convolvulaceae; bigseed alfalfa dodder, thin- vine dodder			
10.	<i>Cuscuta japonica</i> Choisy, 1854; (Syn. <i>Cuscuta formosana</i> Hay (1972), <i>Cuscuta systyla</i> Maxim. (1859), <i>Cuscuta upcraftii</i> H. Pearson (1906), <i>Mongynella japonica</i> (Choisy) Hadac & Chrtek. (1970), <i>Cuscuta colorans</i> Maxim., <i>Cuscuta japonica</i> subsp. <i>japonica</i> , <i>Cuscuta japonica</i> subsp. <i>thyroidea</i> Englm. & Trans. Acad. Sci. St. Louis, <i>Cuscuta japonica</i> var. <i>paniculate</i> Engelm., <i>Cuscuta japonica</i> var. <i>thyroidea</i> Engelm., <i>Cuscuta reflexa</i> var. <i>densiflora</i> Benth., <i>Monogynella colorans</i> (Maxim.) Hadac & Chrtek);	<i>Allium cepa</i> (bawang bombay, onion), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Broussonetia papyrifera</i> (paper mulberry), Citrus, <i>Citrus maxima</i> (pomelo, pummelo), <i>Dimocarpus longan</i> (longan tree), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Impatiens balsamina</i> (garden balsam), <i>Ipomoea cairica</i> (five-fingered morningglory), <i>Lantana camara</i> (lantana), <i>Malus sylvestris</i> (crab-apple tree), <i>Medicago sativa</i> (lucerne), <i>Mimosa diplotricha</i> (giant/creeping sensitive plant), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Panax</i>	mengkontaminasi biji, umbi (contaminated true seeds (inc. grain), bulbs (inc. tubers, corms, rhizomes)), daun (leaves), bahan tanam yang menyertai tanaman (growing medium accompanying plants), batang di atas tanaman (stem above ground/ shoot/ trunks/ branches)	Asia: China, DPR Korea (North Korea), Hong Kong, Japan, Mongolia, Republic of Korea (South Korea), Lao PDR (Laos), Taiwan, Thailand, Vietnam America: USA Europe: Russia Europe: Netherlands Oceania: Solomon Islands

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	Convolvulaceae; dodder seed, Japanese dodder	<i>ginseng</i> (Asiatic ginseng), <i>Pelargonium zonale</i> hybrids, Prunus (stone fruit), <i>Pueraria montana</i> var. <i>lobata</i> (kudzu), Quercus (oaks), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terong, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Solidago canadensis</i> (Canadian goldenrod), <i>Sphagneticola calendulacea</i> , <i>Vitis vinifera</i> (anggur, grapevine)		
11.	<i>Cuscuta monogyna</i> (Vahl.); (Syn. <i>Cuscuta astyla</i> Engelm., <i>Cuscuta scandens</i> Brot., <i>Monogynella blancheana</i> (Vahl.) Des. Mould. ex Engelm., <i>Monogynella monogyna</i> (Vahl.) Hadac. and Chartek., <i>Monogynella vahliana</i> (Vahl.) Des. Mould.);	<i>Citrus</i> spp., Fabaceae (kacang-kacangan, leguminous plants), <i>Glycyrrhiza blagra</i> (Licorice), Salix, Tamarix	mengkotaminasi biji, bibit dengan media tanam, stek contaminated true seeds (inc. grain), seedlings with growing media, cuttings)	Africa: Algeria, Morocco Asia: Afghanistan, Armenia, Azerbaijan, Bhutan, Central East Asia, China, Cyprus, Georgia, India, Iran, Iraq, Israel, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Palestine, Pakistan, Southwest Asia, Syria, Tajikistan, Timor Leste, Turkey, Turkmenistan

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	Convolvulaceae; eastern dodder			Europe: Bulgaria, France, Germany, Greece, Hungary, Italy, Poland, Portugal, South Europe, Spain, Russia , Romania, Ukraine Oceania: Mediteranean
12.	<i>Cuscuta pedicellata</i> (Ledeb.); (Syn. <i>Cassutha arabica</i> Des Moul., <i>Cuscuta aegyptiaca</i> Trab., <i>Cuscuta lentis</i> Stapf, <i>Grammica arabica</i> (Wight) Des Moul., <i>Cuscuta ciliaris</i> Kotschy, <i>Cuscuta ciliaris</i> Kotschy ex Choisy, <i>Cuscuta epithymum</i> Siev., <i>Cuscuta epithymum</i> Siev. ex Ledeb., <i>Cuscuta lentis</i> Stapf, <i>Cuscuta turcomanica</i> Winkl., <i>Cuscuta turcomanica</i> Winkl. ex Palib.); Convolvulaceae	Fabaceae (kacang-kacangan, leguminous plants)	mengkotaminasi biji (contaminated true seeds (inc. grain))	Africa: Algeria, Egypt, Ethiopia, Eritrea, Libya, Sudan Asia: Afghanistan, Central Asia, Central East Asia, Iran, Iraq, Israel, Kazakhstan, Oman, Palestine, Saudi Arabia, Turkmenistan, Turkey, Kyrgyzstan, Lebanon, Syria, Tajikistan, Uzbekistan Europe: Russia, Germany Oceania: Eastern Mediteranean
13.	<i>Cuscuta planiflora</i> (Ten.); (Syn. <i>Cuscuta balansae</i> var. <i>mossamedensis</i> (Welw. ex	Fabaceae (kacang-kacangan, leguminous plants)	mengkotaminasi biji (contaminated true seeds (inc. grain))	Africa: Algeria, Angola, Burundi, Cape Verde, Cameroon, Chad, Congo, Egypt, Ethiopia, Eritrea,

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	<p>Hiern) Yunck., <i>Cuscuta planiflora</i> var. <i>mossamedensis</i> Welw. ex Hiern, <i>Cuscuta planiflora</i> var. <i>planiflora</i>, <i>Cuscuta planiflora</i> var. <i>tenorii</i> Engelm., <i>Succuta alba</i> Des Moul., <i>Cuscuta approximata</i> Bab., <i>Cuscuta alpina</i> Kotschy, <i>Cuscuta alpina</i> Kotschy ex Choisy, <i>Cuscuta approximate</i> subsp. <i>episonchum</i> (Webb & Berthel.) Feinbrun, <i>Cuscuta approxima</i> var. <i>episonchum</i> (Webb & Berthel.) Yunck., <i>Cuscuta approximate</i> var. <i>euphorbiae</i> Maire & Trab., <i>Cuscuta asiatica</i> Pall., <i>Cuscuta asiatica</i> Pall. Ex Engelm., <i>Cuscuta balansae</i> subsp. <i>mossamedensis</i> (Hiern) Yunck., <i>Cuscuta bracteosa</i> Gasp., <i>Cuscuta</i></p>			<p>Kenya, Libya, Madagascar, Morocco, Namibia, Rwanda, South Africa, Somalia, Sudan, Tanzania, Tunisia, Zambia America: Colombia, North America, UK, USA Asia: Afghanistan, Armenia, Azerbaijan, Central Asia, China, Georgia, Iran, Iraq, Israel, India, Jordan, Kuwait, Lebanon, Pakistan, Palestine, Oman, Qatar, Saudi Arabia, Syria, Tajikistan, Turkey, Turkmenistan, Vietnam, Yemen Europe: Bulgaria, Croatia, Cyprus, Germany, France, Greece, Hungary, Italy, Portugal, Russia, Spain, Switzerland, Ukraine Oceania: Australia, Mediteranean, New Zealand</p>

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	<p><i>bracteosa</i> Gasp. ex Engelm., <i>Cuscuta calycina</i> Webb & Berthel, <i>Cuscuta canariensis</i> Choisy, <i>Cuscuta canariensi</i> Choisy ex Engelm., <i>Cuscuta</i> <i>candicans</i> Gennari, <i>Cuscuta</i> <i>candicans</i> Gennari ex Nyman, <i>Cuscuta cuspidate</i> Pomel, <i>Cuscuta elegans</i> Noë, <i>Cuscuta elegans</i> Noë ex Engelm., <i>Cuscuta</i> <i>epiplocamum</i> Webb, <i>Cuscuta</i> <i>epiplocamum</i> Webb ex Engelm., <i>Cuscuta epispartos</i> Boiss. & Boiss. ex Orph., <i>Cuscuta epispartos</i> Boiss. & Orph. ex Boiss., <i>Cuscuta</i> <i>epithymum</i> Webb & Berthel., <i>Cuscuta epithymum</i> subsp. <i>approximata</i> (Bab.) Rouy, <i>Cuscuta epithymum</i> subsp. <i>episonchum</i> (Webb & Berthel.) Trab., <i>Cuscuta</i> <i>epithymum</i> subsp. planiflora</p>			

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	<p>(Ten.) Rouy, <i>Cuscuta epithymum</i> var. <i>bullata</i> Batt., <i>Cuscuta epithymum</i> var. <i>calcina</i> (Webb & Berthel.) Trab., <i>Cuscuta epithymum</i> var. <i>episonchum</i> (Webb & Berthel.) Trab., <i>Cuscuta epithymum</i> var. <i>godronii</i> (Des Moul.) Batt., <i>Cuscuta epithymum</i> var. <i>macrostemon</i> (Trab.) Jahand. & Maire, <i>Cuscuta epithymum</i> var. <i>rubella</i> (Trab.) Rouy (1908), <i>Cuscuta europea</i> Bové & Engelm., <i>Cuscuta ghindensis</i> Schweinf., <i>Cuscuta ghindensis</i> Schweinf. ex Yunck., <i>Cuscuta godrini</i> Des Moul., <i>Cuscuta godrini</i> DesMoul., <i>Cuscuta letourneuxii</i> Trab., <i>Cuscuta macrostyla</i> Decne., <i>Cuscuta macrostyla</i> Decne. ex</p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Engelm., <i>Cuscuta madagascarensis</i> var. <i>schlechteri</i> Yunck., <i>Cuscuta microcephala</i> D'Escayrac. <i>Cuscuta microcephala</i> D'Escayrac ex Engelm., <i>Cuscuta minor</i> Gilib., <i>Cuscuta notochlaenae</i> A. Chev., <i>Cuscuta planiflora</i> subsp. <i>ambigua</i> (Trab.) Yunck., <i>Cuscuta planiflora</i> subsp. <i>godronii</i> (Des Moul) Kerguelen, <i>Cuscuta planiflora</i> subsp. <i>godronii</i> (DsMoul.) Jovet & R.de Vilm., <i>Cuscuta planiflora</i> subsp. <i>macrostemon</i> Trab., <i>Cuscuta planiflora</i> , <i>Cuscuta planiflora</i> subsp. <i>mossamedensis</i> Hiern, <i>Cuscuta planiflora</i> var. <i>algeriana</i> Yunck., <i>Cuscuta planiflora</i> var. <i>deserti</i> Trab., <i>Cuscuta planiflora</i> var. <i>episonchum</i>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Webb & Berthel.) Trab., <i>Cuscuta planiflora</i> var. <i>godronii</i> (Des Moul) Rouy, <i>Cuscuta planiflora</i> var. <i>mossamedensis</i> Welw., <i>Cuscuta planiflora</i> var. <i>sicula</i> (Tineo ex Engelm.) Trab. ex Yunck., <i>Cuscuta planiflora</i> var. <i>sicula</i> (Tineo) Trab., <i>Cuscuta planiflora</i> var. <i>tenorei</i> Engelm., <i>Cuscuta planiflora</i> var. <i>webii</i> Engelm., <i>Cuscuta sicula</i> Tineo, <i>Cuscuta sicula</i> Tineo ex Engelm., <i>Cuscuta somalensis</i> Yunck.); Convolvulaceae; red dodder			
14.	<i>Melampyrum arvense</i> L.; (Syn. <i>Melampyrum arvense</i> subsp. <i>aestivum</i> Govor., <i>Melampyrum arvense</i> subsp. <i>pseudobarbatum</i> Ronniger, <i>Melampyrum arvense</i> subsp.	Cereal, <i>Hordeum vulgare</i> (barli, barley), <i>Triticum aestivum</i> (gandum, wheat)	mengkotaminasi biji (contaminated true seeds (inc. grain))	Africa: Egypt Asia: Armenia, Azerbaijan, Estonia, Georgia, Kazakhstan, Republic of Korea (South Korea), Turkey, West Asia Europe: Albania, Austria,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>vernum</i> Govor., <i>Melampyrum arvensis</i> (L.) Bubani, <i>Melampyrum albicans</i> Porcius, <i>Melampyrum arvense</i> f. <i>arvense</i> L (1753), <i>Melampyrum arvense</i> f. <i>pseudobarbatum</i> (Schur) B.P.R. Chéron, <i>Melampyrum arvense</i> f. <i>pseudobarbatum</i> (Schur) Rouy (1909), <i>Melampyrum arvense</i> subsp. <i>aestivum</i> Govor, <i>Melampyrum arvense</i> subsp. <i>arvense</i>, <i>Melampyrum arvense</i> subsp. <i>pseudobarbatum</i> (Schur) Beck (1983), <i>Melampyrum arvense</i> subsp. <i>pseudobarbatum</i> (Schur) Ronniger, <i>Melampyrum arvense</i> subsp. <i>pseudobarbatum</i> (Schur) Wettst. (1900), <i>Melampyrum arvense</i> subsp.</p>			<p>Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Jersey, Latvia, Luxembourg, Poland, Portugal, Republic of Moldova, North Macedonia, Netherlands, Norway, Russia, Romania, Sweden, Serbia, Switzerland, Slovakia, Slovenia, Spain, Ukraine, United Kingdom</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>pseudobarbatum</i> Schur. <i>Melampyrum arvense</i> subsp. <i>schinzii</i> Ronniger, <i>Melampyrum arvense</i> subsp. <i>semlieri</i> (Ronniger & Poverl.) Ronniger, <i>Melampyrum</i> <i>arvense</i> var. <i>pseudodarbatum</i> (Schur) Beck, <i>Melampyrum arvense</i> var. <i>schinzii</i> (Ronniger) Harl, <i>Melampyrum arvense</i> var. <i>semlieri</i> (Ronniger & Poverl.) Hartl, <i>Melampyrum</i> <i>barbatum</i> Schur, <i>Melampyrum cristatum</i> Hablitz, <i>Melampyrum</i> <i>cristatum</i> Hablitz ex Steud., <i>Melampyrum hybridum</i> Wolfram, <i>Melampyrum</i> <i>pseudobarbatum</i> (Schur) Schur, <i>Melampyrum</i> <i>purpurensceus</i> Gilib., <i>Melampyrum schinzii</i> Ronniger, <i>Melampyrum</i></p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<i>semleri</i> Ronniger & Poeverl.); Orobanchaceae; field cow-wheat, horse flower, purple cow-wheat			
15.	<i>Odontites verna</i> (Bellardi) Dumort. ; (Syn. <i>Odontites verna</i> subsp. <i>Verna</i>) Orobanchaceae; red bartsia, eyebright, red rattle, Perlina di Primavera	<i>Medicago sativa</i> (alfalfa, <i>lucerne</i>), Poaceae (grasses), <i>Triticum aestivum</i> (gandum, wheat)	mengkotaminasi biji (contaminated true seeds (inc. grain))	America: Canada, Mexico, USA Asia: Turkey Europe: Belgium, Estonia, Denmark, France, Germany, Luxembourg, Southeast Europe, Spain, Switzerland, United Kingdom
16.	<i>Orobanche cernua</i> Loefl.; (Syn. <i>Orobanche bicolor</i> CA Meyer, <i>Orobanche cernua</i> var. <i>cumana</i> (Wallr.) G. Beck, <i>Orobanche curviflora</i> Viv., <i>Orobanche gallica</i> Grenier, <i>Orobanche glaucantha</i> Trautvetter, <i>Orobanche</i> <i>hispanica</i> Boissier, <i>Orobanche nicotiana</i> Wight, <i>Orobanche pogonantha</i> Reuter in DC., <i>Orobanche</i> <i>cernua</i> var. <i>cernua</i> ,	<i>Achillea frgrantissima</i> , Artemisia (wormwoods), <i>Artemisia barrelieri</i> , <i>Artemisia</i> <i>campestris</i> , <i>Artemisia</i> <i>campestris</i> subsp. <i>glutinosa</i> , <i>Atriplex leucoclada</i> , <i>Capsicum</i> <i>annuum</i> (paprika, bell pepper), <i>Cuminum cyminum</i> (cumin), <i>Datura metel</i> (Hindu datura), Galinsoga, <i>Galinsoga</i> <i>parviflora</i> (gallant soldier), <i>Helianthus annuus</i> (sunflower), <i>Launaea lanifera</i> ,	mengkotaminasi biji, umbi, stek (contaminated true seeds (inc. grain), bulbs (inc. tubers, corms, rhizomes), cuttings), bunga (flowers/ inflorescences/cones/c alyx, buah (fruit incl. pods), media tanam (growing medium accompanying plants),	Africa: Algeria, Egypt, Ethiopia, Kenya, Morocco, Niger, Somalia, Sudan, Tanzania, Tunisia, Uganda Asia: Afghanistan, Bahrain, China, Georgia, India, Iran, Iraq, Israel, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lebanon, Mongolia, Nepal, Oman, Pakistan, Palestine, Saudi Arabia, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yemen

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Orobance cernua</i> var. <i>latibracteata</i> Beck, <i>Orobance cumana</i> Guss., <i>Orobance mutila</i> Dumort., <i>orobanceh sarmatica</i> Klokov (1961), <i>Orobance solmsii</i> C.B. Clarke ex Hook.f., <i>Orobance tineoi</i> Lojac. (1887)); Orobanchaceae; nodding broomrape, drooping broomrape</p>	<p><i>Lycium shawii</i>, <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Nitraria retusa</i>, <i>Olea europaea</i> (zaitun, olive), <i>Petunia hybrida</i>, <i>Plantago ovata</i> (spogel plantain), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus persica</i> (peach), <i>Senecio</i> (Groundsel), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum nigrum</i> (leunca, black nightshade), Solanaceae, <i>Solanum tuberosum</i> (kentang, potato), <i>Sonchus oleraceus</i> (common sowthistle), <i>Withania somnifera</i> (poisonous gooseberry), <i>Xanthium</i> (Cocklebur), <i>Xanthium strumarium</i> (common cocklebur), Asteraceae (tanaman compositae)</p>	akar (root)	<p>Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Greece, Hungary, Italy, Malta, Montenegro, North Macedonia, Romania, Russia, Serbia, Spain, Slovakia, Slovenia, Ukraine, United Kingdom Oceania: Australia</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
17.	<p><i>Orobanche foetida</i> (Poir.); (Syn. <i>Catodiacrum foetidum</i> <u>Dulac</u>, <i>Orobanche barbata</i> Brot., <i>Orobanche barbata</i> subsp. <i>atropurpurea</i> Brot., <i>Orobanche foetida</i> Desf., <i>Orobanche foetida</i> Hoffm. & Link, <i>Orobanche foetida</i> f. <i>cornigera</i> Beck, <i>Orobanche</i> <i>foetida</i> f. <i>hookeriana</i> (Ball.) Beck, <i>Orobanche foetida</i> f. <i>iodestigma</i> (Guim.) Beck, <i>Orobanche foetida</i> f. <i>ochrostigma</i> (Guim.) Beck, <i>Orobanche foetida</i> f. <i>pusilla</i> Beck, <i>Orobanche foetida</i> f. <i>rubrocastanea</i> Beck, <i>orobanche foetida</i> f. <i>subcampanulata</i> Beck, <i>Orobanche froetida</i> subsp. <i>balerica</i> (Gand.) Gand., <i>Orobanche froetida</i> subsp. <i>broteri</i>, <i>Orobanche froetida</i> subsp. <i>broteroi</i> Guim.,</p>	Fabaceae (kacang-kacangan, leguminous plants)	mengkotaminasi biji (contaminated true seeds/grain)	Africa: Algeria, Balearic Islands, Morocco, Tunisia Asia: India Europe: Italy, Spain, Portugal

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Orobanche froetida</i> subsp. <i>eyrystaxys</i> (Guim.) Uhlich, <i>Orobanche froetida</i> subsp. <i>lusitanica</i> Brot., <i>Orobanche froetida</i> subsp. <i>lusitanica</i> Cout., <i>Orobanche froetida</i> var. <i>ioidestigma</i> Guim., <i>Orobanche froetida</i> subsp. <i>kabylica</i> Maire, <i>Orobanche froetida</i> var. <i>lusitanica</i> Cout., <i>Orobanche froetida</i> subsp. <i>ochrostigma</i> Guim., <i>Orobanche froetida</i> var. <i>subgracilis</i> Maire, <i>Orobanche fusca</i> Lam., <i>Orobanche hookeriana</i> Ball.); Orobanchaceae; broomrapes</p>			
18.	<p><i>Orobanche gracilis</i> (SM.); (Syn. <i>Catodiacrum cruentum</i> Dulac, <i>Orobanche cruenta</i> Bertol., <i>Orobanche grandiuscula</i> Moris, <i>Orobanche annulata</i> Griseb.,</p>	Fabaceae (kacang-kacangan, leguminous plants)	mengkotaminasi biji (contaminated true seeds (inc. grain))	Africa: Algeria, Angola, Burundi, Kenya, Morocco, Rwanda, Tanzania, Uganda Asia: Armenia, China, Georgia, Turkey Europe: Albania, Andorra,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Orobanche brevipflora</i> F.W. Schultz, <i>Orobanche caryophyllacea</i> F.W. Schultz, <i>Orobanche caryophylla</i> Strohm., <i>Orobanche caryophylla</i> Strohm. ex. Wallr., <i>Orobanche citrina</i> Nyman, <i>Orobanche concolor</i> Boreau, <i>Orobanche condensata</i> Ball, <i>Orobanche condensate</i> Koch, <i>Orobanche condensate</i> Koch ex Nyman, <i>Orobanche cruenta</i> var. <i>citrina</i> Coss. & Germ., <i>Orobanche cruenta</i> var. <i>glabra</i> Willk., <i>Orobanche cruenta</i> var. <i>leiostemon</i> Grisebach, <i>Orobanche cruenta</i> var. <i>ulicis</i> Reut., <i>Orobanche dorycnii-suffruticosi</i> F.W. Schultz, <i>Orobanche foetida</i> Lapeyr., <i>Orobanche galeopsiflora</i> Zumagl., <i>Orobanche</i></p>			<p>Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Germany, Greece, Hungary, Italy, Liechtenstein, Netherlands, North Norway, Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, South East Europe, Slovenia, Spain, Switzerland</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>genistae-cinereae</i> Schultz, <i>Orobanche genistae-germanicae</i> Schultz, <i>Orobanche genistae-sagittalis</i> Schultz, <i>Orobanche genistae-tinctoriae</i> Schultz, <i>Orobanche gracilis</i> f. <i>albo-violacea</i> Beck & Erdner, <i>Orobanche gracilis</i> f. <i>ampla</i> Beck, <i>Orobanche gracilis</i> f. <i>atrantha</i> Beck, <i>Orobanche gracilis</i> f. <i>breviflora</i> Beck, <i>Orobanche gracilis</i> f. <i>brevissima</i> Beck, <i>Orobanche gracilis</i> f. <i>citrina</i> (Coss. & Gern.) Nyman, <i>Orobanche gracilis</i> f. <i>communis</i> Beck, <i>Orobanche gracilis</i> f. <i>dentiloba</i> Beck, <i>Orobanche gracilis</i> f. <i>elachista</i> Beck, <i>Orobanche gracilis</i> f. <i>exandra</i> Guim., <i>Orobanche gracilis</i> f. <i>filiformis</i> Beck, <i>Orobanche gracilis</i> f. <i>gracilis</i>,</p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Orobanche gracilis f. hackelii</i> Beck, <i>Orobanche gracilis f. hians</i> Beck, <i>Orobanche gracilis f. humilis</i> Beck, <i>Orobanche gracilis f. ingens</i> Beck, <i>Orobanche gracilis f. latiloba</i> Beck, <i>Orobanche gracilis f. longesquamata</i> Beck, <i>Orobanche gracilis f. megistra</i> Guim., <i>Orobanche gracilis f. orgeia</i> Beck, <i>Orobanche gracilis f. paxantha</i> Beck, <i>Orobanche gracilis f. pellita</i> Beck, <i>Orobanche gracilis f. polyantha</i> Beck, <i>Orobanche gracilis f. psilantha</i> Beck, <i>Orobanche gracilis f. strobilicea</i> Guim., <i>Orobanche gracilis f. trichota</i> Beck, <i>Orobanche gracilis f. unidentata</i> Beck, <i>Orobanche gracilis var. ampla</i> Beck, <i>Orobanche gracilis var.</i></p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>citrina</i> (Coss. & Germ.) Rouy (1909), <i>Orobanchae gracilis</i> var. <i>citrina</i> Arcang., <i>Orobanchae gracilis</i> var. <i>glabra</i> Willk., <i>Orobanchae gracilis</i> var. <i>glabriuscula</i> Strobl, <i>Orobanchae gracilis</i> var. <i>spruneri</i> (Schultz) Beck, <i>Orobanchae gracilis</i> var. <i>spruneri</i> Guim., <i>Orobanchae gracilis</i> var. <i>ulicis</i> Rouy, <i>Orobanchae gracilis</i> var. <i>wagneri</i> Beck, <i>Orobanchae ilicis</i> L. Matjieu, <i>Orobanchae ilicis</i> Haens., <i>Orobanchae labellate</i> Dumort., <i>Orobanchae levieri</i> Lojac., <i>Orobanchae lobelli</i> Noulet., <i>Orobanchae major</i> Duby, <i>Orobanchae noeana</i> Nyman, <i>Orobanchae rapum</i> var. <i>affinis</i> Duby, <i>Orobanchae spartii-juncei</i> F.W. Schultz, <i>Orobanchae spruneri</i> Lojac.,</p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Orobanche ulici-europaei</i> F.W. Schultz (1830), <i>Orobanche ulicis</i> Des Moul., <i>Orobanche ulicis</i> DesMoul., <i>Orobanche ulicis</i> Haens. ex Willk., <i>Orobanche ulicis-europaeae</i> F.W. Schultz, <i>Orobanche versicolor</i> Welw., <i>Orobanche vulgaris</i> Gaudich., <i>Orobanche welwitschii</i> Nyman, <i>Orobanche wierzbickii</i> F.W. Schultz); Orobanchaceae; broomrapes</p>			
19.	<p><i>Orobanche ramosa</i> L. (1753); (Syn. <i>Kopsia interrupta</i> (Pers.) Dumort. (1822), <i>Kopsia ramosa</i> (L.) Dumort. (1822), <i>Orobanche cannabis</i> Vaucher (1828), <i>Orobanche interrupta</i> Pers. (1807), <i>Orobanche micrantha</i> Wallroth (1822), <i>Phelipanche</i></p>	<p><i>Allium cepa</i> (bawang bombay, onion), <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Brassica napus</i>, <i>Brassica napus</i> var. <i>oleifera</i>, <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica</i> spp., <i>Cannabis</i></p>	<p>mengkotaminasi biji, umbi (contaminated true seeds (inc. grain), bulbs (inc. tubers, corms, rhizomes)), bunga (flower/ inflorescences/ cones/ calyx), buah</p>	<p>Africa: Algeria, Egypt, Eritrea, Ethiopia, Kenya, Libya, Liberia, Mali, Morocco, Namibia, North Africa, South Africa, Sudan, Tanzania, Tunisia, Zimbabwe America: Brazil, Canada, Chile, Cuba, Mexico, USA Asia: Afghanistan, Armenia, Azerbaijan, China, Georgia,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>ramosa</i> (L.) Pomel (1874), <i>Pheilipaea ramosa</i> C.A. Meyer (1831)); Orobanchaceae; branched broomrape	<i>sativa</i> (hemp), <i>Capsicum annuum</i> (paprika, bell pepper, red pepper), <i>Carthamus tinctorius</i> (safflower), <i>Carum carvi</i> (caraway), <i>Cicer arietinum</i> (chickpea), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), Cucurbita (pumpkin), <i>Daucus carota</i> (wortel, carrot), <i>Foeniculum vulgare</i> (fennel), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Lactuca sativa</i> (selada, lettuce), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Medicago lupulina</i> (black medick), <i>Nicotiana tabacum</i> (tembakau, <i>tobacco</i>), <i>Pastinaca sativa</i> (parsnip),	(fruit inc. pods), media tanam (growing medium accompanying plants), akar (root)	India, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Nepal, Oman, Pakistan, Palestine, Qatar, Saudi Arabia, Syria, Turkey, Yemen Europe: Albania, Andorra, Austria, Belarus, Belgium, Bulgaria, Corsica, Croatia, Cyprus, Czechia, Estonia, France, Germany, Greece, Hungary, Italy, Luxemburg, Malta, Moldova, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Spain, Slovakia, Switzerland, Sweden, Ukraine, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Pisum sativum</i> (kapri, sweet pea), <i>Prunus armeniaca</i> (apricot), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terong, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Trachyspermum copticum</i> , <i>Trifolium alexandrinum</i> (Berseem clover), <i>Trifolium</i> spp., <i>Trigonella foenum-graecum</i> (fenugreek), <i>Vicia</i> (vetch), <i>Vicia faba</i> (broad bean)		
20.	<i>Rhamphicarpa fistulosa</i> (Hochst.) Benth.; (Syn. <i>Macrosiphon elongatus</i> Hochst., <i>Macrosiphon fistulosus</i> Hochst, <i>Rhamphicarpa longiflora</i> Benth.); Orobanchaceae; fishing-net plant	<i>Arachis hypogaea</i> (<u>kacang tanah</u> , peanut), <i>Corchorus olitorius</i> (jute), <i>Glycine max</i> (kedelai, soyabean), <i>Oryza glaberrima</i> (African rice), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum glaucum</i> (pearl millet), Poaceae (rumput-rumputan), <i>Sorghum bicolor</i> (sorgum, sorghum),	mengkotaminasi biji, stolon (contaminated true seeds (inc. grain), stolons)	Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo, DR Congo, Egypt, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Zea mays</i> (jagung, corn, maize)		Nigeria, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: India Oceania: Australia, Papua Nugini
21.	<i>Rhaponticum repens</i> (L.) Hildago; (Syn. <i>Acroptilon picris</i> (Pallas ex Wild.) C.A. Mey, <i>Acroptilon repens</i> (L.) DC., <i>Centaurea picris</i> Pallas ex Wild., <i>Centaurea repens</i> L., <i>Acroptilon angustifolium</i> Cass., <i>Acroptilon australe</i> Iljin, <i>Acroptilon obtusifolium</i> Cass., <i>Acroptilon picris</i> (Pall. ex Wild.) DC, 1838, <i>Acroptilon repens</i> subsp. <i>australe</i> (Iljin) Gubanov, <i>Acroptilon repens</i> subsp. <i>australe</i> (Iljin) Rech.fil., <i>Acroptilon serratum</i> Cass.,	<i>Avena sativa</i> (oat, oats), <i>Hordeum</i> , <i>Hordeum vulgare</i> (barley, barley), <i>Medicago</i> (medic), <i>Medicago sativa</i> (lucerne), <i>Triticum</i> , <i>Triticum aestivum</i> (gandum, wheat)	biji (true seed inc. grain)	Africa: South Africa Asia: Afghanistan, Armenia, Azerbaijan, Bahrain, China, Georgia, India, Iran, Iraq, Kazakhstan, Kyrgyzstan, Mongolia, Pakistan, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Belgium, Czechia, Denmark, Germany, Latvia, Lithuania, Luxemburg, Poland, Romania, Russia, Finland, Slovakia, Spain, Sweden, Ukraine, United Kingdom America: Argentina, Canada, Mexico, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<i>Acroptilon subdentatum</i> Cass., <i>Carduus picris</i> (Pall. ex Wild.) Sweet, <i>Leuzea repens</i> (L.) D.J.N.Hind, <i>Rhaponticum repens</i> (L.) Hildago, 2006, <i>Serratula amara</i> Pall., <i>Serratula picris</i> (Pall.) M.Beib.); Asteraceae; Russian knapweed			Oceania: Australia
22.	<i>Rhinanthus angustifolius</i> C. C. Gmel.; (Syn. <i>Rhinanthus glacialis</i> subsp. <i>Glacialis</i> , <i>Alectorolophus hirsutus</i> subsp. <i>major</i> (Rchb.) Celak., 1873, <i>Alectorolophus major</i> Wimm., <i>Rhinanthus alpinus</i> subsp. <i>montanus</i> (Saut.) Nyman, 1881, <i>Rhinanthus cristagalli</i> subsp. <i>angustifolius</i> (C. C. Gmel.) Bonnier & de Layens, 1894, <i>Rhinanthus</i>	<i>Hordeum vulgare</i> (barli, barley), <i>Triticum aestivum</i> (gandum, wheat)	mengkotaminasi biji (contaminated true seeds (inc. grain))	America: Canada, Mexico, USA Asia: Armenia, Azerbaijan, Andorra, Georgia, Turkey Europe: Austria, Belgium, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Moldova, Netherlands, North Macedonia, Norway, Poland, Romania, Slovenia, Russia, Spain,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>major</i> subsp. <i>aestivalis</i> P. Fourn., 1937, <i>Rhinanthus major</i> subsp. <i>apterus</i> (Fr.) P. Fourn., 1937, <i>Rhinanthus major</i> subsp. <i>glaber</i>, <i>Rhinanthus major</i> var. <i>serotinus</i>, Schonh. ex Halacsy & Heinr. Braun, <i>Rhinanthus minor</i> subsp. <i>major</i>, <i>Rhinanthus parviflorus</i> Noulet, 1837, <i>Rhinanthus serotinus</i> subsp. <i>angustifolius</i> (C. C. Gmel.) Dostal, <i>Alectorolophus crista-galli</i> var. <i>angustifolius</i> (C. C. Gmel.) Jess., <i>Alectorolophus aristatus</i> subsp. <i>angustifolius</i> (C. C. Gmel.) Villm., <i>Alectorolophus angustifolius</i> (C. C. Gmel.) Heynh., <i>Rhinanthus minor</i> var. <i>angustifolius</i> (C. C. Gmel.) Gren., <i>Fistularia angustifolia</i> (C. C. Gmel.)</p>			Sweden, Switzerland, Ukraine, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Wettst., <i>Rhinanthus alpinus</i> var. <i>angustifolius</i> (C. C. Gmel.) W.D.J. Koch); Orobanchaceae; greater yellow-rattle			
23.	<i>Rhinanthus minor</i> L.; (Syn. <i>Alectorolophus alpinus</i> Rchb., <i>Alectorolophus crista-galli</i> (L.) Bieb., <i>Alectorolophus crista-galli</i> subsp. <i>stenophyllus</i> (Schur) Maly, 1919, <i>Alectorolophus drummond-hayi</i> Sterneck, <i>Alectorolophus glaber</i> All., <i>Alectorolophus glaber</i> Beck, <i>Alectorolophus glandulosus</i> Sterneck, <i>Alectorolophus groenlandicus</i> var. <i>drummond-hayi</i> (F. B. White) Ostenf., <i>Alectorolophus kyrollae</i> (Chabert) Sterneck, <i>Alectorolophus</i>	<i>Hordeum vulgare</i> (barli, barley), <i>Triticum aestivum</i> (gandum, wheat)	mengkotaminasi biji (contaminated true seeds (inc. grain))	America: Brazil, Canada, Mexico, USA Asia: Afghanistan, Armenia, Azerbaijan, Bahrain, Georgia, Iran, Iraq, Israel, Jordan, Kazakhstan, Kuwait, Lebanon, Oman, Peru, Qatar, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen Europe: Albania, Austria, Andorra, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Isle of Man, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>longibracteatus</i> Kociejoski, <i>Alectorolophus minor</i> (L.) Dumort., <i>Alectorolophus minor</i> (L.) Rchb., <i>Alectorolophus minor</i> (L.) Wimm. & Grab., <i>Alectorolophus parviflorus</i> Wallr., <i>Alectorolophus parviflorus</i> var. <i>stenophyllus</i> (Schur) Rouy, 1909, <i>Alectorolophus pulchella</i> Schumach., <i>Alectorolophus pulchella</i> Schumach. ex Wimm., <i>Alectorolophus pulcher</i> Schum., <i>Alectorolophus pulcher</i> Schum. ex Wimm., <i>Alectorolophus ramosus</i> Schur, <i>Alectorolophus ramosus</i> Schur, <i>Alectorolophus rigidus</i> Sterneck, <i>Alectorolophus serotinus</i> Beck, <i>Fistularia crista-galli</i> (L.) Wettst.,</p>			<p>Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Russia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Fistularia crista-galli</i> Kuntze, <i>Fistularia minor</i> (L.) Kuntze, <i>Mimulus crista-galli</i> (L.) Scop., <i>Rhinanthus balticus</i> U. Schneid., <i>Rhinanthus borealis</i> subsp. <i>kyrollae</i> (Chabert) Pennell, <i>Rhinanthus borealis</i> subsp. <i>kyrolliae</i> (Chabert) Pennell, <i>Rhinanthus calcareus</i> Wilmott, <i>Rhinanthus crista- galli</i> L., <i>Rhinanthus crista- galli</i> subsp. <i>minor</i> (L.) Bonnier & Layens, 1894, <i>Rhinanthus crista-galli</i> subsp. <i>stenophyllus</i> (Schur) Soó, 1929, <i>Rhinanthus crista-galli</i> var. <i>crista-galli</i> <i>Rhinanthus crista-galli</i> var. <i>drummond-hayi</i> Buchanan- White, <i>Rhinanthus crista- galli</i> var. <i>fallax</i> W.D.J.Koch, <i>Rhinanthus crista-galli</i> var. <i>fallax</i> W.D.J.Koch ex</p>			

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	<p>E.F.Linton, <i>Rhinanthus crus-galli</i> Clem. & E.G.Clem, <i>Rhinanthus drummond-hayi</i> (Buch.-White) Druce, <i>Rhinanthus glaber</i> Lam., <i>Rhinanthus glaber</i> subsp. <i>minor</i> (L.) Schübl. & G.Martens, 1834, <i>Rhinanthus hercynicus</i> O. Schwarz, <i>Rhinanthus kyrollae</i> Chabert, <i>Rhinanthus kyrolliae</i> Chabert, <i>Rhinanthus lintonii</i> Wilmott, <i>Rhinanthus lochabrensis</i> Wilmott, <i>Rhinanthus longibracteatus</i> (Kociejotoski) Domin, <i>Rhinanthus minor</i> Ehrh., 1791, <i>Rhinanthus</i> subsp. <i>calcareus</i> (Wilmott) E.F. Warb., <i>Rhinanthus</i> subsp. <i>lintonii</i> (Wilmott) P.D. Sell, <i>Rhinanthus minor</i> subsp. <i>minor</i>, <i>Rhinanthus minor</i></p>			

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	subsp. <i>monticola</i> (Lamotte) O. Schwarz, <i>Rhinanthus minor</i> subsp. <i>monticola</i> (Lamotte) P.Fourn., 1937, <i>Rhinanthus minor</i> subsp. <i>perrieri</i> (Chabert) P. Fourn., 1937, <i>Rhinanthus minor</i> subsp. <i>stenophyllus</i> (Schur) P. Fourn., 1937, <i>Rhinanthus minor</i> var. <i>balticus</i> (U.Schneider) D. Hartl, <i>Rhinanthus minor</i> var. <i>drummond-hayi</i> (F.B.White) Å.Löve, 1970, <i>Rhinanthus minor</i> var. <i>hercynicus</i> (O.Schwarz) D. Hartl, <i>Rhinanthus minor</i> var. <i>minor</i> Schur, 1866, <i>Rhinanthus minor</i> var. <i>monticola</i> Lamotte, 1881, <i>Rhinanthus obscurus</i> Stephan, <i>Rhinanthus parviflorus</i> Bluff. & Fingerh., <i>Rhinanthus perrieri</i> Chabert,			

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	<p><i>Rhinanthus pratensis</i> Vill., <i>Rhinanthus ramosus</i> Schur, <i>Rhinanthus rigidus</i> Chabert, <i>Rhinanthus secundus</i> Bréb, <i>Rhinanthus spadiceus</i> E.Willm., 1940, <i>Rhinanthus stenophyllus</i> (Schur) Druce, 1901, <i>Rhinanthus stenophyllus</i> Schur, <i>Rhinanthus trixago</i> Thuill., <i>Rhinanthus vachellae</i> Wilmott, <i>Rhinanthus vulgaris</i> Hill); Orobanchaceae; cockscomb, little yellow rattle, yellow rattle</p>			
24.	<p><i>Striga aspera</i> (Willd.) Benth. (1836); (Syn. <i>Buchnera aspersa</i> (Willd.) Schum. & Thonn., <i>Euphrasia aspera</i> Willd. (1801), <i>Euphrasia aspersa</i> Willd. ex Spreng., <i>Striga aspersa</i> subsp. <i>filiformis</i></p>	<p>Millet, <i>Oryza sativa</i> (padi, paddy, rice), <i>Sorghum bicolor</i> (sorghum, sorghum), <i>Urochloa ramose</i> (browntop millet) https://www.cabi.org/cpc/d atasheet/9670, <i>Zea mays</i> (jagung, corn, maize)</p>	<p>mengkotaminasi biji (contaminated true seeds (inc. grain))</p>	<p>Africa: Benin, Burkina Faso, Cameroon, Central African Republic, DR Congo, Ivory Coast, Ethiopia, Gambia, Ghana, Guinea, Guinea-Bissau, Malawi, Mali, Mauritania, Niger, Nigeria, Senegal, Sudan, South Africa, Tanzania, Togo</p>

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	Benth., <i>Striga aspresa</i> var. <i>filiformis</i> Benth., <i>Striga aspresa</i> var. <i>schweinfurthii</i> Skan, <i>Striga schizostigma</i> Gilg); Orobanchaceae; parasitic weed, witchweed			
25.	<i>Striga forbesii</i> (Benth); (Syn. <i>Buchnera forbesii</i> (Benth) D. Dietr., <i>Cycnium pratense</i> Engl.); Orobanchaceae; parasitic weed, giant maize witchweed, giant mealie witchweed	<i>Sorghum bicolor</i> (sorgum, sorghum), <i>Zea mays</i> (jagung, corn, maize)	mengkotaminasi biji (contaminated true seeds (inc. grain))	Africa: Angola, Benin, Burundi, Burkina Faso, Botswana, DR Congo, Cameroon, Central African Republic, Eswatini, Ethiopia, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mozambique, Nigeria, Somalia, South Africa, Sudan, Rwanda, Tanzania, Uganda, Zambia, Zimbabwe
26.	<i>Striga gesnerioides</i> (Willd) Vatke (1875); (Syn. <i>Buchnera gesnerioides</i> Willd. (1800), <i>Buchnera hydrabadensis</i> Roth. (1821),	<i>Euphorbia abyssinica</i> , <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Indigofera hirsuta</i> (hairy indigo), <i>Jacquemontia tamnifolia</i>	mengkotaminasi biji, umbi (contaminated true seeds (inc. grain), tubers)	Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cape verde, Cameroon, Cape Verde, Central African Republic, Chad, Congo, DR Congo , Egypt,

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	<p><i>Buchnera orobanchoides</i> R.Br. (1814), <i>Striga orobanchoides</i> R.Br. Benth. (1836), <i>Campuleia caerulea</i> Bojer, <i>Campuleia caerulea</i> Bojer ex Benth., <i>Campuleia rosea</i> Bojer, <i>Campuleia rosea</i> Bojer ex Benth., <i>Choronabche indica</i> C. Presl, <i>Harveya varia</i> (E.Mey. ex Drège) Hook., <i>Harveya varia</i> (E.Mey. ex Drège) Hook. ex C.Presl, <i>Harveya varia</i> (E.Mey. ex Drège) Hook. ex Steud., <i>Microsiphus parviflorus</i> C.Presl, <i>Orobanche indica</i> Spreng., <i>Orobanche varia</i> E.Mey., <i>Orobanche varia</i> E.Mey. ex Drège, <i>Orobanche varia</i> E.Mey. ex Steud., <i>Psammotachys varia</i> C. Presl, <i>Striga chloroleuca</i> Dinter, <i>Striga gerneroides</i></p>	<p>(Smallflower morningglory), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza glaberrima</i> (African rice), <i>Vigna</i> spp. (cowpea), <i>Vigna unguiculata</i> (cowpea)</p>		<p>Eritrea, Eswatini, Ethiopia, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Lesotho, Madagascar, Malawi, Mali, Mauritania, Morocco, Mozambique, Namibia, Niger, Nigeria, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Zambia, Zimbabwe America: Guyana, USA Asia: Cambodia, India, Japan, Morocco, Nepal, Oman, Pakistan, Saudi Arabia, Sri Lanka, Yemen Oceania: Australia</p>

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	var. <i>arondensis</i> M.R. Almeida, <i>Striga orchidea</i> Benth., <i>Striga orchidea</i> Hochst.); Orobanchaceae; cowpea witchweed			
27.	<i>Striga hermonthica</i> (Delile) Benth. (1836); (Syn. <i>Buchnera hermontheca</i> Del. (1813), <i>Striga campuleia</i> Steud., <i>Striga hermontheca</i> (Del.) Benth. (1836), <i>Striga hemonthica</i> subsp. <i>senegalensis</i> (Benth.) Maire, <i>Striga senegalensis</i> Benth. (1846)); Orobanchaceae; parasitic weed, purple witchweed	<i>Brachiaria</i> spp. (signalgrass), <i>Cymbopogon</i> spp., <i>Cynodon</i> spp. (quickgrass), <i>Dactyloctenium aegyptium</i> (crowfoot grass), <i>Eleusine coracana</i> (finger millet), <i>Eleusine indica</i> (goose grass), <i>Eragrostis tef</i> (teff), <i>Hordeum vulgare</i> (barli, barley), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum</i> (millets), <i>Panicum walense</i> , <i>Paspalum scrobiculatum</i> (ricegrass paspalum), <i>Pennisetum glaucum</i> (pearl millet), <i>Rottboellia cochinchinensis</i> (itch grass), <i>Saccharum</i>	mengkotaminasi biji, stolon, rhizome (contaminated true seeds (inc. grain), stolons, rhizomes)	Africa: Angola, Benin, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Chad, Congo, DR Congo, Egypt, Eritrea, Eswatini, Ethiopia, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritania, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Africa, South Sudan, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: Cambodia, India, Saudi Arabia, Yemen

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>officinarum</i> (tebu, sugarcane), Sorghum, <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (johnson grass), <i>Zea mays</i> (jagung, corn, maize)		
28.	<i>Striga latericea</i> (Vatke); (Syn. <i>Cycnium strictum</i> (Engl.) Engl., <i>Rhamphicarpa stricta</i> Engl., <i>Striga somaliensis</i> Skan); Orobanchaceae; parasitic weed	<i>Saccharum officinarum</i> (tebu, sugarcane)	mengkotaminasi stek (contaminated cuttings)	Africa: Ethiopia, Central African Republic, Kenya, Mali, Somalia, Tanzania, Zambia
29.	<i>Striga passargei</i> (Engl.); Orobanchaceae; parasitic weed	<i>Zea mays</i> (jagung, corn, maize)	mengkotaminasi biji (contaminated true seeds (inc. grain))	Africa: Benin, Burkina Faso, Cameroon, Ghana, Guinea, Ivory Coast, Mali, Niger, Nigeria, Senegal, Sudan, Tanzania Asia: Saudi Arabia
30.	<i>Thesium australe</i> (R. Br.); (Syn. <i>Linosyris australis</i> (R.Br.) Kuntze); Santalaceae; Austral toadflax, Austral Toad-flax, Australian	<i>Hordeum vulgare</i> (barli, barley), grasses, <i>Saccharum officinarum</i> (tebu, sugarcane)	mengkotaminasi biji, stek (contaminated true seeds (inc. grain), cuttings)	America: USA Asia: China, Japan Europe: Spain Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	Toadflax			
31.	<i>Thesium humile</i> (Vahl.); (Syn. <i>Linosyris humilis</i> (Vahl) Kuntze, <i>Thesium alpinum</i> Desf., <i>Thesium decumbens</i> Dolliner, <i>Thesium graecum</i> Zucc., <i>Thesium humile</i> f. <i>maritima</i> N.D.Simpson, <i>Thesium humile</i> subsp. <i>maritima</i> Simpson, <i>Thesium</i> <i>humile</i> var. <i>maritima</i> (N.D. Simpson) F.M. Saad, <i>Thesium humile</i> var. <i>maritima</i> (Simpson) Sa'ad); Santalaceae; lesser bastard toadflax	<i>Hordeum vulgare</i> (barli, barley), grasses, <i>Saccharum</i> <i>officinarum</i> (tebu, sugarcane)	mengkotaminasi biji, stek (contaminated true seeds (inc. grain), cuttings)	Africa: Algeria, Egypt, Libya, North Africa. Morocco, Tunisia Asia: Israel, Jordan, Lebanon, Saudi Arabia, Syria, Turkey Europe: Austria, Bulgaria, Cyprus, Czechia, France, Greece, Italy, Malta, Portugal, Spain
32.	<i>Thesium resedoides</i> A.W. Hill; Santalaceae	<i>Hordeum vulgare</i> (barli, barley), grasses, <i>Saccharum</i> <i>officinarum</i> (tebu, sugarcane)	mengkotaminasi biji, stek (contaminated true seeds (inc. grain), cuttings)	Africa: Angola, Botswana, Eswatini, Mozambique, South Africa

7. GULMA NON PARASITIK (*NON PARASITIC WEEDS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Elymus repens</i> (L.) Gould; (Syn. 1947 <i>Agropyron repens</i> (L.) Beauv. (1812), <i>Elytrigia repens</i> (L.) Nevski 1933, <i>Triticum repens</i> L. (1753)); Poaceae; couch grass, dog grass, quack grass, quick grass, rope twich, scotch quelch, twich grass, wikens, wicks	<i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> var. <i>saccharifera</i> (sugarbeet), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica napus</i> var. <i>oleifera</i> , <i>Brassica nigra</i> (black mustard), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Daucus carota</i> (wortel, carrot), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Linum usitatissimum</i> (flax), <i>Medicago sativa</i> (lucerne), Pastures, Phaseolus (beans), <i>Pisum sativum</i> (pea), Poaceae (grasses), <i>Sercale cereale</i> (rye), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i>	mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)	Africa: Algeria, Egypt, Libya, Nigeria, Réunion, South Africa, Tunisia America: Argentina, Bolivia, Brazil, Canada, Chile, Ecuador, Greenland, Morocco, USA, Uruguay Antarctica: French Southern Territories Asia: Afghanistan, Armenia, Bangladesh, China, DPR Korea (North Korea), Georgia, India, Iran, Israel, Japan, Kazakhstan, Republic of Korea (South Korea), Mongolia, Pakistan, Syria, Tajikistan, Turkey Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Chile, Croatia, Czechia, Czechoslovakia, Estonia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
		(kentang, potato), Trifoliuk (clovers), Triticum (wheat), <i>Triticum turgidum</i> subsp. <i>durum</i> , Vitis (grape), <i>Vitis vinifera</i> (grapevine), <i>Zea mays</i> (jagung, corn, maize) hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)		Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Montenegro, Mexico, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Svalbard and Jan Meyen, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand, Papua Nugini
2.	<i>Alopecurus myosuroides</i> Huds. (1762); (Syn. <i>Alopecurus agrestis</i> L. (1762), <i>Alopecurus coerulescens</i> Stedu. & Hochst. ex Stedu. (1840), <i>Alopecurus myosuroides</i> var. <i>versicolor</i> (Biasol.) Roshev. (1927), <i>Alopecurus</i>	<i>Alium cepa</i> (bawang bawang bombay, onion), <i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> var. <i>saccharifera</i> (sugarbeet), <i>Brassica napus</i> var. <i>napus</i> (rape), Citrus, <i>Daucus carota</i> (wortel, carrot), <i>Hordeum vulgare</i> (barli, barley), <i>Linum usitatissimum</i> (flax), Malus	mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)	Africa: Algeria, Egypt, Ivory Coast, Libya, Morocco, North Africa, Réunion, Senegal, Tunisia America: Argentina, Brazil, Bolivia, Canada, Chile, Greenland, Mexico, Peru, USA, Uruguay Asia: Afghanistan, Armenia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>purpurascens</i> Link (1844), <i>Tozzettia agrestis</i> (L.) Bubani (1901)); Poaceae; black-grass, black twitch, large foxtail, mousetail grass, slender meadow foxtail, slender foxtail, twitch grass</p>	<p>(ornamental species apple), <i>Medicago sativa</i> (lucerne), <i>Oryza sativa</i> (padi, rice), <i>Phaseolus vulgaris</i> (common bean), <i>Pisum sativum</i> (pea), Prunus (stone fruit), <i>Pyrus communis</i> (European pear), <i>Secale cereale</i> (rye), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> (clovers), <i>Triticum</i> (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Vicia faba</i> (faba bean), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn), hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)</p>		<p>Azerbaijan, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Pakistan, Palestine, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Austria, Belgium, Bulgaria, Croatia, Czechia, Czechoslovakia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Liechtenstein, Luxembourg, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, Ukraine Oceania: Australia, New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
3.	<p><i>Asphodelus fistulosus</i> L. (1753); (Syn. <i>Asphodeloides ramose</i> Moench, <i>Asphodelus fistulosus</i> var. <i>fistulosus</i>, <i>Asphodelus tenuifolius</i> Cav., <i>Ophioprason fistulosum</i> (L.) Salisb., <i>Ophioprason fistulosum</i> infrasubsp. <i>Publ</i>, <i>Verinea fistulosa</i> (L.) Pomel); Liliaceae; onion weed, asphodelus, wild onion, onion-leafed, pink asphodel, asphodel</p>	<p>hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)</p>	<p>mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)</p>	<p>Africa: Algeria, Cape Verde, DR Congo, Egypt, Ethiopia, Libya, Mauritius, Morocco, Somalia, South Africa, Sudan, Tunisia America: Argentina, Canada, Chile, Bolivia, Mexico, Peru, USA Asia: Afghanistan, Bangladesh, India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Malaysia, Nepal, Oman, Pakistan, Palestine, Qatar, Saudi Arabia, Syria, Turkey, Yemen Europe: Albania, Austria, Bosnia and Herzegovina, Belgium, Croatia, Cyprus, France, Germany, Greece, Italy, Malta, Montenegro, Netherlands, North Macedonia, Norway, Portugal, Romania, Serbia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand</p>
4.	<p><i>Cirsium arvense</i> (L.) Scop. (1772);</p>	<p><i>Aeschynomene falcata</i> (joint vetch), <i>Allium cepa</i> (bawang</p>	<p>mengkontaminasi biji, bibit, media tanam</p>	<p>Africa: Algeria, Angola, Eswatini, Réunion, South Africa, Sudan,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	HABITAT BUDIDAYA/ CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Syn. <i>Aplotaxis circioides</i> DC., <i>Aplotaxis pungens</i> DC., <i>Breca arvensis</i> (L.) Less., <i>Breca dioica</i> (Cass.) Less., <i>Breca ochrolepidea</i> (Juz.) Soják, <i>Breca praealta</i> (Cass.) Less., <i>Carduus arvensis</i> (L.) Hill, <i>Carduus arvensis</i> (L.) Robson, <i>Carduus arvensis</i> var. <i>arvensis</i> , <i>Carduus haemorrhoidalis</i> DC., <i>Carduus serratuloides</i> Neck., <i>Cephalonoplos arvensis</i> var. <i>alpestre</i> Kitam., <i>Cephalonoplos arvensis</i> (L.) Fourr., <i>Cephalonoplos arvensis</i> var. <i>arvensis</i> , <i>Cephalonoplos ochrolepidium</i> (Juz.) Juz., <i>Cirsium albicans</i> Wilk., <i>Cirsium arvense</i> f. <i>albiflorum</i> (E.L. Rand & Redfield) R. Hoffm., <i>Cirsium arvense</i> f. <i>arvense</i> , <i>Cirsium arvense</i> f.	bombay, onion), <i>Allium porrum</i> (bawang daun, leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> var. <i>saccharifera</i> (sugarbeet), <i>Brassica juncea</i> var. <i>juncea</i> (Indian mustard), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica napus</i> var. <i>oleifera</i> , <i>Brassica nigra</i> (black mustard), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> subsp. <i>rapa</i>	(contaminated true seeds (inc. grain), seedlings, growing media associated with plants)	Tunisia, Zimbabwe America: Alaska, Argentina, Brazil, Canada, Chile, Falkland Islands, Hawaii, Jamaica, Mexico, Panama, Paraguay, Uruguay, USA Antarctica: French Southern Territories Asia: Afghanistan, Armenia, Azerbaijan, Bangladesh, Bhutan, China, DPR Korea (North Korea), Georgia, India, Iran, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Mongolia, Nepal, Pakistan, Republic of Korea (South Korea), Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Czechoslovakia, Denmark, Estonia, Finland,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	HABITAT BUDIDAYA/ CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>incanum</i> (beck) Gajic, <i>Cirsium arvense</i> f. <i>rubricaulle</i> Lepage, <i>Cirsium arvense</i> subsp. <i>arvense</i>, <i>Cirsium arvense</i> subsp. <i>horridum</i> Wimm. & Grab., <i>Cirsium arvense</i> subsp. <i>vestitum</i> (Wimm. & Grab.) Petr., <i>Cirsium arvense</i> subsp. <i>vestitum</i> (Wimm. & Grab.) Petr. Ex Arènes, 1954, <i>Cirsium arvense</i> subsp. <i>vestitum</i> Wimm. & Grab., <i>Cirsium arvense</i> var. <i>argentatum</i> (Vest.) Fioni, <i>Cirsium arvense</i> var. <i>argenteum</i> Bréb., 1869, <i>Cirsium arvense</i> var. <i>argenteum</i> Treuinf., 1875, <i>Cirsium arvense</i> var. <i>decurrens</i> Wallr., 1840, <i>Cirsium arvense</i> var. <i>discolor</i> Neilr., 1850, <i>Cirsium arvense</i> var. <i>horridum</i> Wimm. &</p>	<p>(turnip), <i>Bromus</i> (brome-grasses), <i>Capsicum annum</i> (paprika, bell pepper), <i>Carthamus tinctorius</i> (safflower), <i>Chamomilla recutita</i> (common chamomile), <i>Cicer arietinum</i> (chickpea), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (giant pumpkin), <i>Cucurbita pepo</i> (marrow), <i>Curcuma longa</i> (turmeric), <i>Dactylis glomerata</i> (cocksfoot), <i>Daucus carota</i> (wortel, carrot), <i>Fagopyrum esculentum</i> (buckwheat), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (kapas, cotton), <i>Helianthus annuus</i> (bunga</p>		<p>France, Germany, Greece, Hungary, Iceland, Ireland, Isle of Man, Italy, Jersey, Latvia, Liechtenstein, Lithuania, Luxemburg, Republic of Moldova, North Macedonia, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Yugoslavia Oceania: Australia, New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	HABITAT BUDIDAYA/ CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p>Grab., <i>Cirsium arvense</i> var. <i>incanum</i> Beck, <i>Cirsium arvense</i> var. <i>malhoi</i> Giraudias, 1890, <i>Cirsium arvense</i> var. <i>spinosissimum</i> Neilr., 1859, <i>Cirsium arvense</i> var. <i>subalatum</i> (Ledeb.) Ledeb., <i>Cirsium arvense</i> var. <i>tomentosum</i> Becker, 1828, <i>Cirsium bebearnense</i> Gand., 1884, <i>Cirsium dioicum</i> Cass., <i>Cirsium halophilum</i> Turcz., <i>Cirsium halophilum</i> Turcz. ex Herder, <i>Cirsium horridum</i> (Wimm. & Grab.) Stakov, <i>Cirsium incanum</i> Bieb., <i>Cirsium lanatum</i> Spreng., <i>Cirsium setosum</i> (Willd.) Bieb., <i>Cirsium ochrolepidium</i> Juz., <i>Cirsium praealtum</i> Cass., <i>Cirsium rubricaulum</i> Novopokr., <i>Cirsium ruthenicum</i> Fisch., <i>Cirsium serratuloides</i> Neck.,</p>	<p>matahari, sunflower), <i>Hordeum vulgare</i> (barli, barley), <i>Lactuca sativa</i> (lettuce), <i>Lagenaria siceraria</i> (bottle gourd), <i>Linum usitatissimum</i> (flax), <i>Lotus corniculatus</i> (bird's-foot trefoil), <i>Lupinus</i> (lupins), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (lucerne), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Onobrychis viciifolia</i> (sainfoin), <i>Panicum miliaceum</i> (millet), <i>Petroselinum crispum</i> (parsley), <i>Phaseolus</i> (beans), <i>Phaseolus lunatus</i> (lima bean), <i>Phleum</i> (timothies), <i>Piper nigrum</i> (lada hitam, black pepper), <i>Pisum sativum</i> (pea), <i>Poa</i> (meadow grass), <i>Polyphagous</i> (polyphagous), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	HABITAT BUDIDAYA/ CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Cirsium setosum</i> f. <i>albiflorum</i> Kitag., <i>Cirsium setosum</i> var. <i>setosum</i>, <i>Cirsium setosum</i> var. <i>subalatum</i> Ledeb., <i>Cirsium sordidum</i> Wallr., <i>Cirsium stocksii</i> Boiss., <i>Cirsium</i> × <i>celakovskianum</i> Knaf, <i>Cirsium</i> × <i>rakosdense</i> Simonk., 1904, <i>Cnicus arvensis</i> (L.) G.Gaertn. et al., 1801, <i>Cnicus arvensis</i> (L.) Hoffm., <i>Cnicus arvensis</i> (L.) Roth, <i>Cnicus arvensis</i> f. <i>albiflorus</i> E.L.Rand & Redfield, <i>Cnicus arvensis</i> f. <i>arvensis</i>, <i>Cnicus arvensis</i> subsp. <i>microstylus</i> (Rchb.) Arcang., 1882, <i>Cnicus arvensis</i> var. <i>arvensis</i>, <i>Cnicus candicans</i> Wall., <i>Cnicus macrostylus</i> Moretti, <i>Cnicus ruthenicus</i> Henning, <i>Cynara repens</i> Stokes, <i>Ixine</i></p>	<p><i>domestica</i> (plum), <i>Pyrus communis</i> (European pear), <i>Raphanus sativus</i> (radish), <i>Rubus fruticosus</i> (blackberry), <i>Rubus idaeus</i> (raspberry), <i>Saccharum officinarum</i> (sugarcane), <i>Secale cereale</i> (rye), <i>Securigera varia</i> (crown vetch), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorghum), <i>Spinacia oleracea</i> (spinach), <i>Trifolium</i> (clovers), <i>Triticum</i> (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum turgidum</i> subsp. <i>durum</i>, <i>Vicia faba</i> (faba bean), <i>Vigna angularis</i> (adzuki bean), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize), hutan tanaman industri (industrial forest),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>arvensis</i> (L.) Hill, <i>Saussurea pungens</i> (DC.) Sch.Bip., <i>Serratula arvensis</i> L., <i>Serratula campestris</i> Schweigg., <i>Serratula campestris</i> Schweigg. ex DC., <i>Serratula complanata</i> Schweigg., <i>Serratula lanata</i> Poir., <i>Serratula spinosa</i> Gilib., <i>Cnicus arvensis</i> Hoffm.); Asteraceae; California thistle, Canada thistle, creeping thistle, field thistle</p>	<p>hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)</p>		
5.	<p><i>Digitaria abyssinica</i> (Hochst. ex A.Rich.) Stapf (1907); (Syn. <i>Digitaria abyssinica</i> (A. Rich.) Stapf. 1907), <i>Digitaria abyssinica</i> var. <i>scalarum</i> (Schweinf.) Stapf (1907), <i>Digitaria eichingeri</i> Mez (1921), <i>Digitaria hackelii</i></p>	<p>Acacia (wattles), <i>Agave sisalana</i> (sisal hemp), <i>Ananas comosus</i> (nanas, pineapple), <i>Camellia sinensis</i> (teh, tea), Coffea (kopi, coffee), Gossypium (kapas, cotton), <i>Linum usitatissimum</i> (flax), Musa (pisang, banana),</p>	<p>mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)</p>	<p>Africa: Burundi, Botswana, Cameroon, Congo Democratic Republic, Eswatini, Eritrea, Ethiopia, Kenya, Lesotho, Madagascar, Malawi, Mozambique, Nigeria, Rwanda, Seychelles, Somalia, Sudan, South Africa, Tanzania, Uganda,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	HABITAT BUDIDAYA/ CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Pilg.) Stapf (1919), <i>Digitaria merkeri</i> Mez (1921), <i>Digitaria mutica</i> Rendle (1911), <i>Digitaria scalarum</i> (Schweinf.) Chiov. (1916), <i>Digitaria somaliensis</i> Chiov. (1917), <i>Digitaria tangaensis</i> Henr. (1934), <i>Digitaria vestita</i> Fig. & De Not. (1854), <i>Panicum abyssinicum</i> A. Rich. (1851), <i>Panicum hackelii</i> Pilg. (1901), <i>Panicum kafuroense</i> K. Schum. (1807), <i>Panicum muticum</i> A. Rich. (1851), <i>Panicum scalarum</i> Schweinf. (1894)); Poaceae; East African coughgrass	<i>Phaseolus vulgaris</i> (common bean), <i>Saccharum officinarum</i> (sugarcane), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Tanacetum cinerariifolium</i> (Pyrethrum), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)		Zambia, Zimbabwe Asia: India, Saudi Arabia, Sri Lanka Europe: Belgium Oceania: Australia
6.	<i>Rumex hypogaeus</i> T.M. Schust. & Reveal; (Syn. <i>Emex australis</i> Steinh., <i>Emex centropodium</i> Meisner, <i>Vibro australis</i> (Steinh.)	<i>Allium cepa</i> (bawang bombay, onion), <i>Apium graveolens</i> (seledri, celery), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Avena sativa</i> (oat,	mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing	Africa: Ascension, Bostwana, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, R�union, Saint Helena, South Africa, Tanzania, Zambia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
	Greene); Polygonaceae; spiny emex, doublegee, three-cornered jack, bindii, bull head, cape spinach, Cathead, cat's head, Devil's- thorn, Emex, giant bull head, goat head, prickly jack, southern three corner jack, tanner's curse	oats), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica oleracea</i> (kembang kol, cabbages, cauliflowers), <i>Cicer arietinum</i> (chickpea), Citrus, <i>Coriandrum sativum</i> (coriander), <i>Dactylis glomerata</i> (cocksfoot), <i>Daucus carota</i> (wortel, carrot), <i>Festuca arundinacea</i> (tall fescue), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (kapas, cotton), <i>Hordeum vulgare</i> (barli, barley), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Linum usitatissimum</i> (flax), <i>Lupinus</i> spp., <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (lucerne), <i>Medicago</i> spp., <i>Pastinaca sativa</i> (parsnip), <i>Pisum sativum</i> (pea), Prunus (stone fruit), <i>Pyrus communis</i> (European pear), <i>Secale</i>	media associated with plants), buah (fruit, inc. pods), daun (leaves), batang (stem (above ground)/ shoots/ trunk/ / branches)	Zimbabwe America: Hawaii, Trinidad and Tobago, USA Asia: India, Japan, Pakistan, Taiwan, Yemen Europe: Belgium, Netherlands, United Kingdom Oceania: Australia, New Caledonia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>cereale</i> (rye), <i>Solanum melongena</i> (aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorghum), <i>Trifolium</i> spp., Triticale, <i>Triticum aestivum</i> (gandum, wheat), <i>Vicia faba</i> (faba bean), <i>Vitis vinifera</i> (grapevine), <i>Zea mays</i> (jagung, corn, maize), hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)		
7.	<i>Parthenium hysterophorus</i> L., (Syn. <i>Argyrochaeta bipinnatifida</i> Cav., <i>Argyrochaeta parviflora</i> Cav., <i>Echetrosis pentasperma</i> Phil., <i>Parthenium hysterophorus</i> subsp. <i>hysterophorus</i> , <i>Parthenium</i>	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)	mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)	Africa: Bostwana, Comoros, Djibouti, DR Congo, Egypt, Eritrea, Eswatini, Ethiopia, Kenya, Madagascar, Mauritius, Mayotte, Mozambique, Namibia, Réunion, Rwanda, Seychelles, Somalia, South Africa, Tanzania, Uganda, Zimbabwe America: Anguilla, Antigua and

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>hysterophorus</i> var. <i>hysterophorus Parthenium glomeratum</i> Rollins, <i>Parthenium lobatum</i> Buckl., <i>Parthenium pinnatifidum</i> Stokes, <i>Villanova pinnatifida</i> Ortega) Asteraceae; parthenium weed, congress grass, whiteheads, barley flower</p>			<p>Barbuda, Aruba, Argentina, Bahamas, Barbados, Bermuda, Belize, British Virgin Islands, Bolivia, Brazil, Caribbean Island, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Curaçao, Dominica, Dominican Republik, Ecuador, El Salvador, French Guiana, Grenada, Guyana, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Montserrat, Mexico, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, Paraguay, Peru, Saba, Saint-Barthélemy, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Sint Eustatius, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Tropical America, Uruguay, USA, United States Virgin Islands, Venezuela</p>

No.	NAMA ILMIAH/ SINONIM/ KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/ <i>CULTIVATION HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Asia: Bangladesh, Bhutan, China, India, Israel, Japan, Jordan, Lao People's Democratic Republic, Malaysia, Maldives, Nepal, Oman, Pakistan, Palestine, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Taiwan, Thailand, United Arab Emirates, Vietnam, Yemen Europe: Belgium, France, Germany, Poland, Netherlands, Spain, Sweden, United Kingdom Oceania: Australia, French Polynesia, New Caledonia, Papua New Guinea, New Zealand, Vanuatu

8. CENDAWAN (*FUNGAL/ FUNGAL LIKE ORGANISM/ PSEUDOFUNGI*)

No	NAMA ILMIAH/ SINONIM/ KLASIFIKASI NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ PATHWAY	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	[r]: <i>Aecidium cantense</i> Arthur (1929) Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Pucciniaceae; potato rust, deforming potato rust, deforming rust, Peruvian rust	<i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum macrocarpon</i> (terong engkol, African eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Ullucus tuberosus</i> (ulluco)	batang (stems above ground), cabang (trunks), ranting (branches), daun (leaves), tunas (shoots)	Africa: Benin America: Peru
2.	[s]: - [a]: <i>Alternaria citri</i> Ellis & N. Pierce, 1902; (Syn. <i>Alternaria brassicae</i> var. <i>citri</i> Penz, 1882, <i>Alternaria citri</i> (Penz.) Mussat, 1900, <i>Alternaria citri</i> var. <i>citri</i> (Penz) Mussat, 1900) Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporomycetidae,	<i>Citrus</i> sp., <i>Citrus jambhiri</i> (rough lemon), <i>Citrus junos</i> (yuzu), <i>Citrus limon</i> (lemon), <i>Citrus medica</i> (citron), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Gerbera</i> (Barbeton daisy), <i>Withania somnifera</i> (poisonous goosberry), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Argyreaia nervosa</i> (elephant creeper)	buah (fruits), daun (leaves)	Africa: Egypt, Kenya, Libya, Malawi, Morocco, Mozambique, Namibia, Nigeria, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Cuba, Paraguay, Jamaica, Mexico, Puerto Rico, Uruguay, USA Asia: Bangladesh, Bhutan, China, Hong Kong, India, Iran, Iraq, Israel, Japan, Myanmar, Nepal, Pakistan, Palestine,

	Pleosporales, Pleosporaceae; stalk end rot, stem end rot, navel end rot, core rot of citrus, black rot of citrus fruit, brown spot of citrus, black rot of citrus, fruit rot of citrus			Republic of Korea (South Korea), Turkey, Vietnam Europe: Bulgaria, Cyprus, France, Greece, Italy, Malta, Portugal, Russia, Spain Oceania: Australia, New Zealand
3.	[s]: - [a]: <i>Alternaria japonica</i> Yoshii, 1941; (Syn. <i>Alternaria brassicae</i> var. <i>macrospora</i> Sacc. pro parte, <i>Alternaria matthiolae</i> Neergaard, 1945, <i>Alternaria raphani</i> J.W. Groves & Skolko, 1944) Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporomycetidae, Pleosporales, Pleosporaceae; Alternaria black spot (and wirestem), alternaria black spot of radish, black pod blotch of radish, black spot of crucifers, leaf spot of radish	<i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica nigra</i> (black mustard), <i>Brassica oleracea</i> (kubis, cabbages), <i>Brassica oleracea</i> var. <i>botrytis</i> (kembang kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>gongylodes</i> (kohlrabi), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> subsp. <i>campestris</i> , <i>Brassica rapa</i> subsp. <i>chinensis</i> (Chinese cabbage), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Brassica rapa</i> subsp. <i>pekinensis</i> , <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Brassicaceae</i> (cruciferous crops), <i>Cicer arietinum</i> (chickpea), <i>Diplotaxis</i>	biji (true seeds), buah (fruits), daun (leaves), batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), akar (roots), bibit (seedlings), micropropagated plants	Africa: Egypt, Kenya, South Africa, Tunisia, Zimbabwe America: Barbados, Brazil, Canada, Cuba, USA Asia: Bangladesh, Bhutan, China, India, Iran, Iraq, Israel, Japan, Myanmar, Pakistan, Saudi Arabia, Republic of Korea (South Korea), Taiwan, Thailand Europe: Austria, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Netherlands, Russia, Spain, United Kingdom Oceania: Australia, French Polynesia, New Caledonia, New Zealand, Papua New Guinea

		<p><i>tenuifolia</i>, <i>Eruca vesicaria</i> (purple-vein rocket), <i>Erysimum cheiri</i> (wallflower), <i>Iberis</i> (candytuft), <i>Iberis amara</i>, <i>Lepidium</i> (pepperweed), <i>Matthiola</i>, <i>Matthiola incana</i> (stock), <i>Raphanus sativus</i> (radish), <i>Raphanus sativus</i> var. <i>hortensis</i>, <i>Sinapis alba</i> subsp. <i>alba</i>, <i>Sinapis arvensis</i> (wild mustard), <i>Sinapis arvensis</i> subsp. <i>arvensis</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Thlaspi arvense</i> (field pennycress), <i>Triticum turgidum</i> (durum wheat)</p>		
4.	<p>[c]: <i>Aphanomyces euteiches</i> Drechsler (1925) Chromista, Oomycota, Oomycetes, Saprolegniales, Leptolegniaceae; Aphanomyces root rot, common root rot, root rot</p>	<p><i>Hordeum vulgare</i> (barli, barley), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Medicago sativa</i> (alfalfa, <i>lucerne</i>), <i>Melilotus</i> (Melilots), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), <i>Sagittaria rhombifolia</i> (Amazon sword plant), <i>Trifolium pratense</i> (red clover), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Trifolium subterraneum</i></p>	<p>akar (roots), batang (stems), bibit (seedlings), media tanam (growing medium associated with plants)</p>	<p>America: Canada, USA Asia: Armenia, Azerbaijan, China, India, Japan, Kazakhstan, Kyrgystan, Tajikistan, Turkmenistan, Uzbekistan Europe: Belarus, Czechia, Denmark, Estonia, Finland, France, Georgia, Italy, Latvia, Lithuania, Moldova, Netherlands, Norway, Poland, Russia, Slovakia, Spain, Sweden, Ukraine, United</p>

		(subterranean clover), <i>Vicia faba</i> (oat, oats), <i>Vigna</i> spp. (buncis, cowpea)		Kingdom Oceania: Australia, New Zealand
5.	[s]: <i>Armillaria heimii</i> Pegler, 1977 (Syn. <i>Armillariella elegans</i> (R. Heim) J.B Taylor, J.E. Hawk ins & McLaren, 1974, <i>Clitocybe elegans</i> R. Heim, 1963) [a]: - Fungi, Basidiomycota, Agaricomycotina, Agaricomycetes, Agaricomycetidae, Agaricales, Physalacriaceae; Armillaria root rot, honey root rot, root rot of tropical trees	<i>Acacia mearnsii</i> (black wattle), <i>Acacia melanoxylon</i> (Australian blackwood), <i>Anacardium occidentale</i> (jambu mede, cashew nut), <i>Araucaria cunninghamii</i> (colonial pine), <i>Camellia sinensis</i> (teh, tea), <i>Casuarina equisetifolia</i> (casuarinas), <i>Cinnamomum camphora</i> (camphor laurel), <i>Cocos nucifera</i> (kelapa, coconut), <i>Coffea arabica</i> (kopi, arabica coffee), <i>Coffea canephora</i> (kopi, robusta coffee), <i>Corymbia citriodora</i> (lemon-scented gum) <i>Delonix regia</i> (gold mohar), <i>Eriobotrya japonica</i> (loquat), <i>Grevillea robusta</i> (silky oak), <i>Hevea brasiliensis</i> (karet, rubber), <i>Jacaranda mimosifolia</i> (Brazilian rosewood), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Musa paradisiaca</i> (pisang, banana), <i>Pinus ellioti</i> (slash pine), <i>Pinus radiata</i> (radiata	akar (roots), batang (stems above ground), tunas (shoots), cabang (trunks), ranting (branches), kayu (wood), kulit kayu (bark), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Angola, Cameroon, Congo, DR Congo, Ethiopia, Gabon, Ghana, Ivory Coast, Kenya, Madagascar, Mozambique, Nigeria, Reunion, South Africa, Tanzania, Uganda, Zambia, Zimbabwe

		pine), <i>Pinus strobus</i> (eastern white pine), <i>Pinus taeda</i> (loblolly pine), <i>Prunus</i> (stone fruit), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (Japanese plum), <i>Schinus molle</i> (false pepper tree), <i>Swietenia</i> (mahogany), <i>Tectona grandis</i> (teak), <i>Theobromoa cacao</i> (kakao, cocoa)		
6.	[s]: <i>Armillaria luteobubalina</i> Watling & Kile (1978) [a]: - Fungi, Basidiomycota, Agaricomycotina, Agaricomycetes, Agaricomycetidae, Agaricales, Physalacriaceae; Armillaria root rot, honey root rot, Australian honey fungus	<i>Abelia grandiflora</i> (Glossy abelia), <i>Acacia cyclops</i> (coastal wattle), <i>Acacia dealbata</i> (acacia bernier), <i>Acacia longifolia</i> (golden wattle), <i>Acacia mearnsii</i> (black wattle), <i>Acacia melanoxylon</i> (Australian blackwood), <i>Acacia saligna</i> (Port Jackson wattle), <i>Acer palmatum</i> (Japanese maple), <i>Actinidia chinensis</i> (Chinese gooseberry), <i>Camellia</i> , <i>Canna indica</i> (canna lilly), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Cotoneaster</i> , <i>Cycas revoluta</i> (sago cycas), <i>Dizygotheca</i> (false aralia), <i>Dodonaea</i>	akar (roots), batang (stem (above ground), cabang (trunks), ranting (branches), umbi (bulbs, tubers, corms, rhizomes), kayu (wood), kulit kayu (bark), tunas (shoots)	America: Argentina, Chile Oceania: Australia

		<p><i>viscosa</i> (switch sorrel), <i>Elaeagnus pungens</i> (thorny olive), <i>Euonymus japonicus</i> (Japanese spindle tree), <i>Fraxinus</i> (ashes), <i>Fuchsia hybrids</i>, <i>Grevillea robusta</i> (silky oak), <i>Hibiscus</i> (rosemallows), <i>Hydrangea macrophylla</i> (French hydrangea), <i>Kalmia</i> (laurel), <i>Ligustrum</i> (privet), <i>Magnolia</i>, <i>Malus</i> (ornamental species apple), <i>Melia azedarach</i> (Chinaberry), <i>Nerium oleander</i> (oleander), <i>Philadelphus coronarius</i> (mock orange), <i>Photinia glabra</i>, <i>Picea pungens</i> (blue spruce), <i>Pinus radiata</i> (radiata pine), <i>Prunus</i> (stone fruit), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus persica</i> (persik, peach), <i>Rhododendron indicum</i> (Satsuki azalea), <i>Salix</i> (willows), <i>Taxus</i> (yew), <i>Viburnum</i>, <i>Vitis vinifera</i> (anggur, grapevine), <i>Wisteria sinensis</i> (Chinese wisteria)</p>		
7.	<p>[s]: - [a]: <i>Ascochyta boltshauseri</i></p>	<p>Leguminosae, Fabaceae, Poaceae, <i>Vigna</i> spp. (buncis,</p>	<p>batang (stems), biji (true seeds), daun</p>	<p>America: Colombia, USA Asia: India</p>

	<p>Sacc., 1891 (Syn. <i>Ascochyta hortensis</i> Kabát & Bubát, 1905, <i>Ascochyta hortensis</i> (Sacc. & Malbr.) Jørst., 1945, <i>Hendersonia hortensis</i> Sacc. & Malbr., 1882, <i>Phoma boltshauseri</i> (Sacc) Boerema, R. Pieters & Hamers, 1993, <i>Phoma</i> <i>funkiae-albomarginatae</i> Punith., 1988, <i>Stagonospora boltshauseri</i> (Sacc.) Grigoriu, 1975, <i>Stagonosporopsis</i> <i>hortensis</i> (Sacc. & Malbr.) Petr., 1921, <i>Stagonospora</i> <i>hortensis</i> (Sacc. & Malbr.) Sacc., 1884, <i>Stagonosporopsis</i> <i>boltshauseri</i> (Sacc.) Died., 1912) Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporomycetidae, Pleosporales, Didymellaceae; bean blotch, bean leaf spot</p>	<p>cowpea), <i>Vigna radiata</i> (mung bean, green bean), <i>Phaseolus</i> <i>vulgaris</i> (common bean), <i>Alhagi</i> sp. (camelthorns or manna trees.), <i>Phaseolus</i> sp., <i>Trifolium</i> sp. (clover), <i>Cladrastis tinctoria</i> (Kentucky yellowwood or American yellowwood), <i>Coronilla varia</i> (crownvetch or purple crown vetch), <i>Lens esculenta</i> (lentil), <i>Onobrychis sativa</i> (common sainfoin), <i>Orobus vernus</i> (China vesennyaya), <i>Vicia</i> <i>faba</i> (broad bean), <i>Vicia sativa</i> (garden vetch, common vetch, tare, narrowleaf vetch)</p>	<p>(leaves), polong (pods), tanah (soil)</p>	<p>Europe: Canada, Czechia, Germany, Netherlands, Romania, Slovakia, United Kingdom Oceania: New Zealand</p>
8.	<p>[s]: <i>Biscogniauxia</i> <i>nummularia</i> (Bull.)</p>	<p><i>Camellia sinensis</i> (teh, tea), <i>Malus domestica</i> (apel, apple),</p>	<p>akar (roots), batang (stems), media tanam</p>	<p>Africa: Kenya, Mauritius, Nigeria, South Africa</p>

	<p>Kuntze, 1891 (Syn. <i>Hypoxyton nummularium</i> Bull. (1790), <i>Nummularia nummularia</i> (Bull.) J. Schröt. (1897); <i>Numulariola nummularia</i> (Bull.) House (1925), <i>Sphaeria nummularia</i> DC. (1805), <i>Sphaeria anthracina</i> J.C. Schmidt (1817), <i>Nummularia anthracina</i> (J.C. Schmidt) Traverso (1906), <i>Nummularia bulliardii</i> Tul. & C. Tul. [as 'bulliardi'] (1863), <i>Biscogniauxia bulliardii</i> (Tul. & C. Tul.) Kuntze (1891), <i>Kommamyce bulliardii</i> (Tul. & C. Tul.) Nieuwl. [as 'Bulliardi'] (1916); <i>Nummularia anthracina</i> var. <i>tiliicola</i> Rehm [as 'tiliaecola'] (1909), <i>Nummularia bulliardii</i> var. <i>tiliicola</i> (Rehm)</p>	<p><i>Pyrus communis</i> (pir, pear), <i>Vitis vinifera</i> (anggur, grapevine), <i>Fagus sylvatica</i> (European beech)</p>	<p>(growing media associated with plants), tanaman (whole plant)</p>	<p>America: USA Asia: Hong Kong, India, Japan, Pakistan Europe: Austria, Czechia, France, Germany, Italy, Latvia, Portugal, Romania, Slovakia, United Kingdom Oceania: Australia</p>
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<p>Sacc. [as 'tiliaecola'] (1913), <i>Nummularia bulliardii</i> var. <i>minor</i> Rehm (1912), <i>Hypoxyton nummularium</i> var. <i>macrosporum</i> J.C. Gilman & L.H. Tiffany (1952)</p> <p>[a]: <i>Lojkania decorticata</i> (Berl. & Voglino) M.E. Barr, 1984</p> <p>(Syn. <i>Sphaeria trivialis</i> Berk. & Broome (1852), <i>Didymosphaeria trivialis</i> (Berk. & Broome) Sacc. (1882), <i>Microthelia trivialis</i> (Berk. & Broome) Kuntze (1898); <i>Sphaeria decorticata</i> Cooke & Harkn. (1884), <i>Amphisphaeria decorticata</i> Berl. & Voglino (1886)</p> <p>Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Xylariomycetidae, Xylariales, Xylariaceae;</p> <p>tea wood rot, tea root rot, rot root, tarry root rot, beech tarcrust, charcoal canker</p>			
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9.	<p>[s]: - [a]: <i>Boeremia exigua</i> (Desm.) Aveskamp, Gruyter & Verkley, 2010; (Syn. <i>Ascochyta coffeae</i> Henn., 1902, Höhn., 1909, <i>Ascochyta heteromorpha</i> (Schulzer & Sacc.) Curzi, 1932, <i>Ascochyta hydrangeae</i> (Ellis & Everh.) Aksel, 1956, <i>Ascochyta nicotianae</i> Pass., 1881, <i>Ascochyta linicola</i> Naumov & Vassilijevsky, 1926, <i>Ascochyta phaseolorum</i> Sacc., 1878, <i>Ascochyta viburni</i> Roum. Ex Sacc., 1884, <i>Ascochyta viburni</i> var. <i>viburni</i> Roum. Ex Sacc., 1884, <i>Boeremia exigua</i> var. <i>coffeae</i> (Henn.) Aveskamp, Gruyter & Verkley, 2010, <i>Boeremia exigua</i> var. <i>gilvescens</i> Aveskamp, Gruyter & Verkley, 2010, <i>Boeremia exigua</i> var. <i>heteromorpha</i> (Schulzer & Sacc.) Aveskamp, Gruyter &</p>	<p><i>Linum ussitatissimum</i> (flax), <i>Hydrangea macrophylla</i>, <i>Origanum dubium</i>, <i>Vigna</i> spp. (buncis, cowpea), <i>Canavalia ensiformis</i>, <i>Glycine max</i>, <i>Lablab</i> (<i>Dolichos</i>) <i>niger</i>, <i>Phaseolus acutifolius</i>, <i>Phaseolus atropurpureus</i>, <i>Phaseolus aureus</i>, <i>Phaseolus calcaratus</i>, <i>Phaseolus lathyroides</i>, <i>Phaseolus limensis</i>, <i>Phaseolus lunatus</i>, <i>Phaseolus mungo</i>, <i>Phaseolus nanus</i>, <i>Phaseolus richardianus</i>, <i>Phaseolus trilobus</i>, <i>Phaseolus vulgaris</i>, <i>Vigna catjang</i>, <i>Vigna coerulea</i>, <i>Vigna sesquipedalis</i>, <i>Vigna sinensis</i>, <i>Subterranea</i>, <i>Voandezia subterranean</i></p>	<p>akar (roots), batang (stems), biji (true seeds), buah (fruits), bunga (inflorescences)</p>	<p>Africa: Cameroon, Congo, Egypt, Ethiopia, Gambia, Kenya, Libya, Malawi, Mozambique, Nigeria, Rhodesia, Rwanda, Sudan, South Africa, Tanzania, Togo, Uganda, Zambia, Zaire, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Dominican Republic, Ecuador, El Salvador, Guyana, Honduras, Nicaragua, Peru, Puerto Rico, USA, Venezuela Asia: Azerbaijan, Bhutan, Brunei Darussalam, China, Hong Kong, India, Iran, Iraq, Israel, Japan, Malaysia, Myanmar, Nepal, Oman, Pakistan, Sri Lanka, Thailand, Turkey Europe: Belgium, Cyprus, Czechia, Denmark, Estonia, France, Germany, Ireland, Italy, Latvia, Netherlands, Norway, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, Cook Islands, Fiji, New Zealand, Papua Nugini, Solomon Islands,</p>
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	<p>Verkley, 2010, <i>Boeremia exigua</i> var. <i>lilacis</i> (Sacc.) Aveskamp, Gruyter & Verkley, 2010, <i>Boeremia exigua</i> var. <i>linicola</i> (Naumov & Vassiljevsky) Aveskamp, Gruyter & Verkley, 2010, <i>Boeremia exigua</i> var. <i>populi</i> (Gruyter & P. Scheer) Aveskamp, Gruyter & Verkley, 2010, <i>Boeremia exigua</i> var. <i>pesudolilacis</i> Aveskamp, Gruyter & Verkley, 2010, <i>Boeremia exigua</i> var. <i>viburni</i> (Roum. Ex Sacc.) Aveskamp, Gruyter & Verkley, 2010, <i>Phoma exigua</i> Sacc., 1879, <i>Phoma exigua</i> Desm., 1849, <i>Phoma exigua</i> var. <i>capsici</i> L.Z. Liang, 1991, <i>Phoma exigua</i> var. <i>exigua</i> Desm., 1849), <i>Phoma exigua</i> var. <i>fositythiae</i> (Sacc.) Aa, Boerema & Gruyter, 2000, <i>Phoma exigua</i> var. <i>heteromorpha</i> (Schluzer & Sacc.), <i>Phoma exigua</i> var. <i>inoxydabilis</i></p>			Tonga
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	<p>Boerema & Vegh, 1974, <i>Phoma exigua</i> var. <i>lilacis</i> (Sacc.) Boerema, 1979, <i>Phoma exigua</i> var. <i>linicola</i> (Naumov & Vassiljevsky) P.W.T Maas, 1965, <i>Phoma exigua</i> var. <i>populi</i> Gruyter & P. Scheer, 1988, <i>Phoma exigua</i> var. <i>solanicola</i> (Prill. & Delacr.) Popkova, Malikova & Kovaleva, 1973, <i>Phoma exigua</i> var. <i>viburni</i> (Roum. Ex Sacc.) Boerema, 1998, <i>Phoma herbarum</i> f.sp <i>humuli</i> Sacc., 1883, <i>Phoma herbarum</i> f.sp <i>lilacis</i> Sacc., 1880, <i>Phoma heteromorpha</i> Schulzer & Sacc., 1884, <i>Phoma perexigua</i> Sacc., 1884, <i>Phoma solanicola</i> Prill. & Delacr., 1890, <i>Phoma solanicola</i> f.sp <i>solanicola</i> Prill. & Delacr., 1890, <i>Phoma solanicola</i> var. <i>solanicola</i> Prill. & Delacr., 1890, <i>Phoma viburni</i> (Roum. Ex Sacc.) Boerema & M.J. Griffin, 1974),</p>			
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	<p><i>Phomopsis perexigua</i> (Sacc.), 1877, <i>Phyllosticta forsythiae</i> Sacc., 1877, <i>Phyllosticta hydrangeae</i> var. <i>europaeae</i> Passal., 1926, , <i>Phyllosticta hydrangeae</i> var. <i>hydrangeae</i> Ellis & Everh.m 1889); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporomycetidae, Pleosporales, Didymellaceae; foot rot of flax, Ascochyta spot, leaf spot (or blotch) of bean</p>			
10.	<p>[s]: <i>Botryosphaeria bidwellii</i> (Ellis) Petr., 1958; (Syn. <i>Carlia bidwellii</i> (Ellis) magnus, 1892, <i>Carlia bidwellii</i> (Ellis) prunet, 1898, <i>Greeneria fuliginea</i> Scribn. & Viala, 1887, <i>Greeneria uvicola</i> (Berk. & M.A. Curtis) Punith., 1974, <i>Guignardia aleuritidis</i> (Vassiljevsky) Aa, 1973, <i>Guignardia bidwellii</i> (Ellis) Viala & Ravaz,</p>	<p><i>Ampelopsis</i>, <i>Cissus</i>, <i>Parthenocissus</i>, <i>Parthenocissus quinquefolia</i> (<i>Virginia creeper</i>), <i>Parthenocissus tricuspidata</i> (Boston ivy), <i>Citrus</i> spp., <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis arizonica</i> (canyon grape (USA)), <i>Vitis labrusca</i> (fox grape)</p>	<p>batang (stems), buah (fruits inc. pods), bunga (flowers, inflorescences), daun (leaves)</p>	<p>Africa: Morocco, Mozambique, Sudan America: Argentina, Barbados, Brazil, Canada, Cuba, El Salvador, Guyana, Haiti, Jamaica, Martinique, Mexico, Panama, USA, Uruguay, Venezuela Asia: China, DPR Korea (North Korea), India, Iran, Japan, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Turkey</p>

	<p>1892, <i>Guignardia bidwellii</i> f. <i>bidwellii</i> (Ellis) Viala & Ravaz, 1892, <i>Guignardia bidwellii</i> var. <i>parthenocissi</i> Luttr., <i>Laestadia bidwellii</i> (Ellis) Viala & Ravaz, 1888, <i>Melaconium fuligineum</i> (Scribn. & Viala) cavara, 1888, <i>Melanops aleuritis</i> vassiljevsky, 1940, <i>Naespora ampelicida</i> Engelm., 1863, <i>Phyllachorella bidwellii</i> (Ellis) Theiss., 1919, <i>Physalospora bidwellii</i> (Ellis) Sacc., 1882, <i>Phyllostictina uvicola</i> (Berk. & M.A. Curtis) Hohn., 1920, <i>Physalospora bidwellii</i> (Ellis) Sacc., 1882, <i>Sphaeria bidwellii</i> Ellis, 1880, <i>Sphaerella bidwellii</i> (Ellis) Ellis, 1890); [a]: <i>Phyllosticta ampelicida</i> (Engelm.) Aa, 1973; (Sym. <i>Phoma uvicola</i> Berk. & M.A. Curtis, 1873, <i>Phoma uvicola</i> var.</p>			<p>Europe: Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, France, Germany, Italy, Kosovo, Montenegro, North Macedonia, Romania, Russia, Serbia, Slovakia, Slovenia, Switzerland, Ukraine Oceania: Australia, Christmas Island</p>
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	<p><i>labruscae</i> Thum. 1878, <i>Phoma uvicola</i> var. <i>uvicola</i> Berk. & M.A. Curtis, 1873); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Botryosphaeriales, Botryosphaeriaceae; black rot of grapevine</p>			
11.	<p>[s]: <i>Botryosphaeria dothidea</i> (Moug.) Ces. & De Not., Comm. Soc. Crittog (1863); (Syn: <i>Sphaeria dothidea</i> Moug. (1823); <i>Caumadothis dothidea</i> (Moug.) Petr., (1971); <i>Xyloma rosae</i> Schleich. (1815); <i>Dothidea rosae</i> (Schleich. ex DC.) (1849); <i>Botryosphaeria dothidea</i> var. <i>pluriguttata</i> Brunaud, Bul l. 1893); <i>Dothiorella mali</i> var. <i>fructans</i> Dearn. (1941) [a]: -</p>	<p><i>Actinidia deliciosa</i> (kiwi fruit), <i>Grevillea robusta</i> (silky oak), <i>Carya cathayensis</i> (Chinese hickory), <i>Citrus</i>, <i>Cornus alba</i> (red-barked dogwood), <i>Cupressus sempervirens</i> (Mediterranean cypress), <i>Cydonia oblonga</i> (quince), <i>Eucalyptus globulus</i> (Tasmanian blue gum), <i>Ficus microcarpa</i> (Indian laurel tree), <i>Hylocereus undatus</i> (buah naga, dragon fruit), <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Morus alba</i> (mora), <i>Olea europaea</i> subsp. <i>europaea</i> (European olive), <i>Pistacia vera</i> (pistachio), <i>Prunus avium</i> (sweet cherry),</p>	<p>batang (stems), buah (fruits), daun (leaves)</p>	<p>Africa: Algeria, Ethiopia, Malawi, Namibia, Republic of Sierra Leone, South Africa, Tunisia, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Guatemala, Mexico, Panama, Paraguay, USA, Uruguay, Venezuela Asia: China, Hong Kong, India, Iran, Japan, Pakistan, Philippines, Republic of Korea (South Korea), Syria, Taiwan, Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Hungary, Italy, Lithuania, Montenegro, Poland, Portugal, Serbia,</p>

	Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Botryosphaeriales, Botryosphaeriaceae; canker of almond bark gummosis of peach, bot rot of apple, cane canker of blackberry, gummosis disease of blueberry, ripe rot of kiwi fruit, white rot of apple	<i>Prunus domestica</i> (plum), <i>Prunus dulcis</i> (almond), <i>Prunus mume</i> (Japanese apricot tree), <i>Pyrus communis</i> (pir, European pear), <i>Vaccinium corymbosum</i> (blueberry), <i>Vitis vinifera</i> (anggur, grapevine)		Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: American Samoa, Australia, New Caledonia, New Zealand
12.	[s]: <i>Botryosphaeria ribis</i> Grossenb. & Duggar, 1911; (Syn. <i>Botryosphaeria mali</i> V.A. Putterill, 1919, <i>Botryosphaeria ribis</i> f. <i>achromogena</i> Grossenb. & Duggar, <i>Botryosphaeria ribis</i> f. <i>chromogena</i> Grossenb. & Duggar, 1911, <i>Botryosphaeria ribis</i> f. <i>ribis</i> Grossenb. & Duggar, 1911, <i>Botryosphaeria ribis</i> var. <i>chromogena</i> Shear, N.E. Stevens & Wilcox, 1924, <i>Botryosphaeria ribis</i> var. <i>ribis</i> Grossenb. &	<i>Casuariana equisetifolia</i> (<i>casuariana</i>), <i>Citrus</i> sp. (jeruk, citrus), <i>Eucalyptus</i> sp., <i>Eucalyptus camaldulensis</i> (red gum), <i>Juglans</i> spp. (<i>walnuts</i>), <i>Liquidambar formosa</i> (beautiful sweetgum), <i>Liquidambar styraciflua</i> (sweetgum), <i>Macadamia integrifolia</i> (macadamia nut), <i>Macadamia tetraphylla</i> (rough-shell macadamia nut), <i>Malus domesticum</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Persea americana</i> (alpokat, avocado), <i>Pistia</i> (water lettuce), <i>Populus</i> sp. (poplars), <i>Prunus amygdalus</i> , <i>Prunus dulcis</i>	batang (stems above ground), cabang (trunks), ranting (branches), buah (fruits inc. pods), bunga (flowers, inflorescences, cones, calyx), kulit kayu (bark), tunas (shoots)	Africa: Ethiopia, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Niger, Nigeria, South Africa, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Barbados, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Grenada, Honduras, Jamaica, Mexico, Panama, Trinidad and Tobago, USA, Uruguay, Venezuela Asia: Bangladesh, Brunei Darussalam, China, Georgia, Hong Kong, India, Iran, Israel, Japan, Lao PDR, Malaysia, Myanmar, Nepal, Pakistan, Republic of Korea (South Korea),

	<p>Duggar, 1911); [a]: <i>Neofusicoccum ribis</i> (Slippers, Crous & M. J. Wingf.) Crous, Slippers & A. J. L. Phillips, 2006; (Syn. <i>Botryodiplodia ribis</i> (Fuckel) Petr., 1927, <i>Botryodiplodia majuscula</i> Sacc., 1902, <i>Botryodiplodia ribis</i> f. <i>majuscula</i> (Sacc.) Zambett., 1955, <i>Botryodiplodia ribis</i> f. <i>ribis</i> (Fuckel) Petr., 1927, <i>Cryptosporium aesculi</i> (Corda) Fr., 1832, <i>Discella aesculi</i> (Corda) Oudem., 1889, <i>Dothiorella aesculi</i> (Corda) Petr., 1922, <i>Dothiorella gregaria</i> Sacc., 1881, <i>Dothiorella ribis</i> (Fuckel) Sacc., 1884, <i>Fusicoccum aesculi</i> Corda, 1829, <i>Fusicoccum ribis</i> Slippers, Crous & M.J. Wingf., 2004, <i>Fusicoccum tingens</i> Goid. <i>Podosporium ribis</i> Fuckel, 1864, <i>Septomyxa aesculi</i></p>	<p>(almon, badam, almond), <i>Prunus persica</i> (persik, peach), <i>Rhododendron</i> (azalea), <i>Ribes</i> (currants), <i>Rubus</i> spp. (blackberry, raspberry)</p>		<p>Sri Lanka, Taiwan, Thailand, Turkey Europe: Cyprus, France, Greece, Italy, Netherlands, Portugal, Spain, United Kingdom Oceania: Australia, Federated states of Micronesia, Fiji, New Zealand, Papua Nugini, Solomon Islands</p>
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	(Corda) Petr., 1921; Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Botryosphaeriales, Botryosphaeriaceae; cane blight, canker, dieback, fruit rot, gummosis, panicle and shoot blight, stem blight, tip dieback, white rot			
13.	[s]: <i>Botryotinia aclada</i> ; [a]: <i>Botrytis aclada</i> Fresen., 1850; Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Helotiales, Sclerotiniaceae; grey mould of onion, neck rot of onion, leaf rot of onion, small sclerotial neck rot fungus, neck rot fungus, grey mould neck rot of onion, small sclerotial onion neck rot	<i>Allium</i> spp., <i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i> var. <i>aggregatum</i> (bawang merah, shallot), <i>Allium porrum</i> (leek), <i>Allium</i> <i>sativum</i> (bawang putih, garlic)	biji (true seeds), bunga (inflorescences), daun (leaves), umbi (bulbs, tubers, corms, rhizomes), tanah (soil)	Africa: Egypt, Kenya, Morocco, South Africa, Tanzania, Zambia America: Brazil, Canada, Chile, Colombia, Costa Rica, Guatemala, Jamaica, Panama, USA, Venezuela Asia: Afghanistan, Bangladesh, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Nepal, Pakistan, Saudi Arabia, Republic of Korea (South Korea), Taiwan, Turkey, Vietnam Europe: Austria, Belgium, Bulgaria, Cyprus, Czechia, Finland, France, Germany, Italy, Montenegro, Netherlands, Norway, Poland, Serbia, Slovakia, Slovenia, United Kingdom Oceania: Australia, New Zealand

14.	<p>[s]: <i>Botryotinia draytonii</i> (Buddin & Wakefield) Seaver;</p> <p>[a]: <i>Botrytis gladiatorum</i> Timmerm (1941); (Syn. <i>Sclerotinia draytonii</i> (Buddin & Wakef.) Seaver., 1951);</p> <p>Fungi, Ascomycota, Pezizomycotina, Leotiomyces, Helotiales, Sclerotiniaceae;</p> <p>core rot of gladiolus, corm rot</p>	<p><i>Gladiolus</i> spp., <i>Gladiolus hybrid</i> (sword lily)</p>	<p>tanaman (whole plant), umbi (corms)</p>	<p>Asia: India, Iran, Pakistan</p>
15.	<p>[s]: <i>Botryotinia porri</i> (J.F.H. Beyma) Whetzel, 1945;</p> <p>[a]: <i>Botrytis porri</i> N.F. Buchw., 1949; (Syn. <i>Sclerotinia porri</i> J.F.H. Bey, a, 1927);</p> <p>Fungi, Ascomycota, Pezizomycotina, Leotiomyces, Helotiales, Sclerotiniaceae;</p> <p>Botrytis rot of garlic, Botrytis rot of leek, seedling damping-off of onion, neck rot of onion, mycelia onion neck rot</p>	<p><i>Allium</i> spp. <i>Allium cepa</i> (bawang bombai, onion), <i>Allium porrum</i> (bawang prei, leek), <i>Allium sativum</i> (bawang putih, garlic)</p>	<p>umbi (bulbs, tubers, corms, rhizomes), tanah (soil)</p>	<p>America: Canada, Chile, USA, Venezuela</p> <p>Asia: China, Iran, Japan</p> <p>Europe: Finland, Germany, Hungary, Norway, United Kingdom</p> <p>Oceania: Australia, New Zealand</p>
16.	<p>[s]: <i>Botryotinia squamosa</i> Vienn.-Bourg., 1953;</p> <p>[a]: <i>Botrytis squamosa</i> J.C.</p>	<p><i>Allium</i> spp., <i>Allium cepa</i> (bawang bombai, onion), <i>Allium chinense</i> (spring onion)</p>	<p>bunga (inflorescences), daun (leaves), umbi (bulbs)</p>	<p>Africa: Mauritius</p> <p>America: Brazil, Canada, USA</p> <p>Asia: China, DPR Korea (North</p>

	<p>Walker, 1925; (Syn. <i>Sclerotinia squamosa</i> (Vienn. Bourg.) Dennis, 1956); Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Helotiales, Sclerotiniaceae; leaf blight of onion, neck rot of onion, small sclerotial neck rot, onion leaf blight, onion neck rot</p>			<p>Korea), Hong Kong, India, Japan, Republic of Korea (South Korea), Taiwan Europe: Bosnia and Herzegovina, Belgium, Bulgaria, Czechia, France, Germany, Ireland, Italy, Netherlands, Poland, United Kingdom Oceania: New Caledonia, New Zealand</p>
17.	<p>[s]: <i>Botryotinia tulipae</i>; [a]: <i>Botrytis tulipae</i> (Lib.) Lind, 1913; (Syn. <i>Botrytis parasitica</i> Schleid., 1845, <i>Sclerotinia tulipae</i> (Lib) Boud., 1907, <i>Sclerotium tulipae</i> Lib., 1830, <i>Sclerotium tulipaeae</i> Weinm., 1836); Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Helotiales, Sclerotiniaceae; tulip fire</p>	<p><i>Tulipa</i> spp. (tulip, tulip), <i>Tulipa gesneriana</i></p>	<p>bunga (inflorescences), daun (leaves), umbi (bulbs, corms), batang (stems), tanah (soil)</p>	<p>Africa: Egypt America: Argentina, Canada, Chile, USA Asia: Armenia, Azerbaijan, DPR Korea (North Korea), India, Iraq, Japan, Kazakhstan, Kyrgyzstan, Philippines, Republic of Korea (South Korea), Tajikistan, Turkmenistan, Uzbekistan, Turkey Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Guernsey, Hungary, Italy, Jersey, Latvia, Lithuania, Moldova, Montenegro,</p>

				Netherlands, North Macedonia, Norway, Portugal, Romania, Russia, Serbia, Slovenia, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
18.	[s]: - [a]: <i>Cadophora gregata</i> (Allington & D. W. Chamb.) T. C. Harr. & McNew, 2003); (Syn. <i>Cephalosporium gregatum</i> Allington & D.W. Chamb., 1948, <i>Phialophora gregata</i> (Allington & D.W. Chamb.) W. Gams, 1971); Fungi, Ascomycota, Leotiomyces, Helotiales; Ploettnerulaceae; brown rot, brown stem rot of soyabean, brown stem rot of adzuki bean	<i>Glycine max</i> (kedelai, soybean), <i>Vigna angularis</i> (adzuki bean), <i>Vigna radiata</i> (kacang hijau, mungbean)	biji (true seeds), buah (fruits inc. pods), daun (leaves), akar (roots), batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), bunga (inflorescences, cones, calyx)	Africa: Egypt America: Argentina, Brazil, Canada, Mexico, Puerto Rico, USA Asia: Japan Europe: Croatia, Montenegro, Serbia
19.	[s]: - [a]: <i>Cercospora duddiae</i> Welles, 1923; Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Mycosphaerellales,	<i>Allium</i> spp., <i>Allium cepa</i> var. <i>agregatum</i> (bawang merah, shallot), <i>Allium cepa</i> var. <i>ascalonicum</i> (bawang bombai, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Allium schoenoprasum</i> (chives),	daun (leaves), tanaman (whole plant)	Africa: Mauritius, Nigeria, Sierra Leone, Somalia, Uganda America: Barbados, Jamaica Asia: Brunei Darussalam, Burma, India, Malaysia, Oman, Yaman Oceania: Papua Nugini

	Mycosphaerellaceae; leaf spot of onion and garlic, withertip onion of and garlic, leaf spot of garlic, leaf spot of onion	<i>Allium porrum</i> (bawang prei, leek), <i>Allium sativum</i> (bawang putih, garlic)		
20.	[s]: - [a]: <i>Cercospora epipactidis</i> ; (Syn. <i>Cercospora missal</i> ex. Sacc. (1911); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Mycosphaerellales, Mycosphaerellaceae; leaf spot	Orchidaceae (anggrek, orchids)	batang (stems), bunga (inflorescences), daun (leaves), tangkai bunga (flower stalks)	Europe: Italy, Germany, Russia
21.	[s]: <i>Ciborinia allii</i> (Sawada) L.M. Kohn, 1979; (Syn. <i>Botryotinia allii</i> (Sawada) W. Yamam., 1956); [a]: <i>Botrytis allii</i> Munn, 1917; (Syn. <i>Botrytis byssoidea</i> J.C. Walker, 1925, <i>Sclerotinia allii</i> Sawada, 1919); Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Helotiales, Sclerotiniaceae; neck rot of onion	<i>Allium</i> spp., <i>Allium cepa</i> (bawang bombai, onion), <i>Allium fistulosum</i> (bawang daun, welsh onion), <i>Allium</i> <i>porrum</i> (bawang prei, leek), <i>Allium sativum</i> (bawang putih, garlic)	biji (true seeds), daun (leaves), umbi (bulbs, tubers, corms, rhizomes)	Africa: Egypt America: Brazil, Dominican Republic, USA Asia: China, Japan, Republic of Korea (South Korea), Taiwan Europe: Bulgaria, Denmark, Netherlands, Norway, Poland, United Kingdom Oceania: Australia, New Zealand

22.	<p>[s]: - [a]: <i>Cladosporium cucumerinum</i> Ellis & Arthur 1889; (Syn. <i>Cladosporium scabies</i> Cooke, 1903, <i>Cladosporium cucumeris</i> A. B. Frank, 1893, <i>Macrosporium melophthorum</i> (Prill. & Decalr.) Rostr., 1893, <i>Scolicotrichum melophthorum</i> Prill. & Decalr., 1891); Fungi, Ascomycota, Dothideomycetes, Cladosporiales, Cladosporiaceae; Scab of cucurbits, gummosis of cucumber, fruit blight of cucumber, grey anthracnose of cucurbits, gummosis of cucumber, gummosis of cucurbits, leaf blight of cucumber, pox of cucurbits, scab of cucumber, spotting of cucumber</p>	<p><i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (labu besar, giant pumpkin), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini)</p>	<p>batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), buah (fruits), bunga (flowers, inflorescences, cones, calyx), biji (true seeds, grains), daun (leaves), polong (pods)</p>	<p>Africa: Kenya, Mauritius, Morocco, South Africa, Zambia, Zimbabwe America: Barbados, Canada, Chile, Cuba, El Salvador, Mexico, Panama, Puerto Rico, Trinidad and Tobago, USA Asia: Azerbaijan, Bhutan, China, India, Iran, Israel, Japan, Lebanon, Pakistan, Republic of Korea (South Korea), Thailand, Turkey, Yemen Europe: Austria, Belarus, Bulgaria, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Sweden, United Kingdom Oceania: French Polynesia</p>
23.	<p>[s]: <i>Claviceps africana</i> Frederickson, Mantle &</p>	<p><i>Sorghum</i> spp., <i>Sorghum bicolor</i> (sorgum, sorghum),</p>	<p>batang (stems above ground), cabang</p>	<p>Africa: Angola, Botswana, Burkina Faso, Burundi,</p>

	<p>amp; De Milliano 1991; [a]: <i>Sphacelia sorghi</i> McRae 1917; Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Clavicipitaceae; ergot, sorghum ergot, sugary disease</p>	<p><i>Sorghum halepense</i> (Johnson grass)</p>	<p>(trunks), ranting (branches), tunas (shoots), biji (true seed, grains), bunga (inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants),</p>	<p>Eswatini, Ethiopia, Ghana, Kenya, Lesotho, Malawi, Mozambique, Nigeria, Rwanda, Senegal, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Colombia, Dominican Republic, Haiti, Honduras, Jamaica, Mexico, Paraguay, Puerto Rico, USA, Uruguay, Venezuela Asia: India, Japan, Thailand, Yemen Oceania: Australia</p>
24.	<p>[s]: <i>Claviceps gigantea</i> SF Fuentes, Isla, Ullstrup & amp; AE Rord 1964; [a]: - Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Clavicipitaceae; ergot of maize, horse's tooth, maize ergot</p>	<p><i>Zea mays</i> (jagung, corn, maize)</p>	<p>biji (true seeds, grains), bunga (inflorescences, cones, calyx)</p>	<p>America: Mexico</p>
25.	<p>[s]: <i>Claviceps purpurea</i> (Fr.) Tul., 1853; (Syn. <i>Claviceps microcephala</i> (Wallr.) Tul., 1853, <i>Claviceps</i></p>	<p><i>Agrostis</i> (bentgrasses), <i>Avena sativa</i> (oat, oats), <i>Bromus</i> (bromegrasses), <i>Cynodon</i> (quickgrass), <i>Distichlis</i>, <i>Echinochloa</i> (barnyardgrass),</p>	<p>biji (true seeds, grains), bunga (inflorescences, cones, calyx)</p>	<p>Africa: Algeria, Ethiopia, Guinea, Kenya, Malawi, Mauritania, Mauritius, Morocco, South Africa, Sudan, Tanzania, Zimbabwe</p>

<p><i>microcephala</i> var. <i>acus</i> Desm., 1850, <i>Claviceps microcephala</i> var. <i>microcephala</i> (Wallr.) Tul., 1853, <i>Claviceps purpurea</i> var. <i>agropyri</i> Tanda, 1981, <i>Claviceps purpurea</i> var. <i>purpurea</i> (Fr.) Tul., 1853, <i>Claviceps purpurea</i> f. <i>purpurea</i> (Fr.) Tul., 1853) Tul., 1853, <i>Claviceps purpurea</i> f. <i>secalis</i> J. Krebs, 1936, <i>Claviceps sesleriae</i> Stäger, <i>Claviceps setulosa</i> (Quel.) Sacc., <i>Cordyceps microcephala</i> (Wallr.) Berk. & Broome, <i>Cordyceps purpurea</i> (Fr.) Fr., 1849, <i>Cordyceps purpurea</i> var. <i>acus</i> Desm., 1850, <i>Cordyceps purpurea</i> var. <i>purpurea</i> (Fr.) Berk., 1849, <i>Cordyceps setulosa</i> Quel., <i>Kentrosporium microcephalum</i> Wallr., 1846, <i>Sphaeria entomorrhiza</i> Schumach., 1803, <i>Sphaeria purpurea</i> Fr., 1823); [a]: <i>Sphacelia segetum</i> Lév.,</p>	<p><i>Festuca</i> (fescues), <i>Hordeum</i> (barli, barleys), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium</i> (rye grasses), <i>Lolium perenne</i> (perennial rye grass), <i>Panicum</i> (millets), <i>Pennisetum</i> (feather grass), <i>Phleum</i> (timothies), <i>Poa</i> (meadow grass), <i>Poa pratensis</i> (rumpit iru Kentucky, smooth-stalked meadowgrass), <i>Poaceae</i> (grasses), <i>Secale</i> (gandum hitam, rye), <i>Secale cereale</i> (gandum hitam, rye), <i>Sorghum bicolor</i> (sorghum, sorghum), <i>Spartina alterniflora</i> (smooth cordgrass), <i>Spartina anglica</i> (common cordgrass), <i>Spartina densiflora</i>, <i>Spartina foliosa</i>, <i>Triticum</i> (gandum, wheat), <i>Triticum aestivum</i> (gandum, wheat)</p>		<p>America: Argentina, Brazil, Canada, Chile, Colombia, Mexico, Peru, USA, Uruguay Asia: Armenia, China, DPR of Korea (North Korea), India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Nepal, Philippines, Republic of Korea (South Korea), Turkey Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Faroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand</p>
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	<p>1827; (Syn. <i>Sclerotium clavus</i> DC., (1815), <i>Spermoedia clavus</i> (DC.) Fr., 1822, <i>Sphacelia segetum</i> Lev., 1827); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Clavicipitaceae; ergot</p>			
26.	<p>[s]: - [a]: <i>Colletotrichum kahawae</i> J.M Waller & Bridge, 1993; (Syn. <i>Colletotrichum coffeanum</i> F. Noack (sensu Hindorf, 1970), <i>Colletotrichum kahawae</i> subsp. <i>kahawae</i> J.M. Waller & bridge, 1993, <i>Colletotrichum coffeanum</i> 'var. <i>virulans</i>' (Rayner, 1952), <i>Colletotrichum kahawae</i> subsp. <i>ciggaro</i> B.S. Weir & P.R. Johnst., 2012); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Glomerellales, Glomerellaceae;</p>	<p><i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi aranika, arabica coffee), <i>Coffea canephora</i> (kopi robusta, robusta coffee), <i>Coffea liberica</i> (Liberian coffee tree), <i>Camellia oleifera</i> (tea-oil tree)</p>	<p>batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots, buds), buah (fruits inc. pods), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kulit kayu (bark)</p>	<p>Africa: Angola, Burundi, Cameroon, Central African Republic, Congo, DR Congo, Ethiopia, Kenya, Malawi, Mozambique, Rwanda, Tanzania, Uganda, Zambia, Zimbabwe America: Colombia, Cuba Asia: China Europe: Italy</p>

	anthracnose of coffee, brown blight of coffee, coffee berry disease			
27.	[s]: - [a]: <i>Colletotrichum sublineolum</i> Henn. ex Sacc. & Trotter (1913); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Glomerellales, Glomerellaceae; sorghum anthracnose, stalk red rot of sorghum, red leaf spot of sorghum, head blight of sorghum	Poaceae (<i>grasses</i>), <i>Sorghum bicolor</i> (sorghum, sorghum), <i>Zizania aquatica</i> (annual wildrice)	batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoot), biji (true seeds), bunga (flowers, inflorescences, cones, calyx), daun (leaves)	Africa: Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, DR Congo, Eswatini, Ethiopia, Ghana, Guinea, Kenya, Malawi, Mali, Mozambique, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Barbados, Canada, Colombia, Costa Rica, Cuba, El Salvador, Guatemala, Guyana, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: Afghanistan, Bangladesh, Cambodia, China, Hong Kong, India, Japan, Lebanon, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand Europe: Romania, United Kingdom

				Oceania: Australia, Papua Nugini, Solomon Islands
28.	[s]: - [a]: <i>Coniothyrium wernsdorffiae</i> Laubert, 1905; (Syn. <i>Coniothyrium cystotricha</i> (Schulzer) Sacc. & Traverso, 1910, <i>Sacidium cystotricha</i> Schulzer, 1871); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Coniothyriaceae; rose brand canker	<i>Rosa</i> spp. (mawar, roses)	batang (stems), tanaman (whole plant)	America: Canada, USA Europe: Austria, Bulgaria, Denmark, France, Germany, Greece, Italy, Lithuania, Netherlands, Poland, Russia, Sweden, Ukraine, United Kingdom Oceania: Australia
29.	[s]: <i>Cryphonectria parasitica</i> (Murrill) M.E. Barr 1978; (Syn. <i>Diaporthe parasitica</i> Murrill, 1906, <i>Endothia gyrosa</i> var. <i>parasitica</i> (Murrill) Clinton, 1907, <i>Endothia parasitica</i> (Murrill) P.J. Anderson & H.W. Anderson, 1912, <i>Valsonectria parasitica</i> (Murrill) Rehm, 1907); [a]: - Ascomycota, Pezizomycotina, Sordariomycetes,	<i>Alnus cordata</i> (Italian alder), <i>Carpinus betulus</i> (common hornbeam), <i>Castanea</i> spp. (chestnuts), <i>Castanea dentata</i> (American chestnut), <i>Castanea henryi</i> (Henry chestnut), <i>Castanea mollissima</i> (Chinese chestnut), <i>Castanea ozarkensis</i> (Ozark chinkapin), <i>Castanea pumila</i> (Allegheny chinquapin), <i>Castanea sativa</i> (chestnut), <i>Castanea sequinii</i> (sequin chestnut), <i>Malus</i>	biji (true seeds, grains), batang (stems (above ground), trunks, branches), daun (leaves), kulit kayu (bark), tunas (shoots)	Africa: Tunisia America: Canada, USA Asia: Azerbaijan, China, India, Iran, Japan, Lebanon, North Korea, South Korea, Taiwan, Turkey Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Germany, Greece, Hungary, Italy, Netherlands, North Macedonia, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia,

	Diaporthales, Valsaceae; blight of chestnut, blight of oak, canker of chestnut, chestnut blight, sweet chestnut blight	<i>domestica</i> (apel, apple), <i>Quercus</i> spp. (oak, oaks), <i>Quercus alba</i> (ek putih, white oak), <i>Quercus frainetto</i> (Hungarian oak), <i>Quercus ilex</i> (ek hijau, evergreen oak), <i>Quercus petraea</i> (sessile oak), <i>Quercus pubescences</i> (pubescent oak), <i>Quercus stellata</i> (iron oak), <i>Quercus virginiana</i> (southern live oak)		Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia
30.	[s]: <i>Davidiella allii-cepae</i> (M.M. Jord., Maude & Burchill) Crous & U. Braun, 2003; (Syn. <i>Mycosphaerella allii-cepae</i> M.M. Jord., Maude & Burchill, 1986); [a]: <i>Cladosporium allii-cepae</i> (Ranoj.) M.B. Ellis, 1976; (Syn. <i>Heterosporium allii-cepae</i> Ranoj., 1910, <i>Heterosporium allii-cepae</i> var. <i>cepivorum</i> Nicolas & Aggery, 1927); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Capnodiales, Cladosporiaceae; leaf spot of <i>Allium</i> spp., leaf spot of onion, leaf blotch	<i>Allium</i> spp., <i>Allium cepa</i> (bawang bombai, onion), <i>Allium porum</i> (bawang prei, leek), <i>Allium fistulosum</i> (bawang daun, welsh onion)	umbi lapis (bulbs), daun (leaves), tanah (soil)	America: Argentina, Brazil, USA Asia: India, Republic of Korea (South Korea) Europe: Bosnia and Herzegovina, Croatia, Germany, Ireland, Macedonia, Montenegro, Norway, Serbia, Slovenia, Switzerland, United Kingdom

31.	<p>[s]: <i>Diaporthe neoviticola</i> Udayanga, Crous & K. D. Hyde, 2012; (Syn. <i>Cryptosporella viticola</i> Shear, 1911);</p> <p>[a]: <i>Phomopsis viticola</i> (Sacc.) Sacc., 1915; (Sym. <i>Diplodia viticola</i> Desm., 1838, <i>Diplodia viticola</i> f. <i>foliicola</i> Lobik, 1926, <i>Diplodia viticola</i> f. <i>viticola</i> Desm., 1838, <i>Fusicoccum viticola</i> Reddick, 1909, <i>Metadiplodia subsolitaria</i> f. <i>Viticola</i> (Desm.) Zambett., 1955, <i>Phoma viticola</i> Sacc., 1880, <i>Phoma viticola</i> var. <i>Labrucae</i> Gonz. Frag., 1917, <i>Phoma viticola</i> var. <i>Viticola</i> sacc., 1880, <i>Phoma vitis</i> Bonord., 1864, <i>Phomopsis viticola</i> var. <i>Ampelopsidis</i> Grove, 1919);</p> <p>Fungi, Ascomycota, Sordariomycetes, Diaporthales, Diaporthaceae; Phomopsis cane and leaf spot,</p>	<p><i>Olea europaea</i> subsp. <i>europaea</i> (European olive), <i>Parthenocissus quinquefolia</i> (creeper), <i>Vitis labrusca</i> (fox grape), <i>Vitis rupestris</i> (sand-grape), <i>Vitis vinifera</i> (anggur, grapevine)</p>	<p>batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoot), buah (fruits inc. pods), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kulit kayu (bark), kayu (wood)</p>	<p>Africa: Algeria, Egypt, Kenya, South Africa, Tunisia, Zimbabwe America: Argentina, Brazil, Canada, Chile, Mexico, USA, Venezuela Asia: Brunei Darussalam, China, India, Japan, Taiwan, Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Hungary, Italy, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
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	Phomopsis cane and leaf blight, black knot of grapevine, black rot of grapevine, dead-arm of grapevine, necrosis of grapevine			
32.	[s]: <i>Diaporthe perseae</i> (Zerova) R.R. Gomes, C. Glienke & Crous, 2013; [a]: <i>Phomopsis perseae</i> Zerova, 1940; Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Diaporthales, Diaporthaceae; fruit rot	<i>Persea americana</i> (alpukat, avocado)	buah (fruits), daun (leaves)	Africa: South Africa America: USA Asia: China Oceania: Australia
33.	[s]: <i>Didymella lycopersici</i> Kleb. 1921; [a]: <i>Phoma lycopersici</i> (Plowr.) Jacz., 1898; (Syn. <i>Ascochyta lycopersici</i> Brunaud, 18, <i>Diplodina lycopersici</i> Hollos, 1907, <i>Sphaeronaema lycopersici</i> Plowr., 1881); Fungi, Ascomycota, Dothideomycetes, Pleosporales, Didymellaceae; canker of tomato, Ascochyta	<i>Capsicum</i> (peppers), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato)	batang (stems (above ground), cabang (trunks), ranting (branches), tunas (shoots), biji (true seeds, grains), buah (fruits), polong (pods), media tanam (growing media associated with plants)	Africa: Ivory Coast, Morocco, Nigeria, Togo, Uganda America: Barbados, Brazil, Canada, Cuba, Dominican Republic, Haiti, Mexico, Panama, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: Armenia, Azerbaijan, Brunei Darussalam, China, India, Israel, Japan, Jordan, Malaysia Europe: Albania, Austria, Belarus, Belgium, Bulgaria, Cyprus, Denmark, Estonia,

	blight, fruit rot of tomato, leaf spot of tomato, stem canker of tomato, stem rot of tomato			Finland, France, Germany, Greece, Ireland, Italy, Lithuania, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Spain, Sweden, Ukraine, United Kingdom Oceania: French Polynesia, New Caledonia, New Zealand, Papua Newguini, Tonga
34.	[s]: - [a]: <i>Diplodia laelio-cattleyae</i> Sibia, 1927; (Syn. <i>Lasiodiplodia laeliocattleyae</i> (Sibia) A. Alves, 2017); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Botryosphaeriales, Botryosphaeriaceae; leaf spot, dieback	<i>Cattleya</i> sp. (anggrek cattleya, cattleya), <i>Persea americana</i> (alpukat, avocado)	daun (leaves), tanaman (whole plant)	America: Peru
35.	[s]: <i>Elsinoe arachidis</i> (Bitanc. & Jenkins) Rossman & W.C. Allen, 2016; [a]: <i>Sphaceloma arachidis</i> Bitanc. & Jenkins (1940); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes,	<i>Arachis hypogaea</i> (kacang tanah, groundnut)	batang (stems), daun (leaves)	Africa: Eswatini America: Argentina, Brazil, Colombia Asia: China, Japan

	Myriangiales, Elsinoaceae; groundnut scab, peanut scab, scab of groundnut, scab: groundnut			
36.	[s]: <i>Elsinoe brasiliensis</i> Bitanc. & Jenkins 1942; (Syn. <i>Elsinoë jatrophae</i> Bitanc. & Jenkins, 1951); [a]: <i>Sphaceloma manihoticola</i> Bitanc. & Jenkins 1950; (Syn. <i>Sphaceloma brasiliensis</i> Zundel, 1931); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Myriangiales, Elsinoaceae; superelongation disease of cassava, cassava root enlargement	<i>Jatropha curcas</i> (jarak, jatropha), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Manihot glaziovii</i> (ceara rubber)	batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), buah (fruits inc. pods), daun (leaves)	America: Barbados, Brazil, Colombia, Dominican Republic, Mexico, Nicaragua, Panama, Trinidad and Tobago, Venezuela Oceania: Cook Islands
37.	[s]: <i>Elsinoe mangiferae</i> Bitanc. & Jenkins, 1946; [a]: <i>Denticularia mangiferae</i> (Bitanc. & Jenkins) Alcorn, Grice & R.A. Peterson 1999; (Syn. <i>Sphaceloma mangiferae</i> Bitanc. & Jenkins, 1956); Fungi, Ascomycota, Pezizomycotina,	<i>Mangifera indica</i> (mangga, mango)	batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), buah (fruits inc. pods), daun (leaves), bunga (flowers, inflorescences, cones, calyx)	Africa: Kenya America: Brazil, Canada, Cuba, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, Panama, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, USA Asia: India, Nepal, Philippines, Taiwan Oceania: Australia

	Dothideomycetes, Myriangiales, Elsinoaceae; mango scab			
38.	[s]: <i>Elsinoe rosarum</i> Jenkins & Bitanc. 1932; [a]: <i>Sphaceloma rosarum</i> (Pass.) Jenkins 1932; (Syn. <i>Gloeosporium rosarum</i> (Pass.) Grove, 1937, <i>Phyllosticta rosarum</i> Pass. 1881); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Myriangiales, Elsinoaceae; scab, rose spot anthracnose	<i>Rosa</i> spp. (mawar, rose)	batang (stems), daun (leaves), tangkai bunga (pedicels)	America: USA Europe: Germany
39.	[s]: <i>Erysiphe bertolinii</i> Roum., 1880; (Syn. <i>Erysiphe tridactyla</i> (Wallr.) Rabenh., 1844); [a]: <i>Podosphaera tridactyla</i> (Wallr.) de Bary, 1870; (Syn. <i>Alphitomorpha tridactyla</i> Wallr., 1833, <i>Oidium passerinii</i> Bertol., 1879, <i>Podosphaera clandestina</i> var. <i>tridactyla</i> (Wallr.) W.B. Cooke, 1952, <i>Podosphaera oxyacanthae</i> var. <i>tridactyla</i> (Wallr.) E.S.	<i>Prunus</i> (stone fruit), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus hypoleuca</i> , <i>Prunus persica</i> (peach)	buah (fruits)	Africa: Egypt, Libya, Morocco, South Africa America: Argentina, Canada, Chile, Ecuador, Mexico, Peru, USA Asia: Afghanistan, Armenia, Azerbaijan, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kyrgyzstan, Lebanon, Republic of Korea (South Korea), Saudi Arabia, Taiwan, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yemen

	<p>Salmon, 1900, <i>Podosphaera tridactyla</i> f. <i>tridactyla</i> (Wallr.) de Bary, 1870, <i>Podosphaera tridactyla</i> var. <i>prunicola</i> Y.S. Paul & V.K. Thakur, 2006, <i>Podosphaera tridactyla</i> var. <i>tridactyla</i> (Wallr.) de Bary, 1870); Fungi, Ascomycota, Pezizomycotina, Leotiomyces, Erysiphales, Erysiphaceae; powdery mildew of apricot, powdery mildew of cherry, powdery mildew of plum</p>			<p>Europe: Bulgaria, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
40.	<p>[s]: <i>Erysiphe cichoracearum</i> sensu auct. NZ, <i>Erysiphe orontii</i> var. <i>papaveris</i> Y. S. Paul & V. K. Thakur, 2006; (Syn. <i>Erysiphe cichoracearum</i> f. <i>scrophulariae</i> Koshk., 1961, <i>Erysiphe cichoracearum</i> f. <i>fumariae</i> Annal., 1960, <i>Erysiphe polyphaga</i> Hammarl., 1945, <i>Erysiphe tabaci</i> Sawada, 1928, <i>Erysiphe</i></p>	<p><i>Begonia</i>, <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit, sugar beet), <i>Campanula rapunculoides</i> (creeping bellflower), <i>Capsicum annuum</i> (paprika, bell pepper), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Clitoria ternatea</i> (butterfly-pea), <i>Convolvulus arvensis</i> (bindweed), <i>Crassula</i> spp., <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (labu, giant</p>	<p>batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), bibit (seedlings), buah (fruits inc. pods), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods), tanaman mikropropagasi (micropropagated</p>	<p>Africa: Ethiopia, Egypt, Eswatini, Kenya, Libya, Mauritius, Morocco, Nigeria, South Africa, Sudan, Tanzania, Tunisia, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Cuba, Mexico, Puerto Rico, USA, Venezuela Asia: Afghanistan, China, Georgia, Hong Kong, India, Iran, Iraq, Israel, Kuwait, Japan, Jordan, Lebanon, Mongolia, Pakistan, Philippines, Republic</p>

	<p><i>cichoracearum</i> f. <i>actinostemonis</i> Jacz., 1927, <i>Erysiphe cichoracearum</i> f. <i>apocyni</i> Jacz., 1927, <i>Erysiphe cichoracearum</i> f. <i>asclepiadis</i> Jacz., 1927, <i>Erysiphe cichoracearum</i> f. <i>campanulae</i> Jacz., 1927, <i>Erysiphe orontii</i> Castagne, 1851, <i>Erysiphe orontii</i> var. <i>orontii</i> Castagne, 1851); [a]: <i>Golovinomyces orontii</i> (Castagne) V. P. Heluta, 1988; (Syn. <i>Euoidium lini</i> (Bondartsev) Y. S. Paul & J. N. Kapoor, 1987, <i>Acrosporium lini</i> (Škorič) Subram., 1971, <i>Oidium lini</i> Škorič, 1926, <i>Oidium lini</i> Bondartsev, 1913, <i>Oidium begoniae</i> Puttemans, 1911); Fungi, Ascomycota, Leotiomycetes, Erysiphales, Erysiphaceae; white mould, powdery mildew</p>	<p>pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Eucalyptus</i> spp. (eukaliptus, eucalyptus), <i>Euphorbia</i> (spurges), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Galium aparine</i> (cleavers), <i>Greenovia</i> spp., <i>Hibiscus</i> (rosemallows), <i>Lactuca sativa</i> (selada, lettuce), <i>Lactuca serriola</i> (prickly lettuce), <i>Lagenaria</i>, <i>Limnanthes douglasii</i>, <i>Luffa acutangula</i> (angled luffa), <i>Mentha piperita</i> (peppermint), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Petunia hybrida</i>, <i>Phlox paniculata</i> (summer perennial phlox), <i>Pisum sativum</i> (kapri, pea), <i>Plantago</i> (plantain), <i>Senecio vulgaris</i>, <i>Sesamum</i> (sesame), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Trichosanthes dioica</i> (pointed gourd), <i>Valerianella locusta</i></p>	<p>plants)</p>	<p>of Korea (South Korea), Taiwan, Tajikistan, Turkey, Yemen Europe: Austria, Belgium, Bulgaria, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Montenegro, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, Fiji, New Caledonia, New Zealand</p>
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		(common cornsalad), <i>Vinca</i> (periwinkle), <i>Vinca minor</i> (common periwinkle)		
41.	<p>[s]: <i>Erysiphe quercicola</i> S. Takam. & U. Braun, 2007; [a]: <i>Pseudoidium anacardii</i> (F. Noack) U. Braun & R. T. A. Cook, 2012; (Syn. <i>Oidium anacardii</i> F. Noack., 1898), <i>Oidium citri</i> (J.M. Yen) U. Braun, 1982, <i>Acrosporium anacardii</i> (F. Noack) J.A. Stev., 1975, <i>Acrosporium heveae</i> (B.A. Steinm.) Subram., 1971, <i>Acrosporium mangiferae</i> (Berthet) Subram., 1971, <i>Oidium erysiphoides</i> f. <i>citri</i> J.M. Yen, 1967, <i>Oidium heveae</i> B.A. Steinm., 1925, <i>Oidium mangiferae</i> Berthet, 1914); Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Erysiphales, Erysiphaceae; powdery mildew</p>	<p><i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Cinnamomum camphora</i>, <i>Citrus reticulata</i>, <i>Quercus robur</i>, <i>Quercicola</i> (oaks), <i>Jatropha curcas</i> (jatropha), Mangifera indica (mango), Quercus phillyraeoides (ubame oak), Quercus robur (common oak), Quercus serrata (glandbearing oak)</p>	<p>buah (fruits), daun (leaves), tanaman (whole plant)</p>	<p>Africa: Kenya, Malawi, Mozambique, Nigeria, South Africa, Tanzania, Zambia America: Brazil Asia: China, India, Japan, Vietnam</p>
42.	<p>[s]: <i>Exobasidium reticulatum</i> Ito & Sawada, 1912;</p>	<p><i>Camellia sinensis</i> (teh, tea)</p>	<p>batang (stems), daun (leaves)</p>	<p>Asia: China, Japan, Malaysia, Taiwan</p>

	[a]: - Fungi, Basidiomycota, Exobasidiomycetes, Exobasidiales, Exobasidiaceae; net blister blight of tea			
43.	[s]: <i>Fomitopsis pinicola</i> (Sw.) P. Karst. 1881; (Syn. <i>Antrodia serpens</i> var. <i>tuber</i> P. Karst., 1889, <i>Antrodia tuber</i> (P. Karst) P. Karst., 1898, <i>Boletus fulvus</i> Schaeff., 1774, <i>Boletus marginatus</i> Pers., 1794, <i>Boletus pinicola</i> Sw., 1810, <i>Boletus semiovatus</i> Schaeff., 1774, <i>Coriolus helveolus</i> (Rostk.) Quél., 1890, <i>Favolus pinihalepensis</i> Pat., 1897, <i>Fomes albus</i> (Lázaro Ibiza) Sacc. & Trotter, 1925, <i>Fomes cinnamomeus</i> (Trog) Fr., 1849, <i>Fomes lychneus</i> Lázaro Ibiza, 1916, <i>Fomes marginatus</i> (Pers.) Fr., 1849, <i>Fomes marginatus</i> f. <i>marginatus</i> (Pers.) Fr., 1849, <i>Fomes marginatus</i> f. <i>paludosus</i> f. <i>paludosus</i>	<i>Abies alba</i> (cemara perak, silver fir), <i>Abies amabilis</i> (Pacific silver fir), <i>Abies balsamea</i> (cemara balsam, balsam fir), <i>Abies borisii-regis</i> (king Boris fir), <i>Abies cephalonica</i> (Greek fir), <i>Abies concolor</i> (cemara putih, Rocky Mountain white fir), <i>Abies grandis</i> (grand fir), <i>Abies holophylla</i> (Manchurian fir), <i>Abies lasiocarpa</i> (rocky mountain fir), <i>Abies magnifica</i> (red fir), <i>Abies nephrolepis</i> (Khingán fir), <i>Abies nordmanniana</i> (Nordmann fir), <i>Abies procera</i> (noble fir), <i>Abies religiosa</i> (sacred fir), <i>Abies sachalinensis</i> (Sakhalin fir), <i>Abies sibirica</i> (Siberian fir), <i>Acer barbinerve</i> (bearded maple), <i>Acer macrophyllum</i> (broadleaf maple), <i>Acer mandshuricum</i> (Manchurian	akar (roots), batang (stems)	Africa: Egypt, Morocco America: Brazil, Canada, Guatemala, Mexico, USA Asia: Armenia, Azerbaijan, China, India, Iran, Israel, Japan, Kazakhstan, Nepal, Pakistan, Philippines, Taiwan, Thailand, Turkey, Uzbekistan Europe: Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Czechia, Denmark, Estonia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, Federated States of Micronesia

	<p>Murashk. Ex Pilát, 1936, <i>Fomes pini-halepensis</i> Pat. 1897, <i>Fomes pinicola</i> (Sw.) Fr., 1849, <i>Fomes pinicola</i> var. <i>marginatus</i> (Pers.) Overh., 1953, <i>Fomes pinicola</i> var. <i>pinicola</i> (Sw.) Fr., 1849, <i>Fomes subungulatus</i> Murrill, 1908, <i>Fomes thomsonii</i> (Berk.) Cooke, 1885, <i>Fomitopsis marginata</i> (Pers.) P. Karst., 1881, <i>Fomitopsis pinicola</i> f. <i>effusa</i> (Bourdot & Galzin) Domański, Orloś & Skirg., 1967, <i>Fomitopsis pinicola</i> f. <i>paludosa</i> (Murash. ek Pilát) Domański, Orloś & Skirg., 1967, <i>Fomitopsis pinicola</i> f. <i>pinicola</i> (Sw.) P. Karst., 1881, <i>Fomitopsis subungulata</i> (Murrill) Imazeki, 1943, <i>Friesia rubra</i> Lázaro Ibiza, 1916, <i>Ganoderma rubrum</i> (Lázaro Ibiza) Sacc. & Trotter, 1925, <i>Ischnoderma helveolum</i> (Rostk.) P. Karst., 1879, <i>Mensularia</i></p>	<p>maple), <i>Acer negundo</i> (box elder), <i>Acer pictum</i> (painted maple), <i>Acer platanoides</i> (Norway maple), <i>Acer pseudosieboldianum</i> (second endemic maple), <i>Acer tegmentosum</i> (Manchurian striped maple), <i>Acer ukurunduense</i>, <i>Aesculus hippocastanum</i> (horse chestnut), <i>Agathis</i> sp. (damar, dammara), <i>Alnus fruticosa</i>, <i>Alnus glutinosa</i> (European alder), <i>Alnus hirsuta</i> (Siberian alder), <i>Alnus incana</i> (grey alder), <i>Alnus japonica</i> (Japanese alder), <i>Alnus maximowiczii</i> (Montane alder), <i>Betula alleghaniensis</i> (yellow birch), <i>Betula papyrifera</i> (paper birch), <i>Betula cajanderi</i>, <i>Betula costata</i>, <i>Betula davurica</i> (mongolian birch), <i>Betula ermanii</i> (Erman's birch), <i>Betula lanata</i>, <i>Betula pendula</i> (common silver birch), <i>Betula platyphylla</i> (Manchurian birch), <i>Betula populifolia</i> (gray birch), <i>Betula pubescens</i></p>		
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	<p><i>alba</i> Lázaro Ibiza, 1916, <i>Mensularia marginata</i> (Pers.) Lázaro Ibiza, 1916, <i>Piptoporus helveolus</i> (Rostk.) P. Karst., 1882, <i>Placodes helveolus</i> (Rostk.) Quél., 1886, <i>Placodes marginatus</i> (Pers.) Quél., 1886, <i>Placodes pinicola</i> (Sw.) Pat., 1887, <i>Polyporus cinnamomeus</i> sensu Trog, 1832, <i>Polyporus helveolus</i> Rostk., 1838, <i>Polyporus marginatus</i> (Pers.) Fr. 1821, <i>Polyporus parvulus</i> (Lázaro Ibiza) Sacc. & Trotter, 1925, <i>Polyporus pinicola</i> (Sw.) Fr., 1821, <i>Polyporus pinicola</i> var. <i>pinicola</i> (Sw.) Fr., 1821, <i>Polyporus ponderosus</i> H. Schrenk, 1903, <i>Polyporus semiovatus</i> (Schaeff.) Britzelm., 1887, <i>Polyporus thomsonii</i> Berk., 1854, <i>Pseudofomes pinicola</i> (Sw.) Lázaro Ibiza, 1916, <i>Scindalma cinnamomeum</i> (Trog) Kuntze, 1898, <i>Scindalma marginatum</i></p>	<p>(Downy birch), <i>Betula schmidtii</i> (iron birch), <i>Calocedrus decurrens</i> (bastard cedar), <i>Carpinus betulus</i> (hornbeam), <i>Calocedrus formosana</i> (Taiwan incense-cedar), <i>Carpinus betulus</i> (hornbeam), <i>Carpinus cordata</i> (heart-leaved hornbeam), <i>Carya</i> (hickories), <i>Castanea</i> (chestnuts), <i>Catalpa bignonioides</i> (Southern catalpa), <i>Cedrus atlantica</i> (Atlas cedar), <i>Chamaecyparis nootkatensis</i> (Alaska cedar), <i>Corylus avellana</i> (hazel), <i>Crataegus</i> (hawthorns), <i>Cryptomeria japonica</i> (Japanese cedar), <i>Cunninghamia konishii</i>, <i>Cunninghamia lanceolata</i> (Chinese fir), <i>Fagus crenata</i> (Japanese beech), <i>Fagus grandifolia</i> (American beech), <i>Fagus sylvatica</i> (common beech), <i>Fraxinus commemoralis</i>, <i>Fraxinus excelsior</i> (ash), <i>Larix gmelinii</i> (Dahurian larch), <i>Larix</i></p>		
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	<p>(Pers.) Kuntze, 1898, <i>Scindalma semiovatum</i> (Schaeff.) Kuntze, 1898, <i>Scindalma thomsonii</i> (Berk.) Kuntze, 1898, <i>Trametes marginata</i> (Pers.) P. Karst., 1882, <i>Trametes pinicola</i> (Sw.) P. Karst., 1882, <i>Ungularia parvula</i> Lázaro Ibiza, 1916, <i>Ungulina marginata</i> (Pers.) Pat., 1900, <i>Ungulina marginata</i> f. <i>effusa</i> Bourdot & Galzin, 1925, <i>Ungulina marginata</i> f. <i>marginata</i> (Pers.) Pat., 1900, <i>Ungulina marginata</i> f. <i>paludosa</i> Pilát, 1936, <i>Ungulina marginata</i> f. <i>przibramensis</i> Pilát, 1929, <i>Ungulina marginata</i> f. <i>resupinata</i> Bourdot & Galzin, 1925, <i>Ungulina pinicola</i> (Sw.) Singer, 1929);</p> <p>[a]: - Fungi, Basidiomycota, Agaricomycetes, Polyporales, Fomitopsidaceae; brown crumbly rot, brown cubical heart rot of fir, brown</p>	<p><i>kaempferi</i> (Japanese larch), <i>Larix komarovii</i>, <i>Larix laricina</i> (American larch), <i>Larix lubarskii</i>, <i>Larix occidentalis</i> (western larch), <i>Larix sibirica</i> (Siberian larch), <i>Magnolia</i> spp., <i>Malus domestica</i> (apel, apple), <i>Malus sieversii</i>, <i>Malus sylvestris</i> (crab-apple tree), <i>Parrotia persica</i> (Persian ironwood), <i>Paulownia tomentosa</i> (paulownia), <i>Picea abies</i> (common spruce), <i>Picea engelmannii</i> (Engelmann spruce), <i>Picea glauca</i> (white spruce), <i>Picea glehnii</i> (Sakhalin spruce), <i>Picea jezoensis</i> (Yeddo spruce), <i>Picea koraiensis</i> (Korean spruce), <i>Picea mariana</i> (black spruce), <i>Picea obovata</i> (Siberian spruce), <i>Picea pungens</i> (blue spruce), <i>Picea schrenkiana</i> (schrenk's spruce), <i>Picea rubens</i> (red spruce), <i>Picea sitchensis</i> (Sitka spruce), <i>Picea schrenkiana</i> (schrenk's spruce), <i>Pinus contorta</i> (lodgepole pine), <i>Pinus edulis</i></p>		
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	rot of conifers, pinicola conk, red belt fungus, root rot conifers	(pinyon), <i>Pinus flexilis</i> (limber pine), <i>Pinus koraiensis</i> (fruit pine), <i>Pinus lambertiana</i> (big pine), <i>Pinus luchuensis</i> (luchu pine), <i>Pinus monophylla</i> (single-leaf pinyon pine), <i>Pinus mugo</i> (mountain pine), <i>Pinus nigra</i> (black pine), <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus sibirica</i> (Siberian stone pine), <i>Pinus strobus</i> (eastern white pine), <i>Pinus sylvestris</i> (Scots pine), <i>Pinus tabuliformis</i> (Chinese pine), <i>Pinus taiwanensis</i> (Taiwan pine), <i>Pinus uncinata</i> (mountain pine), <i>Picea engelmannii</i> (Engelmann spruce), <i>Picea pungens</i> (blue spruce), <i>Platanus occidentalis</i> (sycamore), <i>Platanus orientalis</i> (plane), <i>Populus balsamifera</i> (balm of Gilead), <i>Populus grandidentata</i> (bigtooth aspen), <i>Populus koreana</i> , <i>Populus maximowiczii</i> (Japanese poplar), <i>Populus nigra</i> (black poplar), <i>Populus suaveolens</i> (Mongolian poplar), <i>Populus</i>		
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		<p><i>tremula</i> (aspen (European)), <i>Populus tremula</i> var. <i> davidiana</i>, <i>Populus tremuloides</i> (trembling aspen), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasus</i> (sour cherry), <i>Prunus domestica</i> (plum), <i>Prunus dulcis</i> (almond), <i>Prunus maximowiczii</i> (miyana cherry), <i>Prunus padus</i> (bird cherry), <i>Prunus persica</i> (peach), <i>Prunus sachalinensis</i>, <i>Prunus salicina</i> (Japanese plum), <i>Prunus sargentii</i> (sargent's cherry), <i>Prunus serotina</i> (black cherry), <i>Prunus triloba</i> (Rose tree of China), <i>Pseudotsuga menziesii</i> (Douglas-fir), <i>Pyrus communis</i> (European pear), <i>Quercus robur</i> (common oak), <i>Quercus rubra</i> (northern red oak), <i>Robinia pseudoacacia</i> (black locust), <i>Salix alba</i> (white willow), <i>Salix caprea</i> (pussy willow), <i>Salix fragilis</i> (crack willow), <i>Salix hultenii</i>, <i>Salix rorida</i>, <i>Salix sachalinensis</i>,</p>		
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		<p><i>Salix urbaniana</i>, <i>Salix viminalis</i> (osier), <i>Sequoia sempervirens</i> (coast redwood), <i>Sorbus aucuparia</i> (mountain ash), <i>Sorbus intermedia</i> (Swedish whitebeam), <i>Thuja occidentalis</i> (eastern white cedar), <i>Thuja plicata</i> (western redcedar), <i>Tilia cordata</i> (small-leaf lime), <i>Tsuga canadensis</i> (eastern hemlock), <i>Tsuga heterophylla</i> (western hemlock), <i>Tsuga mertensiana</i> (Patton's hemlock), <i>Ulmus glabra</i> (mountain elm), <i>Vitis</i> spp. (anggur, grape) <i>Magnolia</i>, <i>Xanthocyparis nootkatensis</i> (Alaska cedar)</p>		
44.	<p>[s]: - [a]: <i>Fusarium chlamydosporum</i> Wollenw. & Reinking, 1925; (Syn. <i>Dactylium fusarioides</i> Gonz. Frag. & Cif., 1928, <i>Fusarium chlamydosporum</i> var. <i>chlamydosporum</i> Wollenw. & Reinking, 1925, <i>Fusarium chlamydosporum</i> var.</p>	<p><i>Agaricus bisporus</i> (button mushroom), <i>Coffea canephora</i> (kopi, coffee), <i>Dendrocalamus hamiltonii</i>, <i>Hordeum vulgare</i> (barli, barley), <i>Lens culinaris</i>, <i>Lupinus albus</i> (lupin putih, white lupin), <i>Morus</i> (mulberrytree), <i>Musa</i> spp. (pisang, banana), <i>Pennisetum glaucum</i> (pearl millet), <i>Pinus halepensis</i> (Aleppo pine), <i>Plumbago zeylanica</i>, <i>Pinus</i></p>	<p>akar (roots), batang (stems), biji (true seeds), media tanam (growing media associated with plants)</p>	<p>Africa: Algeria, Cameroon, Canary Islands, Egypt, Eswatini, Gambia, Guyana, Kenya, Libya, Malawi, Mozambique, Namibia, Niger, Nigeria, Sierra Leone, Tanzania, Zambia, Zimbabwe America: Barbados, Canada, Colombia, Jamaica, Samoa, USA, Venezuela Asia: Bangladesh, China, Hong Kong, India, Israel, Japan, Kuwait, Malaysia, Oman,</p>

	<p><i>fuscum</i> Gerlach, 1977, <i>Fusarium fusarioides</i> (Gonz. Frag. & Cif.) C. Booth, 1971, <i>Fusarium sporotrichioides</i> var. <i>chlamydosporum</i> (Wollenw. & Reinking) Joffe, 1974, <i>Pseudofusarium purpureum</i> Matsush., 1971);</p> <p>Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; wilt cotton</p>	<p><i>alepensis</i> (pinus, Aleppo pine), <i>Quercus griffithii</i> (paisang), <i>Quercus serrata</i> (glandbearing oak), <i>Sesamum indicum</i> (wijen, sesame), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Trifolium repens</i> (white clover), <i>Triticum aestivum</i> (gandum, wheat)</p>		<p>Pakistan, Papua Nugini, Saudi Arabia, Sri Lanka, Tanzania, Turkey, Uni Emirates Arab Europe: Bulgaria, Cyprus, Denmark, Germany, Italy, Netherlands, Portugal, United Kingdom Oceania: Australia, New Zealand, Papua Nugini, Samoa</p>
45.	<p>[s]: - [a]: <i>Fusarium oxysporum</i> f.sp. <i>elaedis</i> Schltdl.: Fr., 1824; (Syn. <i>Fusarium angustum</i> Sherb., 1915);</p> <p>Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; Fusarium wilt of oil palm, vascular oil palm wilt</p>	<p><i>Amaranthus spinosus</i> (bayam duri, spiny amaranth), <i>Chromolaena odorata</i> (kirinyuh, Siam weed), <i>Elaeis guineensis</i> (kelapa sawit, oilpalm), <i>Imperata cylindrica</i> (alang-alang, cogon grass)</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grain), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kayu (woods), media tanam (growing media associated with plants), polong (pods), tunas (shoots)</p>	<p>Africa: Benin, Cameroon, DR Congo, Ghana, Ivory Coast, Nigeria America: Brazil, Colombia, Ecuador</p>
46.	<p>[s]: -</p>	<p><i>Diplotaxis tenuifolia</i> (roket)</p>	<p>akar (roots), batang</p>	<p>America: USA</p>

	[a]: <i>Fusarium oxysporum</i> f.sp. <i>raphani</i> J.B. Kendr. & W.C. Snyder 1942; Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; wilt of radish	liar, wild rocket), <i>Eruca vesicaria</i> (arugula, purple-vein rocket), <i>Raphanus sativus</i> (lobak, radish)	(stems), bibit (seedlings), media tanam (growing media associated with plants)	Asia: Japan, Taiwan Europe: Netherlands
47.	[s]: - [a]: <i>Fusarium sporotrichioides</i> Sherb., 1915; (Syn. <i>Fusarium sporotrichiella</i> Bilai, 1953, <i>Fusarium sporotrichiella</i> var. <i>sporotrichiella</i> Bilai, 1953, <i>Fusarium sporotrichiella</i> var. <i>sporotrichioides</i> (Sherb.) Bilai, 1953, <i>Fusarium sporotrichioides</i> subsp. <i>minus</i> (Wollenw.) Raillo, 1950, <i>Fusarium sporotrichioides</i> subsp. <i>minus</i> (Wollenw.) Raillo, 1950, <i>Fusarium sporotrichioides</i> var. <i>minus</i> Wollenw., 1930, <i>Fusarium sporotrichioides</i> subsp. <i>sporotrichioides</i> Sherb., 1915, <i>Fusarium sporotrichioides</i> var.	<i>Astrophytum</i> spp., <i>Avena sativa</i> (oat, oats), <i>Glycine max</i> (kedelai, soyabean), <i>Hordeum vulgare</i> (barli, barley), <i>Juglans nigra</i> (black walnut), <i>Lolium perenne</i> (perennial ryegrass), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Opuntia ficus-indica</i> (prickly pear), <i>Opuntia</i> spp., <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus strobus</i> (eastern white pine), <i>Pisum sativum</i> (kacang kapri, pea), <i>Triticum aestivum</i> (gandum, wheat), <i>turfgrasses</i> , <i>Vigna unguiculata</i> (kacang panjang, cowpea, yardlong bean), <i>Zea mays</i> (jagung, corn, maize), <i>Zizania palustris</i> (northern wild rice)	batang (stems), biji (true seeds, grain), bunga (flowers, inflorescences, cones, calyx), media tanam (growing media associated with plants)	Africa: Egypt, Eswatini, Kenya, Nigeria, Sierra Leone, Somalia, South Africa, Tanzania America: Argentina, Barbados, Brazil, Canada, Chile, Guatemala, Guyana, Mexico, Puerto Rico, USA Asia: Armenia, Azerbaijan, Bahrain, China, Georgia, Hong Kong, India, Iran, Japan, Kazakhstan, Malaysia, Pakistan, South Korea, Thailand, Turkey, Uzbekistan Europe: Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovakia, Spain, Switzerland, Ukraine, United Kingdom

	<p><i>sporotrichiodes</i> Sherb., 1915); Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; kernel rot of maize, blight of grasses, foot rot of carnation</p>			Oceania: Australia, New Zealand, Papua Nugini
48.	<p>[s]: <i>Gaeumannomyces graminis</i> (Sacc.) Arx & D.L. Olivier, 1952; (Syn. <i>Gaeumannomyces cariceti</i> (Berk. & Broome) Lar.N. Vassiljeva, 1988), <i>Gaeumannomyces graminis</i> var. <i>avenae</i> (E.M. Turner) Dennis, 1960, <i>Gaeumannomyces graminis</i> var. <i>graminis</i> (Sacc.) Arx & D.L Olivier, 1952, <i>Gaeumannomyces graminis</i> var. <i>maydis</i> J.M. Yao, Yong C. Wang & Y.G. Zhu, 1992, <i>Gaeumannomyces graminis</i> var. <i>tritici</i> J. Walker, 1972, <i>Gaeumannomyces oryzinus</i> (Sacc.) Schrantz, 1961, <i>Linocarpon oryzinum</i> (Sacc.) Petr.,</p>	<p><i>Avena</i> spp. (oat, oats), <i>Cynodon</i> spp. (quick grass), <i>Cynodon dactylon</i> (rumput Bermuda, Bermuda grass), <i>Eremochloa ophiuroides</i> (centipede grass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Secale</i>, <i>Pennisetum clandestinum</i> (kikuyu grass), Poaceae, <i>Stenotaphrum secundatum</i> (rumput steno, <i>Saint Augustine grass</i>), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), <i>Zizania</i> spp. (wild rice), <i>Zoysia japonica</i> (zoysiagrass)</p>	akar (roots), batang (stems), daun (leaves)	Africa: Egypt, South Africa America: Cuba, Peru, USA Asia: China, India, Philippines

	<p>1952, <i>Ophiobolus graminis</i> var. <i>avenae</i> E.M. Turner, 1941, <i>Ophiobolus graminis</i> (Sacc) Sacc., 1875, <i>Ophiochaeta graminis</i> (Sacc.) Hara, 1916, <i>Ophiobolus graminis</i> var. <i>luzulae</i> Klika, 1923, <i>Ophiobolus oryzinus</i> Sacc., 1961, <i>Ophiobolus graminis</i> var. <i>graminis</i> (Sacc.) Sacc., 1875, <i>Rhaohidiophora Cariceta</i> (Berk. & Broome) Cooke, <i>Rhaphidiophora graminis</i> Sacc., 1875, <i>Sphaeria cariceti</i> Berk. & Broome, 1861);</p> <p>[a]: - Fungi, Ascomycota, Sordariomycetes, Magnaporthales, Magnaporthaceae; crown sheath rot, crown sheath rot of rice, patch disease of turf</p>			
49.	<p>[s]: <i>Gibberella avenacea</i> R.J. Cook, 1967; [a]: <i>Fusarium avenaceum</i> (Fr.) Sacc., 1886;</p>	<p><i>Abies balsamea</i> (balsam fir), <i>Acacia nilotica</i> (gum arabic tree), <i>Albizia julibrissin</i> (silk tree), <i>Allium porrum</i> (bawang</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), benih (true</p>	<p>Africa: Egypt, Ethiopia, Kenya, South Africa, Tunisia America: Argentina, Brazil, Canada, Chile, Mexico, Puerto</p>

	<p>(Syn. <i>Fusarium avenaceum</i> Fr., 1832, <i>Fusarium avenaceum</i> f. <i>avenaceum</i> (Fr.) Sacc., 1886, <i>Fusarium avenaceum</i> f. <i>fabalis</i> X.Y. Ruan, Y.M. Jiang, W. Luo & J.H. Wang, 1982, <i>Fusarium avenaceum</i> f. <i>fabarum</i> X.Y. Ruan, Y.M. Jiang, W. Luo & J.H. wang, 1982, <i>Fusarium avenaceum</i> f. <i>fabae</i> (T.F. Yu) W. Yamam., 1955, <i>Fusarium avenaceum</i> subsp. <i>avenaceum</i> (Fr.) Sacc., 1886, <i>Fusarium avenaceum</i> subsp. <i>volutum</i> (Wollenw.) Raillo., 1950, <i>Fusarium avenaceum</i> var. <i>avenaceum</i> (Fr.) Sacc., 1886, <i>Fusarium avenaceum</i> var. <i>fabae</i> T.F. Yu, 1944, <i>Fusarium avenaceum</i> var. <i>herbarum</i> (Corda) Bilai., 1955, <i>Fusarium avenaceum</i> var. <i>pallens</i> Wollenw., 1924, <i>Fusarium avenaceum</i> var.</p>	<p>daun, leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Armoracia rusticana</i> (horseradish), <i>Asparagus officinalis</i> (asparagus), <i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> (bit, beetroot), <i>Betula pendula</i> (common silver birch), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica oleracea</i> var. <i>botrytis</i> (kembang kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Calendula officinalis</i> (Pot marigold), <i>Carum carvi</i> (caraway), <i>Chrysanthemum</i> spp. (krisan, daisy), <i>Cicer arietinum</i> (chickpea), <i>Consolida ambigua</i> (rocket larkspur), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i> (labu, zukini, zucchini), <i>Cyamopsis tetragonoloba</i> (guar), <i>Dactylis glomerata</i> (cocksfoot), <i>Daucus carota</i> (wortel, carrot),</p>	<p>seeds, grains) buah (fruits), bunga (flowers, inflorescences, cones, calyx), polong (pods), tunas (shoots)</p>	<p>Rico, Peru, Trinidad and Tobago, USA, Venezuela Asia: China, Georgia, India, Iran, Iraq, Israel, Japan, Kazakhstan, Republic of Korea (South Korea), Lebanon, Malaysia, Sri Lanka, Taiwan, Turkey, Uzbekistan Europe: Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Croatia, Czechia, Federal Republic of Yugoslavia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand, Papua Nugini</p>
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	<p><i>volutum</i> (Wollenw.) Wollenw. & Reinking, 1935, <i>Fusarium graminum</i> var. <i>herbarum</i> (Corda) Wollenw., 1930, <i>Fusarium herbarum</i> var. <i>avenaceum</i> (Fr.) Wollenw., 1930, <i>Fusarium herbarum</i> var. <i>volutum</i> Wollenw., 1930, <i>Fusarium herbarum</i> (Corda) Fr., 1849, <i>Fusarium herbarum</i> var. <i>herbarum</i> (Corda) Fr., 1849, <i>Fusarium paspali</i> Hennings, <i>Fusarium roseum</i> f. sp. <i>cerealis</i> 'Avenaceum' (Cooke) Snyder & Hansen, <i>Fusarium roseum</i> var. <i>avenaceum</i> (Fries) W.C. Snyder & H.N Hansen, <i>Solenosporium herbarum</i> Corda, 1839); Fungi, Ascomycota, Sordariomycetes; Hypocreales, Nectriaceae; Fusarium blight, head blight, stem base disease, scab, foot rot of cereals, seedling blight of cereals, stalk rot of maize</p>	<p><i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Eucalyptus obliqua</i> (messmate stringybark), <i>Eucalyptus radiata</i>, <i>Fagus sylvatica</i> (common beech), <i>Foeniculum vulgare</i> (fennel), <i>Fragaria vesca</i> (wild strawberry), <i>Fraxinus excelsior</i> (ash), <i>Fritillaria</i>, <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Helianthus annuus</i> (bunga matahari, sun flower), <i>Hordeum vulgare</i> (barli, barley), <i>Hosta</i>, <i>Ipomea batatas</i> (ubi jalar, sweet potato), <i>Juglans regia</i> (walnut), <i>Laburnum anagyroides</i> (laburnum), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Linum usitatissimum</i> (flax), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Lupinus</i> (lupins), <i>Lupinus luteus</i> (yellow lupin), <i>Malus domestica</i> (apel, apple), <i>Medicago littoralis</i> (strand medick), <i>Medicago rugosa</i>,</p>		
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		<p><i>Medicago sativa</i> (alfalfa, lucerne), <i>Medicago tribuloides</i> (barrel medic), <i>Miscanthus × giganteus</i>, <i>Morus</i> (mulberry tree), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Onobrychis viciifolia</i> (sainfoin), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panax quinquefolius</i> (American ginseng), <i>Persea americana</i> (alpukat, avocado), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Picea abies</i> (common spruce), <i>Pinus nigra</i> (black pine), <i>Pinus sylvestris</i> (Scots pine), <i>Piper betle</i> (betel pepper), <i>Pisum sativum</i> (kacang kapri, pea), <i>Populus deltoides</i> (poplar), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus persica</i> var. <i>nucipersica</i> (nectarine), <i>Pseudotsuga menziesii</i> (Douglas-fir), <i>Pteridium aquilinum</i> (bracken), <i>Pyrus communis</i> (pir, pear), <i>Rubus idaeus</i> (raspberry), <i>Secale cereale</i> (gandum hitam, rye),</p>		
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		<p><i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Strelitzia reginae</i> (Queens bird-of-paradise), <i>Theobroma cacao</i> (kakao, cocoa), <i>Trifolium fragiferum</i> (strawberry clover), <i>Trifolium pratense</i> (red clover), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Trifolium subterraneum</i> (subterranean clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum turgidum</i> (durum wheat), <i>Vicia</i>, <i>Vicia</i> (vetch), <i>Vicia faba</i> (kacang babi, faba bean), <i>Zea mays</i> (jagung, corn, maize)</p>		
50.	<p>[s]: <i>Gibberella circinata</i> Nirenberg & O'Donnell ex Britz, T.A. Cout., M.W. Wingf. & Marasas 2002; [a]: <i>Fusarium circinatum</i> Nirenberg & O'Donnell, 1998; (Syn. <i>Fusarium subglutinans</i> f.sp. <i>pini</i> J.C. Correll, T.R. Gordon, A.H. McCain, J.W. Fox, C.S. Koehler, D.L. Wood & M.E. Schultz, 1991);</p>	<p><i>Cymbidium</i> spp., <i>Festuca arundinacea</i> (tall fescue), <i>Holcus lanatus</i> (common velvet grass), <i>Musa acuminata</i> (wild banana), <i>Pinus Arizonica</i> (Arizona pine), <i>Pinus attenuata</i> (knobcode pine), <i>Pinus ayacahuite</i> (Mexican white pine), <i>Pinus canariensis</i> (canary pine), <i>Pinus cembroides</i> (Mexican pine), <i>Pinus clausa</i> (sand pine), <i>Pinus contorta</i> (lodgepole</p>	<p>akar (roots), batang ((stems (above grounds), trunks, branches), bibit (seedlings), biji (true seeds, grain), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kayu (woods), kulit kayu (bark), media tanam (growing medium</p>	<p>Africa: South Africa America: Brazil, Chile, Colombia, Guatemala, Haiti, Mexico, USA, Uruguay Asia: Japan, Republic of Korea (South Korea) Europe: Portugal, Spain</p>

	<p>Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; pitch canker, pitch canker of pine</p>	<p>pine), <i>Pinus coulteri</i> (big-cone pine), <i>Pinus densiflora</i> (Japanese umbrella pine), <i>Pinus discolor</i> (border pinyon pine), <i>Pinus douglasiana</i>, <i>Pinus durangensis</i> (Durango pine), <i>Pinus echinata</i> (shortleaf pine), <i>Pinus elliotii</i> (slash pine), <i>Pinus estevezii</i>, <i>Pinus glabra</i> (spruce pine), <i>Pinus greggii</i> (Gregg's pine), <i>Pinus halepensis</i> (Aleppo pine), <i>Pinus hartwegii</i> (Hartweg pine), <i>Pinus leiophylla</i> (smooth-leaved pine), <i>Pinus luchuensis</i> (luchu pine), <i>Pinus maximinoi</i> (thin-leaf pine), <i>Pinus michoacana</i> (Michoacan pine), <i>Pinus montezumae</i> (Montezuma pine), <i>Pinus muricata</i> (bishop pine), <i>Pinus oaxacana</i>, <i>Pinus occidentalis</i> (Haitian pine), <i>Pinus oocarpa</i> (ocote pine), <i>Pinus palustris</i> (longleaf pine), <i>Pinus patula</i> (Mexican weeping pine), <i>Pinus pinaster</i> (maritime pine), <i>Pinus pinea</i> (stone pine), <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus</i></p>	<p>accompanying plants), daun (leaves), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)</p>	
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		<p><i>pringlei</i>, <i>Pinus pseudostrobus</i> (pseudostrobus pine), <i>Pinus pungens</i> (table mountain pine), <i>Pinus radiata</i> (radiata pine), <i>Pinus rigida</i> (pitch pine), <i>Pinus sabiniana</i> (digger pine), <i>Pinus serotina</i> (pond pine), <i>Pinus strobus</i> (eastern white pine), <i>Pinus sylvestris</i> (Scots pine), <i>Pinus taeda</i> (loblolly pine), <i>Pinus thunbergii</i> (Japanese black pine), <i>Pinus torreyana</i> (torrey pine), <i>Pinus virginiana</i> (scrub pine), <i>Pseudotsuga menziesii</i> (Douglas-fir)</p>		
51.	<p>[s]: <i>Gibberella xylarioides</i> R. Heim & Saccas, 1950; [a]: <i>Fusarium xylarioides</i> Steyaert, 1948 (Syn. <i>Fusarium lateritium</i> f. sp. <i>xylarioides</i> W.L. Gordon, 1965, <i>Fusarium oxysporum</i> f. <i>xylarioides</i> (Steyaert) Delassus, 1954); Fungi, Ascomycota, Sordariomycetes; Hypocreales, Nectriaceae; coffee wilt, sudden death of coffee, vascular wilt of coffee,</p>	<p><i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (Arabica coffee), <i>Coffea canephora</i> (Robusta coffee), <i>Coffea liberica</i> (Liberian coffee tree), <i>Gossypium barbadense</i> (kapas, cotton), <i>Gossypium</i> spp., <i>Musa paradisiaca</i> (pisang, banana), <i>Solanum lycopersicum</i> (tomat, tomato)</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings), micropropagated plants, kayu (woods), kulit kayu (bark), media tanam (growing media associated with plants)</p>	<p>Africa: Angola, Burkina Faso, Central African Republic, DR Congo, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Niger, Nigeria, Senegal, South Africa, Sudan, Tanzania, Togo, Uganda, Zimbabwe</p>

	Tracheomycosis of coffee			
52.	<p>[s]: - [a]: <i>Gloeocercospora sorghi</i> D.C. Bain & Edgerton ex Deighton, 1971; (Syn. <i>Gloeocercospora sorghi</i> D.C. Bain & Edgerton, 1943, <i>Microdochium sorghi</i> (D.C. Bain & Edgerton ex Deighton) U. Braun, 1995, <i>Ramulispora andropogonis</i> Miura, 1920, <i>Titaeospora andropogonis</i> F.L. Tai, 1932); Fungi, Ascomycota, Sordariomycetes; Xilariales; zonate leaf spot, copper spot of turf, zonate leaf spot of maize, zonate leaf spot of sorghum</p>	<p><i>Agrostis capillaris</i> (brown bentgrass), <i>Agrostis stolonifera</i> var. <i>palustris</i> (bent grass), <i>Cynodon dactylon</i> (rumput Bermuda, Bermuda grass), <i>Pennisetum glaucum</i> (pearl millet), <i>Pennisetum purpureum</i> (elephant grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Zea mays</i> (jagung, corn, maize)</p>	<p>biji (true seeds), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tanaman (whole plant)</p>	<p>Africa: Benin, Burkina Faso, Central African Republic, Chad, Republic of the Congo, Eritrea, Ethiopia, Gambia, Ghana, Kenya, Mali, Niger, Nigeria, Rwanda, Senegal, Somalia, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Belize, Brazil, El Salvador, Guatemala, Haiti, Mexico, Nicaragua, Panama, USA, Uruguay, Venezuela Asia: China, DPR Korea (North Korea), India, Japan, Malaysia, Philippines, Taiwan, Thailand Europe: Russia Oceania: American Samoa, Australia, Samoa, Tonga</p>
53.	<p>[s]: <i>Glomerella graminicola</i> D. J. Politis, 1975; (Syn. <i>Dicladium graminicola</i> Ces., 1852), <i>Steirochaete graminicola</i> (Ces.) Sacc., 1886, <i>Vermicularia melicae</i> Fuckel, 1874;</p>	<p><i>Avena sativa</i> (oat, oats), <i>Hordeum vulgare</i> (barli, barley), Poaceae (grasses), <i>Secale cereale</i> (rye), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Triticum</i> spp., <i>Triticum aestivum</i> (gandum, wheat),</p>	<p>batang (stems (above ground), trunks, branches), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots)</p>	<p>Africa: Angola, Botswana, Burkina Faso, Burundi, Cameroon, Chad, Egypt, Eritrea, Eswatini, Ethiopia, Ghana, Guinea, Ivory Coast, Kenya, Lesotho, Libya, Malawi, Mali, Mauritius, Mozambique, Niger, Nigeria, Rwanda, Sierra Leone,</p>

<p>[a]: <i>Colletotrichum graminicola</i> (Ces.) G. W. Wilson, 1914; (Syn. <i>Colletotrichum graminicola</i> var. <i>zonatum</i> Rajasab & Ramal., 1981, <i>Colletotrichopsis graminicola</i> (Ces.) Munt.-Cvetk., 1952, <i>Colletotrichum graminicola</i> f. <i>graminicola</i> (Ces.) G. W. Wilson, 1914, <i>Colletotrichum graminicola</i> var. <i>graminicola</i> (Ces.) G. W. Wilson, 1914); Fungi, Ascomycota, Sordariomycetes, Glomerellales, Glomerellaceae; red stalk rot of cereals, anthracnose of cereals, anthracnose stalk rot, cereals leaf spot, cereals seedling blight, corn anthracnose, grain anthracnose, leaf blight of maize, leaf spot of cereals, maize leaf blight, maize stalk rot, panicle anthracnose, seedling blight of cereals, stalk rot of maize</p>	<p><i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn)</p>		<p>Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Cuba, Trinidad and Tobago, USA, Uruguay Asia: Bhutan, China, Hong Kong, India, Japan, Malaysia, Nepal, Pakistan, Philippines, Taiwan, Thailand Europe: Austria, Azerbaijan, Bosnia and Herzegovina, Croatia, Czechia, Finland, France, Germany, Italy, Moldova, Montenegro, Portugal, Romania, Serbia, Slovakia, Slovenia, Switzerland, United Kingdom Oceania: Australia, New Caledonia, New Zealand, Papua New Guinea</p>
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54.	<p>[s]: <i>Guignardia citricarpa</i> Kiely, 1948; [a]: <i>Phyllosticta citricarpa</i> (McAlpine) Aa, 1973; (Syn. <i>Leptodothiorella</i> sp., <i>Phoma citricarpa</i> McAlpine, 1899, <i>Phyllostictina citricarpa</i> (McAlpine) Petr., 1953); Fungi, Ascomycota, Dothideomycetes, Botryosphaeriales, Botryosphaeriaceae; citrus black spot, freckle spot of virus, hard spot of citrus, shot-hole of citrus, speckled blotch of citrus, virulent spot of citrus</p>	<p><i>Citrus</i> spp. (jeruk, orange), <i>Citrus limon</i> (lemon, lemon), <i>Citrus reticulata</i> (Mandarin), <i>Citrus sinensis</i> (navel orange)</p>	<p>batang (stems (above grounds), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Africa: Angola, Ghana, Kenya, Mozambique, Namibia, South Africa, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Cuba, USA, Uruguay Asia: Bhutan, China, Hong Kong, India, Philippines, Taiwan Europe: Russia Oceania: Australia</p>
55.	<p>[s]: <i>Guignardia endophyllicola</i> Okane, Nakagiri & Tad. Ito, 2001; (Syn. <i>Guignardia mangiferae</i> A.J. Roy, 1968); [a]: <i>Phyllosticta capitalensis</i> Henn., 1908; (Syn. <i>Macrophoma theicola</i> Siemaszko, 1923, <i>Phyllosticta cymbidi</i></p>	<p>Orchidaceae (anggrek, orchids)</p>	<p>bunga (inflorescences), daun (leaves), tangkai</p>	<p>Africa: Mauritius, Niger America: Brazil, Hawaii Asia: Bhutan, Brunei Darussalam, India, Malaysia, Myanmar Europe: United Kingdom</p>

	<p>Sawada, 1943, <i>Phyllosticta phalenopsidis</i> Marchal & Verpl., Bull. 1927, <i>Phyllosticta</i> <i>phalenopsidis</i> var. <i>vanillae</i> Verpl. & Claess., 1934, <i>Phyllostictina pyriformis</i> E.K. Cash & A.M.J. Watson, 1955); Fungi, Ascomycota, Dothideomycetes, Botryosphaerales, Phyllostictaceae; leaf spot</p>			
56.	<p>[s]: <i>Helicobasidium</i> <i>purpureum</i> (Tul.) Pat. (1885), (Syn. <i>Helicobasidium</i> <i>brebissonii</i> (Desm.) Donk, 1958, <i>Helicobasidium</i> <i>brebissonii</i> f. <i>barlae</i> Wojewoda, 1977, <i>Helicobasidium</i> <i>brebissonii</i> f. <i>brebissonii</i> (Desm.) Donk, 1958, <i>Helicobasidium</i> <i>purpureum</i> var. <i>barlae</i> Bres., 1909, <i>Helicobasidium</i> <i>purpureum</i> var. <i>barlae</i></p>	<p><i>Araucaria cunninghamii</i>, <i>Beta</i> <i>vulgaris</i> (bit, sugar beet), <i>Cichorium intybus</i> (cichory), <i>Daucus carota</i> (wortel, carrot), <i>Daucus carota</i> var. <i>sativus</i>, <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Morus</i> spp. (murbei, mulberry), <i>Rosa</i> <i>multiflora</i>, <i>Solanum</i> <i>tuberosum</i> (kentang, potato)</p>	<p>akar (roots), batang (stems), umbi (tubers)</p>	<p>Africa: Algeria, Ethiopia, Kenya, Malawi, Morocco, South Africa, Tanzania, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, Canada, Colombia, Dominica, Mexico, Trinidad and Tobago, USA, Uruguay Asia: Bangladesh, China, India, Iran, Japan, Myanmar, Philippines, Turkey, Vietnam Europe: Austria, Belgium, Bosnia and Cyprus, Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, France, Germany, Greece,</p>

	<p>Pat., 1886, <i>Helicobasidium purpureum</i> var. <i>orientale</i> Pat., 1920, <i>Helicobasidium purpureum</i> var. <i>purpureum</i> (Tul.) Pat., 1885; [a]: <i>Tuberculina persicina</i> (Ditmar) Sacc., 1881; (Syn. <i>Cordalia persicina</i> (Ditmar) Gobi, 1885, <i>Corticium sanguineum</i> var. <i>lilacinum</i> Quél., 1888, <i>Helicobasis purpureus</i> (Tul.) Clem. & Shear, 1931, <i>Helminthosporium rhizoctonon</i> Rabenh. (1855), <i>Hypochnus purpureus</i> Tul., 1865, <i>Hypochnus violaceus</i> Erikss. (1912), <i>Protonema brebissonii</i> Desm., 1834, <i>Rhizoctonia allii</i> L. Graves, 1830, <i>Rhizoctonia asparagi</i> Fuckel ex Erikss., 1915, <i>Rhizoctonia asparagi</i> Fuckel, 1870, <i>Rhizoctonia crocorum</i> (Pers.) DC., 1815,</p>			<p>Hungary, Ireland, Italy, Latvia, Montenegro, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Scotland, Serbia, Slovakia, Slovenia, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
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	<p><i>Rhizoctonia medicaginis</i> DC., 1815, <i>Rhizoctonia rubiae</i> M. J. Decne., 1837, <i>Rhizoctonia violacea</i> Tul. & C. Tul., 1851, <i>Rhizoctonia violacea</i> f. <i>dauci</i> J. G. Kühn, 1875, <i>Rhizoctonia violacea</i> f. <i>violacea</i> Tul. & C. Tul., 1851, <i>Sclerotium crocorum</i> Pers., 1801, <i>Thanatophytum crocorum</i> (Pers.) Nees, 1816, <i>Tuber parasiticum</i> Bull., 1791, <i>Tubercularia persicina</i> Ditmar, 1817, <i>Tuber croci</i> Dubois, (1803); <i>Tuber parasiticum</i> Bull., (1790); Fungi, Basidiomycota, Pucciniomycetes, Helicobasidiales, Helicobasidiaceae; violet root rot</p>			
57.	<p>[r]: <i>Hemileia coffeicola</i> Maubl. & Roger, (1934); (Syn. <i>Uredo coffeicola</i>, (1934)); Fungi, Basidiomycota, Pucciniomycetes, Pucciniales; grey rust of coffee, powdery</p>	<i>Coffea</i> spp. (kopi, coffee)	daun (leaves)	Africa: Cameroon, Central Africa, DR Congo, Ivory Coast, Nigeria, Sao Tome and Principe, Togo, Uganda

	rust of coffee, coffee rust			
58.	[s]: <i>Laetiporus baudonii</i> (Pat.) Ryvardeen, 1991; (Syn. <i>Cladoporus baudonii</i> (Pat.) Teixeira, 1994, <i>Pseudophaeolus baudonii</i> (Pat.) Ryvardeen, 1975, <i>Polyporus baudonii</i> Pat., 1914); [a]: - Fungi, Basidiomycota, Agaricomycetes, Polyporales, Fomitopsidaceae; root rot	<i>Manihot esculenta</i> (ubi kayu, cassava)	akar (roots), batang (stems), umbi (tubers)	Africa: Ghana, Kenya, Madagascar, Niger, Nigeria
59.	[s]: <i>Magnaporthiopsis maydis</i> (Samra, Sabet & Hing.) Klaubauf, Lebrun & Crous, 2014; [a]: <i>Cephalosporium maydis</i> Samra, Sabet & Hing. 1963; (Syn. <i>Harpophora maydis</i> (Samra, Sabet & Hing.) W. Gams 2000); Fungi, Ascomycota, Sordariomycetes, Magnaporthales, Magnaporthaceae; late wilt of maize	<i>Lupinus albus</i> var. <i>albus</i> , <i>Zea mays</i> (jagung, corn, maize)	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)	Africa: Egypt, Kenya Asia: India Europe: Hungary
60.	[s]: -	<i>Fragaria</i> spp., <i>Bambusa</i> spp.,	batang (stems), media	Africa: Egypt, Ethiopia, Kenya,

<p>[a]: <i>Paraconiothyrium fuckelii</i> (Sacc.) Verkley & Gruyter, 2012; Syn. <i>Clisporium fuckelii</i> (Sacc.) Kuntze, 1898, <i>Coniothyrium fuckelii</i> Sacc., 1878, <i>Coniothyrium fuckelii</i> f. <i>ampelospidis-hederaceae</i> Sacc., 1878, <i>Coniothyrium fuckelii</i> var. <i>cecidophilum</i> C. Massal., 1914, <i>Coniothyrium fuckelii</i> f. <i>corrigiolae</i> Gonz. Frag., 1924, <i>Coniothyrium fuckelii</i> var. <i>distcha</i> Sacc., 1925, <i>Coniothyrium fuckelii</i> f. <i>fuckelii</i> Sacc., 1878, <i>Coniothyrium fuckelii</i> var. <i>fuckelii</i> Sacc., 1878, <i>Coniothyrium fuckelii</i> f. <i>pinastri</i> Gonz. Frag., 1917, <i>Coniothyrium fuckelii</i> f. <i>pinastri</i> Gonz. Frag., 1925, <i>Coniothyrium fuckelii</i> var. <i>ribis-aurei</i> Gonz. Frag., 1917, <i>Coniothyrium fuckelii</i> f. <i>robiniae-pseudoacaciae</i> Sacc., 1878, <i>Coniothyrium fuckelii</i> f. <i>rosarum</i> Sacc.,</p>	<p><i>Juniperus</i> spp., <i>Malus domestica</i> (apel, apple), <i>Pinus sylvestris</i>, <i>Ribes</i> spp., <i>Rubus</i> spp., <i>Rosa</i> spp. (mawar, rose), <i>Taxus</i> spp., <i>Thuja</i> spp., <i>Vaccinium</i> spp.</p>	<p>tanam (growing media associated with plants), tanaman (whole plant)</p>	<p>Libya, Malawi, Mauritius, Morocco, Namibia, Nigeria, Sierra Leone, Sudan, Tanzania, Uganda, South Africa, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Colombia, Cuba, Ecuador, Honduras, Puerto Rico, USA, Venezuela Asia: Bangladesh, Brunei Darussalam, China, Hong Kong, India, Israel, Iran, Iraq, Japan, Kuwait, Malaysia, Myanmar, Nepal, Pakistan, Saudi Arabia, Singapore, Sri Lanka, Thailand, Turkey, Turkmenistan, Vietnam Europe: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Russia, Serbia, Slovakia, Slovenia, United Kingdom Oceania: Australia, Fiji, New Zealand, Papua New Guinea, Tonga</p>
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	<p>1878, <i>Coniothyrium fuckelii</i> f. <i>thesii</i> Unamuno, 1934, <i>Coniothyrium fuckelii</i> f. <i>ziziphi</i> Sacc., Sacc., 1913, <i>Diapleella coniothyrium</i> (Fuckel) M. E. Barr, 1986, <i>Kalmusia coniothyrium</i> (Fuckel) Huhndrof, 1992, <i>Leptosphaeria berberidis</i> Richon, 1889, <i>Leptosphaeria coniothyrium</i> (Fuckel) Sacc., 1875, <i>Leptosphaeria coniothyrium</i> f. <i>berberidis</i> (Richon) Cif., 1922, <i>Leptosphaeria coniothyrium</i> var. <i>coniothyrium</i> (Fuckel) Sacc., 1875, <i>Leptosphaeria coniothyrium</i> f. <i>coniothyrium</i> (Fuckel) Sacc., 1875, <i>Leptosphaeria coniothyrium</i> var. <i>foliicola</i> Woron., 1913, <i>Melanomma coniothyrium</i> (Fuckel) L. Holm, 1957,</p>			
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	<p><i>Microsphaeropsis fuckelii</i> (Sacc.) Boerema, 2003, <i>Septoria sarmenti</i> Sacc., 1883); Fungi, Ascomycota, Dothideomycetes, Pleosporales, Montagnulaceae; cane blight, rose blight, apple canker, pine needle blight, rose stem canker</p>			
61.	<p>[s]: <i>Marasmiellus cocophilus</i> Pegler, 1969; [a]: - Fungi, Basidiomycota, Agaricomycetes, Agaricales, Omphalotaceae; basal stem break, lethal bole rot of coconut</p>	<p><i>Cocos nucifera</i> (kelapa, coconut), <i>Cynodon dactylon</i> (rumput Bermuda, Bermuda grass), <i>Echinochloa colona</i> (rumput bebek, jungle rice), <i>Eleusine indica</i> (rumput belulang, goose grass)</p>	<p>akar (roots), batang (stems (above ground), trunks, btanches), buah (fruits), daun (leaves), kayu (wood), polong (pods), tunas (shoots)</p>	<p>Africa: Kenya, Tanzania Oceania: Solomon Islands</p>
62.	<p>[s]: <i>Marasmiellus inoderma</i> (Berk.) Singer, 1955; (Syn. <i>Chamaeceras inodermus</i> (Berk.) Kuntze, 1898, <i>Marasmius inoderma</i> Berk., 1851); [a]: - Fungi, Basidiomycota, Agaricomycetes, Agaricales, Omphalotaceae; crown rot of rice, pre-emergence shoot rot, root rot</p>	<p><i>Cocos nucifera</i> (kelapa, coconut), <i>Colocasia esculenta</i> (talas, taro), <i>Musa</i> spp. (pisang, banana), Orchidaceae (anggrek, orchids), <i>Oryza sativa</i> (padi, paddy, rice), <i>Zea mays</i> (jagung, corn, maize)</p>	<p>akar (roots), batang (stems), daun (leaves), media tanam (growing media associated with plants)</p>	<p>Africa: Egypt Asia: Singapore Oceania: American Samoa, Samoa</p>

	of maize, sheath rot of maize			
63.	[r]: <i>Melampsora allii-populina</i> Kleb., 1902; (Syn. <i>Melampsora allii-populina</i> f. <i>allii-populina</i> Kleb., 1902, <i>Puccinia allii-populina</i> (Kleb.) Gombkötö, Iváncsics, Latos Németh & P. Reisinger, 2011, <i>Uredo allii-populina</i> Arthur, 1906); Basidiomycota, Pucciniomycetes, Pucciniales, Melampsoraceae; rust of garlic, rust of onion	<i>Allium</i> , <i>Allium ampeloprasum</i> (wild leek), <i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i> var. <i>agregatum</i> (bawang merah, shallot), <i>Allium chinense</i> (spring onion), <i>Allium fistulosum</i> (welsh onion), <i>Allium porrum</i> (leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Allium schoenoprasum</i> (chives), <i>Allium tuberosum</i> (Oriental garlic), <i>Allium vineale</i> (crow garlic), <i>Populus</i> (poplars)	biji (true seeds), daun (leaves), umbi (bulbs)	Africa: Algeria, Egypt, Ethiopia, Kenya, Libya, Mauritius, Morocco, Mozambique, South Africa, Tanzania, Tunisia, Uganda, Zimbabwe America: Argentina, Brazil, Canada, Chile, Guatemala, Mexico, Uruguay, USA Asia: Armenia, Azerbaijan, China, DPR Korea, India, Iran, Iraq, Israel, Japan, Kazakhstan, Kyrgystan, Lebanon, Myanmar, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan, Thailand, Turkmenistan, Uzbekistan, Yemen Europe: Austria, Bulgaria, Cyprus, Czech Republic, Czechoslovakia, Denmark, Estonia, Finland, Greece, Hungary, Ireland, Italy, Latvia, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom Oceania: Australia, New Zealand
64.	[s]: <i>Microbotryum antherarum</i>	Caryophyllaceae, <i>Cerastium</i> ,	biji (true seeds),	America: Canada, Mexico, USA

	<p>(DC.) Lév., 1847; (Syn. <i>Microbotryum violaceum</i> (Pers.) G. Deml & Oberw., 1982, <i>Uredo antherarum</i> DC., 1815, <i>Uredo antherarum</i> var. <i>antherarum</i> DC., 1815, <i>Uredo violacea</i> Pers., 1797, <i>Ustilago antherarum</i> (DC.) Fr., 1832, <i>Ustilago silenes-nutantis</i> (DC.) Liro, 1924, <i>Ustilago violacea</i> (Pers.) Roussel, 1806, <i>Ustilago violacea</i> f. <i>violacea</i> (Pers.) Roussel, 1806, <i>Ustilago violacea</i> var. <i>silenes-nutantis</i> (DC.) Durrieu & Zambett., 1973, <i>Ustilago violacea</i> var. <i>violacea</i> (Pers.) Roussel, 1806); [a]: <i>Caeoma antherarum</i> (DC.) Nees, 1816; (Syn. <i>Caeoma violaceum</i> (Pers.) Nees, 1816, <i>Erysibe antherarum</i> (DC.) Wallr., 1833); Fungi, Basidiomycota, Microbotryomycetes, Microbotryales,</p>	<p><i>Dianthus, Silene pratensis</i></p>	<p>bunga (inflorescences), daun (leaves), tangkai malai</p>	<p>Europe: Austria, Bulgaria, Czech Republic, Finland, France, Germany, Hungary, Italy, Latvia, Norway, Poland, Romania, Spain, Sweden, Switzerland, Ukraine, United Kingdom</p>
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	Microbotryaceae; Caryophyllaceae anther smut			
65.	[s]: <i>Microcyclus ulei</i> (Henn.) Arx,(1962); (Syn. <i>Dothidella ulei</i> Henn., 1904, <i>Melanopsammopsis ulei</i> (Henn.) Stahel (1917); [a]: <i>Pseudocercospora ulei</i> (Henn.) Hora Junior & Mizubuti, 2013; (Syn. <i>Aposphaeria ulei</i> Henn, 1904, <i>Fusicladium heveae</i> K. Schub. & U. Braun, 2003, <i>Fusicladium macrosporum</i> J. Kuijper, 1911, <i>Passalora heveae</i> Masee 1913, <i>Scolicotrichum heveae</i> (Masee) Griffon & Maubl., 1961); Fungi, Ascomycota, Dothideomycetes, Mycosphaerellales, Mycosphaerellaceae; South American leaf blight of rubber (SALB)	<i>Hevea brasiliensis</i> (karet, rubber tree)	batang muda (stems (above ground), trunks, branches, bibit (seedlings), buah (fruits), daun (leaves), bunga (flowers, inflorescences, cones, calyx), tanaman (whole plant), media pembawa lain, benda lain, polong (pods), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)	America: Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, France Guyana, Guatemala, Guyana, Haiti, Honduras, Mexico, Nicaragua, Panama, Peru, Suriname, Trinidad and Tobago, Venezuela
66.	[s]: <i>Micronectriella nivalis</i> (Schaffnit) C. Booth, 1971; (Syn. <i>Monographella divergens</i> (Rehm) Petr.,	<i>Agrostis canina</i> (velvet bentgrass), <i>Agrostis capillaris</i> (common bent), <i>Agrostis stolonifera</i> (creeping	akar (roots), batang (stems (above grounds), trunks, branches), biji (true	Africa: Egypt, Ethiopia, Senegal, Tunisia, Zambia America: Argentina, Bolivia, Brazil, Canada, Chile, Mexico,

	<p>1924, <i>Monographella nivalis</i> (Schaffnit) E. Müll., 1977, <i>Monographella nivalis</i> var. <i>neglecta</i> (Krampe) Gerlach, 1980, <i>Monographella nivalis</i> var. <i>nivalis</i> (Schaffnit) E. Müll., 1977, <i>Nectria graminicola</i> Krieg., 1899, <i>Nectria pseudograminicola</i> Weese, 1910, <i>Sphaerulina divergens</i> Rehm, 1913); [a]: <i>Hydropisphaera arenula</i> (Berk. & Broome) Rossman & Samuels, 1999; (Syn. <i>Calonectria graminicola</i> F. Stevens, 1918, <i>Calonectria graminicola</i> var. <i>neglecta</i> Krampe, 1926, <i>Calonectria nivalis</i> Schaffnit, 1913, <i>Calonectria nivalis</i> f. <i>nivalis</i> Schaffnit, 1913, <i>Fusarium nivale</i> (Fr.) Sorauer, 1901, <i>Fusarium nivale</i> Ces. ex Berl. & Voglino, 1886, <i>Fusarium nivale</i> f. <i>nivale</i> Ces. ex Berl. & Voglino, 1886, <i>Fusarium nivale</i> var.</p>	<p>bentgrass), <i>Avena sativa</i> (oat, oats), <i>Bromus</i> (brome-grasses), <i>Festuca rubra</i> (red fescue), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium</i> spp. (ryegrasses), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Poa annua</i> (annual meadowgrass), <i>Poa pratensis</i> (smooth meadowgrass), Poaceae (grasses), <i>Secale cereale</i> (rye), <i>Triticum aestivum</i> (gandum, wheat), turfgrasses</p>	<p>seeds), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots)</p>	<p>USA Asia: Armenia, Azerbaijan, Bahrain, Bangladesh, China, Iran, Japan, Kazakhstan, Kyrgystan, Pakistan, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Federal Republic of Yugoslavia, Estonia, Finland, France, Georgia, Germany, Iceland, Ireland, Italy, Latvia, Lithuania, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
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<p><i>nivale</i> Ces. ex Berl. & Voglino, 1886, <i>Fusarium nivale</i> var. <i>oryzae</i> Zambett., 1950, <i>Gerlachia nivalis</i> var. <i>nivalis</i> (Ces. ex Berl. & Voglino) W. Gams & E. Mull., 1980, <i>Gerlachia nivalie</i> var. <i>nivalis</i> (Ces. ex Berl. & Voglino) W. Gams & E. Müll., 1980, <i>Griphosphaeria nivalis</i> (Schaffnit) E. Müll. & Arx, 1955, <i>Lanosa nivalis</i> Fr., 1849, <i>Melioliphila graminicola</i> Speg., 1921, <i>Microdochium nivale</i> var. <i>nivale</i> (Fr.) Samuels & I. C. Hallett, 1983); Fungi, Ascomycota, Sordariomycetes, Hypocreales, Bionectriaceae; foot rot of cereals, snow blight of cereals, head blight of cereals, pink snow mould of cereals, seedling blight of cereals, snow mould of cereals, Fusarium patch of turf, Microdochium patch of turf, pink snow mould of turf</p>			
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67.	<p>[s]: <i>Monilinia fructicola</i> (G. Winter) Honey, 1928; (Syn. <i>Ciboria fructicola</i> G. Winter, 1883, <i>Sclerotinia americana</i> (Wormald) Norton & Ezekiel, 1924, <i>Sclerotinia cinerea</i> sensu auct. NZ, <i>Sclerotinia cinerea</i> f. <i>americana</i> Wormald, 1919, <i>Sclerotinia fructicola</i> (G. Winter) Rehm, 1906, <i>Sclerotinia fructigena</i> sensu auct. NZ);</p> <p>[a]: <i>Monilia fructicola</i> L.R. Batra, 1991;</p> <p>Fungi, Ascomycota, Leiotiomycetes, Helotiales, Sclerotiniaceae;</p> <p>brown rot, American brown rot of stone fruit, brown rot of apple, brown rot of cherry, twig canker of stone fruit</p>	<p><i>Chaenomeles</i> spp. (flowering quinces), <i>Cornus mas</i> (cornelian cherry), <i>Crataegus</i> (hawthorns), <i>Eriobotrya japonica</i> (loquat), <i>Malus domestica</i> (apel, apple), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus</i> spp. (pir, pear), <i>Pyrus communis</i> (European pear), <i>Rubus fruticosus</i> (blackberry)</p>	<p>batang (stem (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants), polong (pods), tangkai buah, tunas (shoots)</p>	<p>Africa: Nigeria, South Africa, Tunisia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Ecuador, Mexico, Guatemala, Panama, Paraguay, Peru, USA, Uruguay, Venezuela Asia: China, India, Israel, Japan, Republic of Korea (South Korea), Taiwan, Turkey, Yemen Europe: Azerbaijan, Bulgaria, Croatia, France, Germany, Greece, Hungary, Italy, Montenegro, Poland, Romania, Russia, Serbia, Slovenia, Spain, Switzerland Oceania: Australia, New Caledonia, New Zealand</p>
68.	<p>[s]: <i>Monilinia fructigena</i> Honey, 1945;</p> <p>[a]: <i>Acrosporium fructigenum</i> (Pers.) Pers., 1822; (Syn. <i>Monilia fructigena</i> (Pers.) Pers., 1801, <i>Monilia fructigena</i> var. <i>fructigena</i></p>	<p><i>Actinidia arguta</i> (tara vine), <i>Amelanchier canadensis</i> (thicket serviceberry), <i>Berberis</i> spp. (barberries), <i>Capsicum</i> spp. (peppers), <i>Cornus mas</i> (cornelian cherry), <i>Corylus avellana</i> (hazel), <i>Cotoneaster</i></p>	<p>batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves),</p>	<p>Africa: Egypt, Morocco America: Brazil, Chile, Uruguay Asia: Afganistan, Armenia, Azerbaijan, China, DPR Korea (North Korea), Georgia, India, Iran, Israel, Japan, Kazakhstan, Lebanon, Nepal, Republic of</p>

	<p>(Pers.) Pers., 1801, <i>Oidium fructigenum</i> (Pers.) Fr., 1832, <i>Oidium fructigenum</i> var. <i>foliorum</i> Westend., 1861, <i>Oidium fructigenum</i> var. <i>fructigenum</i> (Pers.) Fr., 1832, <i>Sclerotinia fructigena</i> (Pers.) J. Schröt., 1839, <i>Stromatinia fructigena</i> (Pers.) Bpud., 1907, <i>Torula fructigena</i> Pers., 1795); Fungi, Ascomycota, Leotiomycetes, Helotiales, Sclerotiniaceae; brown rot</p>	<p>spp., <i>Crataegus laevigata</i>, <i>Cydonia oblonga</i> (quince), <i>Diospyros kaki</i> (kesemek, persimmon), <i>Eriobotrya japonica</i> (loquat), <i>Ficus carica</i> (fig), <i>Fragaria</i> spp. (stroberi, strawberry), <i>Fragaria ananassa</i>, <i>Malus domestica</i> (apel, apple), <i>Malus sieversii</i>, <i>Malus sylvestris</i> (crab-apple tree), <i>Mespilus germanica</i> (medlar), <i>Prunus</i> spp. (stone fruit), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus mandshurica</i>, <i>Prunus persica</i> (peach), <i>Prunus persica</i> var. <i>nucipersica</i> (nectarine), <i>Prunus salicina</i> (Japanese plum), <i>Prunus spinosa</i> (blackthorn), <i>Prunus triloba</i> (rose tree of China), <i>Psidium guajava</i> (jambu biji, guava), <i>Pyrus</i> spp. (pir, pear), <i>Pyrus</i></p>	<p>panjang (pods), tunas (shoots)</p>	<p>Korea (South Korea), Taiwan, Turkey, Uzbekistan Europe: Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia</p>
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		<p><i>betulaefolia</i>, <i>Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia</i> (oriental pear tree), <i>Pyrus ussuriensis</i> (amur pear), <i>Rhododendron</i> spp. (azalea), <i>Rosa</i> spp. (mawar, roses), <i>Rubus</i> spp. (blackberry, raspberry), <i>Rubus occidentalis</i> (black raspberry), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorbus</i> spp. (rowan), <i>Sorbus acuparia</i>, <i>Vaccinium</i> spp. (blueberries), <i>Vitis vinifera</i> (anggur, grapevine)</p>		
69.	<p>[s]: <i>Monilinia laxa</i> (Aderh. & Ruhland) Honey, 1945; (Syn. <i>Sclerotinia cinerea</i> (Bonord.) J. Schröt., 1839, <i>Sclerotinia cinerea</i> Wormald, 1919, <i>Sclerotinia cinerea</i> f. <i>cinerea</i> Wormald, 1839, <i>Sclerotinia cinerea</i> f. <i>mali</i> Wormald, 1919, <i>Sclerotinia cinerea</i> f. <i>pruni</i> Wormald, 1919, <i>Sclerotinia laxa</i> Aderh. & Ruhland, 1905, <i>Sclerotinia laxa</i> Ehrenb., <i>Sclerotinia laxa</i> f. <i>laxa</i></p>	<p><i>Cydonia oblonga</i> (quince), <i>Malus domestica</i> (apel, apple), <i>Malus sieversii</i>, <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus persica</i> (peach), <i>Prunus pseudocerasus</i> (Chinese fruiting cherry), <i>Prunus serrulata</i> (Japanese flowering cherry), <i>Prunus</i></p>	<p>batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calix), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Africa: Morocco, South Africa America: Argentina, Brazil, Canada, Chile, Guatemala, Uruguay, USA Asia: Afghanistan, Bhutan, China, Georgia, India, Iraq, Israel, Japan, Lebanon, Turkey Europe: Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Estonia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Moldova, Montenegro, Netherlands, North</p>

	<p>Aderh. & Ruhland, 1905, <i>Stromatinia laxa</i> (Ehrenb.) Naumov, 1964); [a]: <i>Monilia laxa</i> (Ehrenb.) Sacc. & Voglino, 1886; (Syn. <i>Acrosporium laxum</i> (Ehrenb.) Pers., 1822, <i>Monilia cinerea</i> Bonord., 1851, <i>Oidium laxum</i> Ehrenb., 1818, <i>Oospora cinerea</i> (Bonord.) sacc. & Voglino, 1886, <i>Oospora laxa</i> (Ehrenb.) wallr., 1833, <i>Torula cinerea</i> (Bonord.) Bonord., 1853, <i>Torula laxa</i> (Ehrenb.) Rabenh., 1844); Fungi, Ascomycota, Leotiomycetes, Helotiales, Sclerotiniaceae; blossom blight, mummifying fruit, blossom wilt, brown rot of stone fruits, spur blight, twig canker, wither tip</p>	<p><i>triloba</i> (rose tree of China), <i>Pyrus communis</i> (pir, pear)</p>		<p>Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
70.	<p>[s]: <i>Moniliophthora perniciosa</i> (Stahel) Aime & Phillips-Mora, 2006; (Syn. <i>Crinipellis perniciosa</i> (Stahel) (Singer), 1943, <i>Crinipellis</i></p>	<p><i>Bixa orellana</i> (kesumba, achiote), <i>Theobroma cacao</i> (kakao, cocoa)</p>	<p>batang (stem (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), bunga (flower, inflorescences, cones,</p>	<p>America: Belize, Bolivia, Brazil, Colombia, Dominica, Ecuador, Grenada, Guyana, Panama, Peru, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Venezuela</p>

	<p><i>perniciosa</i> var. <i>citriniceps</i> Pegler, 1978, <i>Crinipellis perniciosa</i> var. <i>ecuadorensis</i> (Stahel) Pegler, 1978, <i>Crinipellis perniciosa</i> var. <i>perniciosa</i> (Stahel) Singer, 1943, <i>Marasmius pernicius</i> Stahel, 1915, <i>Marasmius pernicius</i> var. <i>ecuadorensis</i> Stahel, 1915, <i>Marasmius pernicius</i> var. <i>pernicius</i> Stahel, 1915);</p> <p>[a]: - Fungi, Basidiomycota, Agaricomycetes, Agaricales, Marasmiaceae; witches' broom disease of cacao, witches; broom of cocoa</p>		<p>calyx), daun (leaves), kulit kayu (bark), polong (pods), tunas (shoots), tanaman (whole plant)</p>	<p>Asia: Malaysia</p>
71.	<p>[s]: <i>Moniliophthora roreri</i> (Cif.) H.C. Evans, Staplers, Samson & Benny, 1978; (Syn. <i>Crinipellis roreri</i> (Cif.) H. C. Evans, 2002, <i>Crinipellis roreri</i> var. <i>gileri</i> H. C. Evans & K. A. Holmes, 2003, <i>Crinipellis roreri</i> var. <i>roreri</i> (Cif.) H.</p>	<p><i>Herrania</i> spp., <i>Theobroma cacao</i> (kakao, cocoa)</p>	<p>batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), polong (pods), tunas (shoots)</p>	<p>America: Belize, Bolivia, Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Venezuela</p>

	<p>C. Evans, 2002, <i>Moniliophthora roreri</i> var. <i>gileri</i> H. C. Evans, 2013, <i>Moniliophthora roreri</i> var. <i>roreri</i> var. (Cif.) H. C. Evans, Stalpers, Samson & Beny, 1978); [a]: <i>Monilia roreri</i> Cif., 1933; Fungi, Basidiomycota, Agaricomycetes, Agaricales, Marasmiaceae; frosty pod rot, monilia pod rot, pod rot of cocoa, quevedo disease, watery pod rot of cocoa</p>			
72.	<p>[s]: - [a]: <i>Monilochaetes infuscans</i> Harter, 1916; (Syn. <i>Dischloridium cylindropermum</i> S.K. Srivast. (1987); Fungi, Ascomycota, Sordariomycetes, Chaetosphaeriales, Australiascaceae; scurf of sweet potato, manure stain, soils stain</p>	<p><i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea carnea</i> (kangkung pagar, morning glory)</p>	<p>akar (roots), batang (stems (above ground), trunks, btanches), bibit (seedlings), umbi (tubers, corms, rhizomes), media tanam (growing media associated with plants), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)</p>	<p>Africa: Sierra Leone, South Africa, Zimbabwe America: Argentina, Brazil, USA Asia: China, DPR Korea (North Korea), Israel, Japan, Republic of Korea (South Korea), Sri Lanka, Taiwan Europe: Italy, Portugal Oceania: Australia, Cook Islands, Federated States of Micronesia, New Zealand, Northern Mariana Island, Palau, Papua Nugini, Vanuatu</p>
73.	<p>[s]: <i>Mycena citricolor</i> (Berk. &</p>	<p><i>Citrus</i> spp. (jeruk, orange),</p>	<p>batang (stems (above</p>	<p>America: Bolivia, Brazil,</p>

	<p>M.A. Curtis) Sacc., 1887; (Syn. <i>Agaricus citricolor</i> Berk. & M.A. Curtis, 1869, <i>Agaricus citricolor</i> Berk. & M. A. Curtis, 1868, <i>Mycena flavida</i> (Maubl. & Rangel) Singer, 1952, <i>Mycena flavida</i> (Maubl. & Rangel) Singer, 1952, <i>Mycena tricolor</i> Velen., 1920, <i>Omphalia citricolor</i> (Berk. & M. A. Curtis) Rick, 1938, <i>Omphalia flavida</i> Maubl. & Rangel, 1914, <i>Omphalia flavida</i> var. <i>flavida</i> Maubl. & Rangel, 1914, <i>Omphalopsis citricolor</i> (Berk. & M. A. Curtis) Murrill, 1916); [a]: <i>Decapitatus flavidus</i> (Cooke) Redhead & Seifert, 2000; (Syn. <i>Botryonipha flavidum</i> (Cooke) Kuntze, 1891, <i>Pistillaria flavida</i> (Cooke) Speg., 1896, <i>Stilbella flavidum</i> (Cooke) Henn., 1904, <i>Stilbum flavidum</i> Cooke, 1880);</p>	<p><i>Cinchona</i> spp., <i>Cinchona officinalis</i> (kina, quinine tree), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (Arabica coffee), <i>Theobroma cacao</i> (kakao, cocoa)</p>	<p>ground), trunks, branches), bibit (seedlings), buah (fruits), daun (leaves), tanaman hasil mikropropagasi (micropropagated plants), polong (pods), tunas (shoots)</p>	<p>Colombia, Costa Rica, Cuba, Dominica, Ecuador, El Salvador, Guyana France, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Suriname, Trinidad and Tobago, USA, Venezuela</p>
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	Fungi, Ascomycota, Agaricomycetes, Agaricales, Mycenaceae; American leaf spot of coffee, American: coffee leaf spot, cock's eye spot, iron spot of coffee			
74.	[s]: <i>Mycosphaerella aleuritis</i> S.H. Ou, 1940; (Syn. <i>Mycosphaerella</i> <i>aleuritidis</i> (I. Miyake) S.H. Ou, 1940, <i>Mycosphaerella</i> <i>aleuritis</i> Gutner, 1966, <i>Mycosphaerella</i> <i>aleuritiicola</i> Khokhr., 1951); [a]: <i>Pseudocercospora aleuritis</i> (I. Miyake) Deighton, 1976; (Syn. <i>Cercosporina</i> <i>aleuritidis</i> (I. Miyake) Sacc. 1931, <i>Cercospora</i> <i>aleuritidis</i> I. Miyake (1912), <i>Cecosporina</i> <i>aleuritis</i> (I. Miyake) Sacc., 1931, <i>Cercospora aleuritis</i> I. Miyake, 1912); Fungi, Ascomycota, Dothideomycetes, Mycosphaerellales, Mycosphaerellaceae;	<i>Aleurites fordii</i> , <i>Aleurites</i> <i>moluccana</i> (kemiri, candle- nut), <i>Aleurites montana</i>	daun (leaves)	Africa: Central African Republic, Malagasy Republic, Malawi, Zaire America: Argentina, Brazil, Cuba, Paraguay, Trinidad & Tobago, USA Asia: China, Hong Kong, Japan, Korea DPR. (North Korea), Malaysia, Republic of Korea (South Korea), Taiwan Oceania: Cook Islands, New Zealand, Tonga

	angular leaf spot			
75.	<p>[s]: <i>Mycosphaerella dearnessii</i> M.E. Barr, 1972; (Syn. <i>Dothidea acicola</i> (Dearn.) M. Morelet, 1968, <i>Eruptio acicola</i> (Dearn.) M.E. Barr, 1996, <i>Oligostroma acicola</i> Dearn., 1926;</p> <p>[a]: <i>Lecanosticta acicola</i> (Thüm.) Syd., 1924, <i>Cryptosporium acicola</i> Thüm., 1878, <i>Dothistroma acicola</i> (Thüm.) Schischkina & Tsanova, 1967, <i>Lecanosticta pini</i> Syd., 1992, <i>Scirrhia acicola</i> (Dearn.) Sigg., 1939, <i>Septoria acicola</i> (Thüm.) Sacc., 1884, <i>Systemma acicola</i> (Dearn.) F.A. Wolf & Barbpur, 1941;</p> <p>Ascomycota, Pezizomycotina, Dothideomycetes, Capnodiales, Mycosphaerellaceae; brown spot needle blight, brown spot of pine, needle</p>	<p><i>Cedrus atlantica</i>, <i>Cedrus libani</i>, <i>Picea glauca</i> (white spruce), <i>Pinus attenuate</i> (knobcode pine), <i>Pinus ayacahuite</i> (Mexican white pine), <i>Pinus banksiana</i> (jack pine), <i>Pinus brutia</i>, <i>Pinus caribea</i> (Caribbean pine), <i>Pinus cembra</i>, <i>Pinus cembroides</i>, <i>Pinus clausa</i>, <i>Pinus contorta</i> (lodgepole pine), <i>Pinus contorta</i> var. <i>latifolia</i>, <i>Pinus coulteri</i>, <i>Pinus cubensis</i>, <i>Pinus densiflora</i>, <i>Pinus echinata</i> (shortleaf pine), <i>Pinus elliottii</i> (slash pine), <i>Pinus engelmannii</i>, <i>Pinus glabra</i> (spruce pine), <i>Pinus halepensis</i> (thin-leaf pine), <i>Pinus jeffreyi</i>, <i>Pinus maximinoi</i> (thin-leaf pine), <i>Pinus monticola</i> (western white pine), <i>Pinus mugo</i> (mountain pine), <i>Ponus mugo</i> subsp. <i>uncinata</i>, <i>Pinus mugo</i> var. <i>pumilio</i>, <i>Pinus muricata</i> (bishop pine), <i>Pinus nigra</i> (black pine), <i>Pinus nigra</i> subsp. <i>laricio</i>, <i>Pinus nigra</i></p>	<p>batang (stem (above ground), trunks, branches), bibit (seedlings, micropropagated plants), daun (leaves), tunas (shoots)</p>	<p>Africa: Malawi America: Belize, Canada, Chile, Colombia, Costa Rica, Cuba, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, USA Asia: China, Japan, South Korea, Turkey Europe: Austria, Belarus, Belgium, Bulgaria, Croatia, Czechia, Estonia, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland</p>

	blight of pine	subsp. <i>pallasiana</i> , <i>Pinus oocarpa</i> (ocote pine), <i>Pinus palustris</i> (longleaf pine), <i>Pinus patula</i> (Mexican weeping pine), <i>Pinus pinaster</i> (maritime pine), <i>Pinus pinea</i> (stone pine), <i>Pinus ponderosa</i> (ponderosa pine), <i>Pinus ponderosa</i> var. <i>scopulorum</i> , <i>Pinus radiata</i> (radiata pine), <i>Pinus resinosa</i> (red pine), <i>Pinus rigida</i> (pitch pine), <i>Pinus serotina</i> (pond pine), <i>Pinus strobus</i> (eastern white pine), <i>Pinus sylvestris</i> (Scots pine), <i>Pinus taeda</i> (loblolly pine), <i>Pinus tecunumanii</i> (tecun uman pine), <i>Pinus thunbergii</i> (Japanese black pine), <i>Pinus virginiana</i> (scrub pine), <i>Pinus x rhaetica</i> , <i>Pinus x sondereggeri</i>		
76.	[s]: <i>Neonectria ditissima</i> (Tul. & C. Tul.) Samuels & Rossman, 2006; (Syn. <i>Cucurbitaria ditissima</i> (Tul. & C. Tul.) Kuntze, 1898, <i>Nectria ditissima</i> Tul. & C. Tul., 1865, <i>Nectria ditissima</i>	<i>Albizia lebbeck</i> , <i>Acer circinatum</i> , <i>Acer macrophyllum</i> (broadleaf maple), <i>Acer pensylvanicum</i> (striped maple), <i>Acer pseudoplatanus</i> , <i>Acer rubrum</i> (red maple), <i>Acer saccharum</i> (sugar maple), <i>Acer spicatum</i>	batang (stems), buah (fruits), polong (pods)	Africa: Canary Island, Madagascar, South Africa America: Argentina, Canada, Chile, Mexico, USA, Uruguay Asia: Afganistan, India, Iran, Iraq, Japan, Lebanon, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan

	<p>var. <i>ditissima</i> Tul. C. Tul., 1865); [a]: <i>Cylindrocarpon heteronemum</i> (Berk. & Broome) Wollenw., 1928; (Syn. <i>Cylindrocarpon willkommii</i> (Lindau) Wollenw., 1928, <i>Cylindrocarpon willkommii</i> var. <i>minus</i> Wollenw., 1928, <i>Cylindrocarpon willkommii</i> var. <i>pluriseptatum</i> Wollenw., 1928, <i>Cylindrocarpon willkommii</i> (Lindau) Wollenw., 1928, <i>Cylindrocarpon willkommii</i> var. <i>minus</i> Wollenw., 1928, <i>Cylindrocarpon willkommii</i> var. <i>pluriseptatum</i> Wollenw., 1928, <i>Cylindrocarpon willkommii</i> var. <i>willkommii</i> (Lindau) Wollenw., 1928, <i>Nectria ditissima</i> var. <i>arctica</i> Wollenw., 1926, <i>Fusarium willkommii</i> J. Lindau., 1909, <i>Fusarium</i></p>	<p>(mountain maple), <i>Aesculus hippocastanum</i>, <i>Ainus glutinosa</i>, <i>Alnus incana</i> (grey alder), <i>Betula alleghaniensis</i> (yellow birch), <i>Betula lenta</i> (sweet birch), <i>Betula nigra</i> (river birch), <i>Betula papyrifera</i> (paper birch), <i>Betula pendula</i> (common silver birch), <i>Betula populifolia</i> (gray birch), <i>Betula pubescens</i>, <i>Carpinus betulus</i> (hornbeam), <i>Carya cordiformis</i> (bitternut hickory), <i>Carya glabra</i> (Pignut hickory), <i>Carya illinoensis</i> (pecan), <i>Carya ovata</i> (shagbark hickory), <i>Carya tomentosa</i>, <i>Cornus nuttallii</i> (Pacific dogwood), <i>Corylus avellana</i> (hazel), <i>Cydonia oblonga</i>, <i>Fagus grandifolia</i> (American beech), <i>Fagus sylvatica</i> (common beech), <i>Fagus silvatica</i>, <i>Frangula alnus</i> (alder buckthorn), <i>Fraxinus excelsior</i> (ash), <i>Fraxinus nigra</i> (black ash), <i>Juglans cinerea</i> (butternut), <i>Juglans nigra</i> (black walnut), <i>Juglans</i> sp., <i>Juglans regia</i>, <i>Malus</i></p>		<p>Europe: Austria, Belgium, Bulgaria, Czech Republic, Denmark, England, Estonia, Faroe Island, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Macedonia, Netherland, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: New Zealand</p>
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	<p><i>willkommii</i> Lindau, 1909); Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; hardwoods perennial canker, Nectria cancer</p>	<p><i>domestica</i> (appel, apple), <i>Nyssa sylvatica</i> (tupelo), <i>Platanus orientalis</i>, <i>Populus grandidentata</i> (bigtooth aspen), <i>Populus tremuloides</i> (trembling aspen), <i>Pupulus</i> spp., <i>Prunus serotina</i> (black cherry), <i>Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia</i> (oriental pear tree), <i>Quercus alba</i> (white oak), <i>Quercus bicolor</i> (swamp white oak), <i>Quercus coccinea</i> (scarlet oak), <i>Quercus garryana</i> (Garry oak), <i>Quercus laurifolia</i> (Laurel oak), <i>Quercus rubra</i> (northern red oak), <i>Quercus robus</i>, <i>Quercus velutina</i> (black oak), <i>Rhus typhina</i> (staghorn sumac), <i>Rosa</i> sp. (mawar, rose), <i>Salix alba</i>, <i>Salix amygdaloides</i> (peachleaf willow), <i>Sorbus aucuparia</i> (mountain ash), <i>S. vitallina</i>, <i>Tillia</i> spp, <i>Tilia americana</i> (basswood), <i>Ulmus americana</i> (American elm), <i>Ulmus glabra</i></p>		
77.	<p>[s]: - [a]: <i>Nothophoma gossypiicola</i> (Gruyter) Q. Chen & L.</p>	<p><i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Capsicum annuum</i> (cabai, hot pepper,</p>	<p>batang (stems), biji (true seeds), buah (fruits), daun (leaves)</p>	<p>Africa: Benin, DR Congo, Ethiopia, Kenya, Mauritius, Nigeria, South Africa, Sudan,</p>

	<p>Cai., 2015); (Syn. <i>Ascochyta gossypii</i> Woron., 1915, <i>Phoma</i> <i>gossypiicola</i> Gruyter, 2002); Fungi, Ascomycota, Dothideomycetes, Pleosporales, Didymellaceae; Ascochyta blight of cotton, Ascochyta leaf spot, Ascochyta seedling blight, ashen spot, wet weather blight of cotton</p>	<p>chilies, red pepper), <i>Glycine</i> <i>max</i> (kedelai, soyabean), <i>Gossypium barbadens</i> (kapas, cotton), <i>Hibiscus</i> spp., <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Solanum</i> <i>melongena</i> (terung, eggplant, aubergine), <i>Vigna</i> <i>unguiculata</i>, <i>Vigna</i> spp. (buncis, cowpea)</p>		<p>Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Chile, Colombia, Guatemala, Jamaica, Mexico, Panama, Puerto Rico, USA, Venezuela Asia: Armenia, Azerbaijan, China, Georgia, India, Japan, Korea, Laos, Malaysia, Philippines, Taiwan Europe: Greece Oceania: Australia, Papua Nugini</p>
78.	<p>[c]: <i>Pachymetra chaunorhiza</i> B.J. Croft & M.W. Dick (1989); Chromista, Oomycota, Oomycetes, Sclerosporales, Verrucalvaceae; Pachymetra root rot</p>	<p><i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Zea mays</i> (jagung, corn, maize)</p>	<p>akar (roots), media tanam (growing media associated with plants)</p>	<p>Oceania: Australia</p>
79.	<p>[s]: - [a]: <i>Penicillium expansum</i> Link, 1809; (Syn. <i>Penicillium crustaceum</i> Link, 1809, <i>Penicillium</i> <i>crustaceum</i> var. <i>crustaceum</i> Link, 1809, <i>Penicillium expansum</i> var. <i>expansum</i> Link, 1809, <i>Penicillium glaucum</i> Stoll,</p>	<p><i>Allium cepa</i> (bawang bombai, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Beta</i> <i>vulgaris</i> var. <i>saccharifera</i> (bit, sugar beet), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Cydonia oblonga</i> (quince), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gossypium hirsutum</i></p>	<p>buah (fruits)</p>	<p>Africa: Egypt, Ghana, Kenya, Mauritius, Morocco, Nigeria, South Africa, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Honduras, Jamaica, Nicaragua, Peru, USA, Uruguay, Venezuela Asia: Armenia, Brunei Darussalam, China, DPR Korea (North Korea), Georgia, Hong</p>

	<p><i>Penicillium glaucum</i> var. <i>coremium</i> Sacc., 1886, <i>Penicillium glaucum</i> var. <i>expansum</i> Pers., 1822, <i>Penicillium glaucum</i> var. <i>fasciculatum</i> Pers., 1822, <i>Penicillium glaucum</i> var. <i>foetidum</i> Sopp, 1912, <i>Penicillium glaucum</i> var. <i>glaucum</i> Link, 1805, <i>Penicillium glaucum</i> var. <i>inodorum</i> Sopp, 1912, <i>Penicillium glaucum</i> var. <i>minor</i> Malchevsk., 1939, <i>Penicillium glaucum</i> var. <i>pallidum</i> Sopp, 1912); Fungi, Ascomycota, Eurotiomycetes, Eurotiales, Trichocomaceae; blue mould of stored apple, soft rot of apple, soft rot of grape, storage rot of fruit</p>	<p>(Bourbon cotton), <i>Hordeum vulgare</i> (barli, barley), <i>Lilium</i> (lily), <i>Malus domestica</i> (apel, apple), <i>Phoenix dactylifera</i> (date-palm), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (peach), <i>Punica granatum</i> (delima, pomegranate), <i>Pyrus communis</i> (pir, pear), <i>Rheum hybridum</i> (rhubarb), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Triticum aestivum</i> (gandum, wheat), <i>Vaccinium</i> (blueberries), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize)</p>		<p>Kong, India, Iran, Iraq, Israel, Japan, Kazakhstan, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Thailand, Turkey Europe: Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, France, Greece, Italy, Latvia, Lithuania, Montenegro, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
80.	<p>[s]: - [a]: <i>Periconia manihoticola</i> (Vincens) Viegas, 1955; (Syn. <i>Haplographium manihoticola</i> Vincens, 1916, <i>Periconia heveae</i> Stevens & Imle, <i>Periconia manihoticola</i> var.</p>	<p><i>Acasia</i> spp., <i>Hevea brasiliensis</i> (karet, rubber tree), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Pisum</i> spp.</p>	batang (stems), daun (leaves)	<p>Africa: Malawi, Tanzania, Togo Asia: India, Myanmar Oceania: Fiji, Papua Nugini, Solomon Islands, Vanuatu</p>

	<p><i>macrospora</i> Bat., Valle & matta, 1965, <i>Periconia manihoticola</i> var. <i>manihoticola</i> (Vincens) Viegas, 1955); Fungi, Ascomycota, Dothideomycetes, Pleosporales; Periconia blight</p>			
81.	<p>[c]: <i>Peronospora hyoscyami</i> de Bary, 1863; (Syn. <i>Peronospora effusa</i> var. <i>hysocyami</i> Rabenh., 1860, <i>Peronospora hyoscyami</i> f.sp. <i>hybrida</i> C.J. Sheph. 1970, <i>Peronospora hyoscyami</i> f.sp. <i>tabacina</i> Skalický 1964, <i>Peronospora hyoscyami</i> f.sp. <i>velutina</i> C.J. Sheph. 1970, <i>Peronospora nicotianae</i> Speg., 1892, <i>Peronospora tabacina</i> D. B. Adam, 1933); Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; angular tobacco leaf spot, blue mould of tobacco, downy</p>	<p><i>Capsicum annuum</i> (paprika, bell pepper), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Lycopersicon pimpinellifolium</i> (tomat rampai, currant tomato)</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds), bunga (flowers, inflorescences, cones, calyx) daun (leaves), tunas (shoots)</p>	<p>Africa: Algeria, Egypt, Libya, Morocco, Tunisia America: Argentina, Brazil, Canada, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, USA, Uruguay Asia: Armenia, Azerbaijan, China, Georgia, Hong Kong, Iran, Iraq, Israel, Jordan, Lebanon, Mongolia, Myanmar, Syria, Turkey, United Arab Emirates, Yemen Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania,</p>

	mildew, tobacco black fire, tobacco blue mould, tobacco wildfire			Luxembourg, Moldova, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia
82.	[c]: <i>Peronospora sparsa</i> Berk. (1862); (Syn. <i>Peronoplasmopara sparsa</i> (Berk.) Uljan., 1967, <i>Peronospora fragariae</i> Roze & Cornu, 1876, <i>Peronospora rosae-gallica</i> Sāvul. & Rayss, 1934, <i>Peronospora rubi</i> Rabenh. ex. J. Schröt., 1886, <i>Pseudoperonospora sparsa</i> (Berk.) Jacz., 1928, <i>Puccinia sparsa</i> (Berk.) Jacz., 1928); Chromista, Oomycota, Oomycetes, Peronosporales, Peronosporaceae; downy mildew	<i>Punus laurocerasus</i> , <i>Rosa</i> spp. (mawar, rose), <i>Rosa californica</i> (California rose), <i>Rosa canina</i> (dog rose), <i>Rosa centifolia</i> (cabbage rose), <i>Rosa chinensis</i> (China rose), <i>Rosa hybrida</i> , <i>Rosa rubiginosa</i> (sweet briar), <i>Rosa caesius</i> (dewberry), <i>Rubus canadensis</i> , <i>Rubus chamaemorus</i> (yellow berry), <i>Rubus fruticosus</i> (blackberry), <i>Rubus ideaus</i> (raspberry), <i>Rubus laciniatus</i> (cutleaf blackberry), <i>Rubus loganobaccus</i> (loganberry), <i>Rubus occidentalis</i> (black raspberry), <i>Rubus parviflorus</i> (thimbleberry), <i>Rubus procerus</i> , <i>Rubus spectabilis</i> (salmonberry)	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)	Africa: Egypt, Ghana, Mauritius, Morocco, South Africa, Sudan, Zimbabwe America: Argentina, Brazil, Canada, Colombia, Mexico, USA, Venezuela Asia: Brunei Darussalam, China, Georgia, India, Iran, Israel, Japan, Philippines, Republic of Korea (South Korea) Europe: Andorra, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Croatia, Czechia, Federal Republic of Yugoslavia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
83.	[c]: <i>Peronospora viciae</i> f. sp	<i>Lathyrus</i> (vetchling),	batang (stems,	Africa: Egypt, Ethiopia, Kenya,

	<p><i>pisi</i> (Sydow) Boerema & Verhoeven; Chromista/ Stramenopila, Oomycota, Oomycetes, Peronosporales, Peronosporaceae; pea downy mildew</p>	<p><i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Pisum</i> (pea), <i>Pisum sativum</i> (kapri, sweet pea), <i>Vicia faba</i> (faba bean), <i>Vicia hirsuta</i> (hairy tare), <i>Vicia sativa</i> (common vetch), <i>Vicia villosa</i> (hairy vetch)</p>	<p>shoots, trunks, branches), benih (true seeds), biji (grain), buah (fruits), bunga (inflorescences, Cones, Calyx), daun (leaves)</p>	<p>Morocco, South Africa, Tanzania, Tunisia, Uganda, Zimbabwe America: Canada, Jamaica, Mexico, USA. Asia: Afghanistan, Bangladesh, China, Georgia, India, Israel, Pakistan, Syria, Taiwan, Turkey Europe: Austria, Belgium, Bulgaria, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
84.	<p>[s]: <i>Phaeosphaeria nodorum</i> (E. Müll.) Hedjar., Sydowia, 1969; [a]: <i>Parastagonospora</i> <i>nodorum</i> (Berk.) Quaedvl., Verkley & Crous, 2013; (Syn. <i>Depazea nodorum</i> Berk., 1945.; <i>Hendersonia</i> <i>nodorum</i> (Berk.) Petr., 1947, <i>Leptosphaeria</i> <i>nodorum</i> E. Müll. (1952),</p>	<p><i>Agropyron</i>, <i>Bromus inermis</i>, <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Hordeum</i>, <i>Hordeum vulgare</i> (barli, barley), <i>Lolium</i> <i>perenne</i>, <i>Secale cereale</i> (rye), <i>Triticale</i>, <i>Triticum</i>, <i>Triticum</i> <i>aestivum</i> (gandum, wheat)</p>	<p>batang (stems), biji (true seeds, grain), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods)</p>	<p>Africa: Angola, Ethiopia, Kenya, Malawi, Morocco, South Africa, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Ecuador, Mexico, USA, Uruguay, Venezuela Asia: Armenia, Bhutan, China, India, Iran, Israel, Japan, Kazakhstan, Korea, Lebanon,</p>

	<p><i>Phoma hennebergii</i> Lopr., 1893, <i>Phoma hennebergii</i> J.G. Kühn, Hedwigia, 1877, <i>Septoria holci</i> Pass., 1879, <i>Septoria glumarum</i> Pass., 1879, <i>Septoria nodorum</i> (Berk.) Berk., 1850 <i>Stagosnospora nodorum</i> (Berk.) E. Castell. & Germano, 1977);</p> <p>Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Phaeosphaeriaceae; glume blotch</p>			<p>Nepal, Pakistan, Philippines, Saudi Arabia, Taiwan</p> <p>Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom</p> <p>Oceania: Australia, New Zealand</p>
85.	<p>[s]: <i>Phellinus robiniae</i> (Murrill) A. Ames 1913); (Syn. <i>Fomes cedrelae</i> (Murrill) Sacc. & Trotter, 1912, <i>Fomes robiniae</i> (Murrill) Sacc. & D. Sacc., 1905, <i>Fomitiporella robiniae</i> (Murrill) Teixeira, 1992, <i>Fulvifomes cedrelae</i> (Murrill) Murrill, 1915, <i>Fulvifomes robiniae</i> (Murrill) Murrill, 1914, <i>Polyporus robiniae</i></p>	<i>Robbinea pseudoacacia</i>	akar (roots), batang (stems)	America: Mexico

	<p>(Murrill) Murrill, 1903, <i>Pyropolyporus cedrelae</i> Murrill, 1908, <i>Pyropolyporus robiniae</i> Murrill, 1903, <i>Scindalma</i> <i>robiniae</i> (Murrill) Teixeira, 1986);</p> <p>[a]: - Fungi, Basidiomycota, Agaricomycotina, Agaricomycetes, Hymenochaetales, Hymenochaetaceae; yellow spongy rot</p>			
86.	<p>[s]: <i>Phialophora cinerescens</i> (Wollenw.) JFH Beyma (1940);</p> <p>[a]: <i>Verticillium cinerescens</i> Wollenw. (1930);</p> <p>Fungi, Ascomycota, Pezizomycotina, Eurotiomycetes, Chaetothyriales, Herpotrichiellaceae; Phialophora wilt, vascular wilt of carnation, wilt of carnation</p>	<i>Dianthus</i> spp. (anyelir, carnation)	akar (roots), batang (stems above ground), trunks, branches), daun (leaves), bibit (seedlings),), tanaman (whole plant), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)	America: Canada, Colombia, USA Asia: China, Turkey, Uzbekistan Europe: Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Montenegro, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Spain, Switzerland, United Kingdom Oceania: New Zealand
87.	<p>[r]: <i>Phragmidium</i> <i>mucronatum</i> (Pers.) Schltdl, 1824;</p>	<i>Rosa</i> spp. (mawar, rose)	batang (stems), daun (leaves)	Africa: Canary Island, Egypt, Eritrea, Ethiopia, Kenya, Libya, Madagascar, Morocco, South

	<p>(Syn. <i>Aregma disciflora</i> Arthur, 1899, <i>Aregma mucronatum</i> (Pers.) Fr., 1832, <i>Aregma phragmidium</i> Fr., 1832, <i>Aregma phragmidium</i> subsp. <i>mucronatum</i> (Pers.) Fr., 1832, <i>Aregma phragmidium</i> subsp. <i>obtusatum</i> Fr., 1832, <i>Aregma phragmidium</i> subsp. <i>phragmidium</i> Fr., 1832, <i>Ascophora disciflora</i> Tode, 1790, <i>Ascophora disciflora</i> var. <i>byssina</i> Tode, 1790, <i>Ascophora disciflora</i> var. <i>disciflora</i> Tode, 1790, <i>Ascophora disciflora</i> var. <i>solida</i> Tode, 1790, <i>Caeoma miniatum</i> (Pers.) Schltdl., 1824, <i>Caeoma pingue</i> (DC.) Link, 1852, <i>Caeoma rosae</i> var. <i>miniatum</i> (Pers.) Link, 1825, <i>Coleosporium miniatum</i> Bonord., 1860, <i>Coleosporium pingue</i> (DC.) Lév., 1847, <i>Coleosporium pingue</i> (DC.) Lév., 1856, <i>Coleosporium pingue</i> var.</p>			<p>Africa, Zimbabwe. America: Argentina, Bolivia, Brazil, Canada, Costa Rica, Guatemala, Honduras, Jamaica, Mexico, USA Asia: Armenia, China, Georgia, India, Iran, Iraq, Japan, Kazakhstan, Myanmar, Pakistan, Philippines, Saudi Arabia, Turkey Europe: Austria, Belarus, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Spain, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
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	<p><i>alchemillae</i> Berk. & Broome, 1875, <i>Coleosporium pingue</i> var. <i>pingue</i> (DC.) Lév., 1847, <i>Erysibe miniata</i> (Pers.) Wallr., 1833, <i>Erysibe miniata</i> var. <i>miniata</i> (Pers.) Wallr., 1833, <i>Puccinia mucronata</i> Pers.); <i>Puccinia rosae</i> Schumach 1803</p> <p>Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Uredinineae, Praghmidiaceae; rust of rose</p>			
88.	<p>[s]: <i>Phyllachora huberii</i> Henn., 1900; (Syn. <i>Catacauma huberi</i> (Henn.) Theiss. & Syd., 1915);</p> <p>[a]: - Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Phyllachorales, Phyllachoraceae; black spot, tar spot</p>	<p><i>Hevea brasiliensis</i> (karet, rubber tree)</p>	<p>batang muda, daun (leaves).</p>	<p>America: Brazil, Guyana</p>
89.	<p>[s]: <i>Phyllachora pomigena</i> (Schwein.) Sacc., 1883;</p>	<p><i>Malus domestica</i> (apel, apple)</p>	<p>buah (fruits), cabang (branches), daun</p>	<p>America: Brazil, USA Asia: India, Japan</p>

	<p>(Syn. <i>Dothidea pomigena</i> Schwein., 1832); <i>Marssonina coronaria</i> (ELLIS & J.J.DAVIS) J.J.DAVIS, <i>Marssonina mali</i> (P.Henning) Ito [a]: <i>Gloeodes pomigena</i> (Schwein.) Colby, 1920; Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Sordariomycetidae, Phyllachorales, Phyllachoraceae; Pyllacora sooty blotch on twig and fruit</p>		(leaves)	Europe: Germany, United Kingdom
90.	<p>[s]:- [a]: <i>Phyllosticta phaseolina</i> Sacc., 1878; (Syn. <i>Phyllosticta phaseoli</i> <i>Phyllosticta phaseolorum</i> Sacc. & Speg., 1878); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Botryosphaeriales, Phyllostictaceae; leaf spot, fruit blotch, twig canker, brown: bean leaf spot</p>	<i>Phaseolus</i> spp., <i>Phaseolus vulgaris</i> (buncis, common bean)	biji (true seeds), buah (fruits), batang (stems), daun (leaves), polong (pods), tanaman (whole of plant)	America: Barbados, Jamaica
91.	<p>[s]: - [a]: <i>Phyllostictina solitaria</i></p>	<i>Crataegus</i> sp., <i>Malus domestica</i> (apel, apple)	buah (fruits), daun (leaves)	America: Canada, USA

	<p>(Ellis & Everh.) (Syn. <i>Phyllosticta arbutifoliae</i> Ellis & G. Martin, 1886, <i>Phyllosticta solitaria</i> Ellis & Everh., 1895,; Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Botryosphaeriales, Phyllostictaceae; apple blotch</p>			
92.	<p>[s]: - [a]: <i>Phymatotrichopsis omnivora</i> (Duggar) Hennebert, 1973; (Syn. <i>Ozonium omnivorum</i> Shear, 1907, <i>Phymatotrichum omnivorum</i> Duggar, 1916); Fungi, Ascomycota, Pezizomycotina, Pezizomycetes, Pezizales, Rhizinaceae; cotton root rot, root rot of cotton, soft rot of cotton, cotton soft rot, grapevine root rot</p>	<p>Fabaceae, Juglandaceae, Malvaceae, Rosaceae, Umbelliferae, <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Beta vulgaris</i> var <i>saccharifera</i> (bit, sugar beet), <i>Carya illinoensis</i>, <i>Ficus carica</i> (ara), <i>Glycine max</i> (kedelai, soybean), <i>Gossypium barbadens</i> (kapas, cotton), <i>Juglans regia</i>, <i>Malus</i> sp. (apel tanaman hias, ornamental apple), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i>, <i>Phaseolus</i>, <i>Populus</i>, <i>Prunus</i> spp., <i>Pyrus communis</i> (pir,</p>	<p>akar (roots), batang (stems above ground), trunks, branches), media tanam (growing media associated with plants), tunas (shoots)</p>	<p>America: Argentina, Brazil, Colombia, Mexico, USA, Venezuela</p>

		pear), <i>Robinia pseudoacacia</i> (akasia, acacia), <i>Salix</i> , <i>Ulmus</i> , <i>Vitis vinifera</i> (anggur, grapevine)		
93.	[c]: <i>Phytophthora cryptogea</i> Pethybr. & Laff. (1919); (Syn. <i>Phytophthora cryptogea</i> var. <i>cryptogea</i> Pethybr. & Laff., 1919, <i>Pythiomorpha aoryzae</i> S. Ito & Nagai (1931); Chromista/ Stramenopila, Oomycota, Oomycetes, Peronosporae, Peronosporales, Peronosporaceae; tomato foot rot, damping off, gerbera foot rot, black neck of chrysanthemum, tulip shanking, corm, stem and leaf rot of gloxinia, pink rot of potato, stem rot, root rot, damping-off	<i>Abies concolor</i> (rocky mountain white fir), <i>Abies procera</i> (noble fir), <i>Actinidia chinensis</i> (Chinese gooseberry), <i>Actinidia deliciosa</i> (kiwi, kiwifruit), <i>Actinidia chinensis</i> (goosebary), <i>Allium cepa</i> (bawang bombai, onion), <i>Antirrhinum majus</i> (snapdragon), <i>Apium graveolens</i> (seledri, celery), <i>Asparagus officinalis</i> (asparagus), <i>Aster</i> , <i>Banksia</i> , <i>Begonia</i> , <i>Bacharis pilularis</i> (coyote brush), <i>Brassica oleracea</i> var. <i>botrytis</i> (kembang kol, cauliflower), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Calathea</i> , <i>Calendula officinalis</i> (pot marigold), <i>Callistephus chinensis</i> (China aster), <i>Capsicum annuum</i> (paprika, bell pepper), <i>Carpobrutus</i> , <i>Castanea</i> (chestnuts,	akar (roots), batang (stems (above ground), trunks, branches), bibit tanaman (seedlings), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants), umbi (bulbs, tubers, corms, rhizomes), polong (pods), tunas (shoots).	Africa: Egypt, South Africa, Zimbabwe America: Argentina, Brazil, Canada, Chile, Ecuador, Mexico, USA Asia: China, Iran, Israel, Japan, Jordan, Malaysia, Pakistan, Republic of Korea (South Korea), Taiwan, Turkey Europe: Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Montenegro, Netherlands, North Macedonia, Norway, Poland, Russia, Serbia, Spain, Sweden, Turkey, United Kingdom Oceania: Australia, New Zealand, Papua Nugini

		<p>kastanye), <i>Ceanothus prostrates</i> (squawcarpet ceanothus), <i>Cedrus deodora</i> (Himalayan cedar), <i>Centaurea cyanus</i> (cornflower), <i>Chamaecyparis</i> (false cypress), <i>Celosia argentea</i> (celosia), <i>Chrysanthemum</i> (krisan, daisy), <i>Chrysanthemum frutescens</i> (marguerite), <i>Chrysanthemum vestitum</i>, <i>Cichorium intybus</i> (chicory), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus</i>, <i>Clarkia</i> (satin flowers), <i>Consolida ambigua</i> (rocket larkspur), <i>Cotoneaster</i>, <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (giant pumpkin), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cupressus</i> (cypresses), <i>Cyamopsis tetragonoloba</i> (guar), <i>Cyphomandra betacea</i> (tree tomato), <i>Dahlia</i>, <i>Daucus carota</i> (wortel, carrot),</p>		
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		<p><i>Dianthus barbatus</i> (sweet williams), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Erica</i> (heaths), <i>Erysimum cheiri</i> (wallflower), <i>Eucalyptus</i> spp. (eukaliptus, eucalyptus), <i>Euphorbia pulcherrima</i> (poinsettia), <i>Fragaria vesca</i> (arbei, stroberi, strawberry), <i>Gerbera</i> (Barbeton daisy), <i>Gerbera jamesonii</i> (African daisy), <i>Gladiolus hybrids</i> (sword lily), <i>Glycine max</i> (kedelai, soybean), <i>Gynura bicolor</i>, <i>Gypsophila paniculata</i> (babysbreath), <i>Hebe</i>, <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Humulus lupulus</i> (hop), <i>Juglans regia</i> (walnut), <i>Juniperus chinensis</i> (Chinese juniper), <i>Lactuca sativa</i> (selada, lettuce), <i>Liatris spicata</i> (spike gayfeather), <i>Limonium sinuatum</i> (sea pink), <i>Lupinus</i> spp., <i>Malus domestica</i> (apel, apple), Maranta (arrowroot), <i>Matthiola incana</i> (stock),</p>		
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		<p><i>Medicago sativa</i> (lucerne), <i>Nasturtium officinale</i> (watercress), <i>Nicotiana</i> <i>tabacum</i> (tembakau, tobacco), <i>Onobrychis viciifolia</i> (sainfoin), <i>Papaver nudicaule</i> (Iceland poppy), <i>Parthenium</i> <i>argentatum</i> (guayule), <i>Pericallis cruenta</i> (common cineraria), <i>Persea americana</i> (alpukat, avocado), <i>Petroselinum crispum</i> (parsley), <i>Petunia hybrida</i>, <i>Phaseolus vulgaris</i> (common bean), <i>Picea</i> (spruces), <i>Pinus</i> (pines), <i>Pinus lambertiana</i> (big pine), <i>Pinus mugo</i> (mountain pine), <i>Pinus nigra</i> (black pine), <i>Pinus radiata</i> (radiata pine), <i>Pistacia vera</i> (pistachio), <i>Pisum</i> spp., <i>Populus simonii</i> (Simon poplar), <i>Prunus</i> <i>armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus</i> <i>dulcis</i> (almon, badam, almond), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus</i> <i>persica</i> (peach), <i>Prunus</i></p>		
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		<p><i>salicina</i> (Japanese plum), <i>Rhododenron catawbiense</i>, <i>Rhododendron maximum</i> (rosebay rhododendron), <i>Rubus idaeus</i> (raspberry), <i>Saintpaulia ionantha</i> (African violet), <i>Salvia officinalis</i> (common sage), <i>Saxifraga</i> (saxifrage), <i>Sempervivum</i> (house-leek), <i>Simmondsia</i> <i>chinensis</i> (jojoba), <i>Solanum</i> <i>melongena</i> (terung, eggplant, aubergine), <i>Sinningia speciosa</i> (gloxinia), <i>Solanum</i> <i>lycopersicum</i> (tomat, tomato), <i>Solanum marginatum</i> (white- edged nightshade), <i>Solanum</i> <i>tuberosum</i> (kentang, potato), <i>Spinacia oleracea</i> (bayam, spinach), <i>Syzygium</i> <i>samarangense</i> (water apple), <i>Tagetes erecta</i> (Mexican marigold), <i>Tanacetum</i> <i>cinerariifolium</i> (Pyrethrum), <i>Triticum aestivum</i> (gandum, wheat), <i>Tulipa</i> (tulip), <i>Vicia</i> <i>fabas</i> (vaba bean), <i>Vicia sativa</i> (common vetch), <i>Vicia villosa</i> (hairy vetch), <i>Viola</i> (violet), <i>Vitis vinifera</i> (anggur,</p>		
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		grapevine), <i>Zinnia elegans</i> (zinnia)		
94.	[c]: <i>Phytophthora fragariae</i> Hickman, 1940; (Syn. <i>Phytophthora fragariae</i> var. <i>fragariae</i> Hickman, 1940, <i>Phytophthora fragariae</i> var. <i>oryzobladis</i> J.S. Wang & J.Y. Lu, 1978); Chromista/Stramenopila, Oomycota, Oomycetes, Peronosporae, Peronosporales, Peronosporaceae; red core, red stele disease, strawberry red stele root rot, raspberry root rot, red core disease of strawberry, red core of strawberry, red stele disease of strawberry, red stele of strawberry	<i>Fragaria</i> , <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria chiloensis</i> (chilean strawberry), <i>Fragaria vesca</i> (arbei, strawberry), <i>Rubus idaeus</i> (raspberry)	akar (roots), batang (stems), bibit (seedlings), media tanam (growing media associated with plants), stolon	Africa: Egypt America: Canada, Chile, Ecuador, Mexico, USA Asia: India, Israel, China, Japan, Lebanon, Syria, Taiwan Europe: Austria, Belgium, Bulgaria, Cyprus, Czechia,, Denmark, Finland, France, Germany, Ireland, Italy, Lithuania, Luxemburg, Netherlands, Norway, Russia, Scotland, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
95.	[c]: <i>Phytophthora megakarya</i> Brasier & M.J. Griffin (1979); Chromista/ Stramenopila, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; black pod of cocoa, seedling blight of cocoa, trunk canker	<i>Ananas comosus</i> (nanas, pineapple), <i>Carica papaya</i> (pepaya, papaya), <i>Colocasia esculenta</i> (talas, taro), <i>Elaeis guineensis</i> (kelapa sawit, oilpalm), <i>Mangifera indica</i> (mangga, mango), <i>Musa x paradisiaca</i> (pisang, banana), <i>Persea americana</i> (alpukat,	akar (roots), batang (stems above ground), trunks, branches), buah (fruits), daun (leaves), kayu (woods), kulit kayu (bark), polong (pods), tunas (shoots)	Africa: Cameroon, Equatorial Guinea, Gabon, Ghana, Guinea, Ivory Coast, Nigeria, Togo

	of cocoa	avocado), <i>Theobroma cacao</i> (kakao, cocoa), <i>Xanthosoma sagittifolium</i> (elephant ear)		
96.	[c]: <i>Phytophthora megasperma</i> Drechsler 1931; (Syn. <i>Pythiomorpha miyabeana</i> S. Ito & Nagai 1931, <i>Phytophthora megasperma</i> var. <i>megasperma</i> Drechsler 1931; Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; root rot, crown rot, trunk canker, collar rot, apoplexy, sudden wilt, fruit rot, stem blight, seed-piece rot, tuber rot, pod rot, black rot, blight, spear rot	<i>Abies lasiocarpa</i> (rocky mountain fir), <i>Actinidia deliciosa</i> (kiwi, kiwifruit), <i>Alcea rosea</i> (Hollyhock), <i>Asparagus officinalis</i> (asparagus), <i>Banksia</i> , <i>Brassica oleracea</i> (kubis, cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>botrytis</i> (kembang kol, <i>cauliflower</i>), <i>Brassica oleracea</i> var. <i>capitata</i> (kol, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica rapa</i> subsp. <i>pekinensis</i> , <i>Buddleia</i> (butterflybush), <i>Carthamus tinctorius</i> (safflower), <i>Castanea sativa</i> (kenari, chestnut), <i>Celtis australis</i> (European nettle wood), <i>Chamaecyparis lawsoniana</i> (Port Orford cedar), <i>Cicer arietinum</i> (chickpea) <i>Cytisus</i> (broom), <i>Dahlia</i> , <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i>	akar (roots), bahan perbanyakan tanaman (hasil mikropropagasi) (micropropagated plants), batang (stems above ground, trunks, branches), bibit (seedlings), daun (leaves), kayu (woods), kulit kayu (bark), media tanam (growing media associated with plants), polong (pods), tanaman (whole plant), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)	America: Argentina, Canada, Chile, USA Asia: China, India, Iran, Japan, Republic of Korea (South Korea), Philippines Europe: Bosnia and Herzegovina, Croatia, France, Greece, Ireland, Italy, Montenegro, North Macedonia, Scotland, Serbia, Slovenia, Spain, United Kingdom Oceania: Australia, New Zealand

		<p>(carnation), <i>Eucalyptus</i>, <i>Foeniculum vulgare</i> (fennel), <i>Juglans regia</i> (walnut), <i>Malus domestica</i> (apel, apple), <i>Matthiola incana</i>, <i>Medicago sativa</i> (lucerne), <i>Morus alba</i> (mora), <i>Narcissus</i> (daffodil), <i>Olea europaea</i>, <i>Parthenium argentatum</i> (guayule), <i>Pinus</i> (pines), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasus</i> (sour cherry), <i>Prunus domestica</i> (plum), <i>Prunus dulcis</i> (kacang almon, almond), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Pseudotsuga menziesii</i> (Douglas-fir), <i>Quercus cerris</i> (European Turkey oak), <i>Quercus faginea</i> (Lusitanian oak), <i>Ribes uva-crispa</i> (gooseberry), <i>Rubus idaeus</i> (raspberry), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Solanum lycopersicum</i> (tomat,tomato), <i>Solanum tuberosum</i> (kentang, potato),</p>		
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		<i>Sorbus aria</i> (whitebeam), <i>Sorbus aucuparia</i> (mountain ash), <i>Vicia faba</i> (kacang gude, faba bean)		
97.	[c]: <i>Phytophthora phaseoli</i> Thaxt. (1889); (Syn. <i>Phytophthora infestans</i> var. <i>phaseoli</i> (Thaxt.) Leonian (1925); Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; Phaseolus leaf blight, collar rot of lima bean	<i>Phaseolus lunatus</i> (kacang kratok, lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean)	akar (roots), batang (stems), biji (true seed), daun (leaves), media tanam (growing media associated with plants)	Africa: DR Congo America: Mexico, Puerto Rico, USA Asia: Philippines, Sri Lanka Europe: Italy, Russia
98.	[c]: <i>Phytophthora ramorum</i> Werres, De Cock & Main in't Veld, 2001; Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; sudden oak death, ramorum leaf blight, ramorum shoot dieback and sudden larch death	<i>Abies grandis</i> (grand fir), <i>Abies magnifica</i> (red fir), <i>Acer circinatum</i> , <i>Acer macrophyllum</i> (broadleaf maple), <i>Acer pseudoplatanus</i> (sycamore), <i>Adiantum aleuticum</i> , <i>Adiantum jordanii</i> (california maidenhair fern), <i>Aesculus californica</i> (California buckeye), <i>Aesculus hippocastanum</i> (horse chestnut), <i>Arbutus menziesii</i> (pacific madrone), <i>Arctostaphylos</i> (bearberry), <i>Arctostaphylos columbiana</i> (hairy manzanita),	batang (stems above ground, shoots, trunks, branches), daun (leaves), media tanam (growing media associated with plants), bibit (seedlings, micropropagated plants), kayu (wood)	America: Argentina, Canada, USA Europe: Belgium, Croatia, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxemburg, Netherlands, Norway, Poland, Portugal, Serbia, Slovenia, Switzerland, UK

		<p><i>Arctostaphylos manzanita</i>, <i>Calluna vulgaris</i> (heather), <i>camellia</i>, <i>Camellia japonica</i> (camellia), <i>Camellia sasanqua</i> (sasanqua), <i>Castanea sativa</i> (kenari, chestnut), <i>Ceanothus</i> <i>thyrsiflorus</i> (blueblossom ceanothus), <i>Chamaecyparis</i> <i>lawsoniana</i> (port orford cedar), <i>Cinnamomum camphora</i> (camphor laurel), <i>Corylus</i> <i>cornuta</i> (beaked hazel), <i>Corylus cornuta</i> var. <i>californica</i> (California hazel), <i>Fagus sylvatica</i> (common beech),, <i>Frangula californica</i>, <i>Fraxinus excelsior</i> (ash), <i>Gaultheria procumbens</i> (aromatic wintergreen), <i>Griselinia littoralis</i>, <i>Hamamelis virginiana</i> (Virginian witch-hazel), <i>Heteromeles salicifolia</i> (toyon), <i>Kalmia</i> (laurel), <i>Larix</i> (larches), <i>Larix kaempferi</i> (Japanese larch), <i>Laurus</i> <i>nobilis</i> (sweet bay), <i>Lithocarpus</i> (stone oaks), <i>Lonicera hispidula</i>, <i>Loropetalum chinense</i>,</p>		
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		<p><i>Magnolia stellata</i> (star magnolia), <i>Magnolia x loebneri</i>, <i>Maianthemum racemosum</i>, <i>Michelia doltsopa</i> (champ), <i>Notholithocarpus densiflorus</i> (tanoak), <i>Parrotia persica</i> (Persian ironwood), <i>Photinia fraseri</i>, <i>Picea sitchensis</i> (sitka spruce), <i>Pieris japonica</i> (lily-of-the-valley shrub), <i>Pseudotsuga menziesii</i> (douglas-fir), <i>Quercus agrifolia</i> (California live oak), <i>Quercus cerris</i> (European Turkey oak), <i>Quercus chrysolepis</i> (Canyon live oak), <i>Quercus falcata</i> (red oak), <i>Quercus ilex (holm oak)</i>, <i>Quercus kelloggii</i> (California black oak), <i>Quercus parvula</i> var. <i>shrevei</i>, <i>Rhamnus purshiana</i> (cascara buckthorn), <i>Rhododendron (azalea)</i>, <i>Rhododendron catawbiense</i>, <i>Rosa gymnocarpa</i>, <i>Salix caprea</i> (pussy willow), <i>Sambucus nigra</i> (elder), <i>Sequoia sempervirens</i> (coast redwood), <i>Syringa vulgaris</i> (lilac), <i>Taxus</i></p>		
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		<i>baccata</i> (English yew), <i>Toxicodendron diversilobum</i> , <i>Trientalis latifolia</i> , <i>Umbellularia californica</i> (California laurel), <i>Vaccinium</i> (blueberries), <i>Vaccinium</i> <i>myrtilus</i> (blueberry), <i>Vaccinium ovatum</i> (box blueberry), <i>Viburnum</i> , <i>Viburnum bodnantense</i> , <i>Viburnum tinus</i>		
99.	[c]: <i>Phytophthora sojae</i> Kaufm & Gerd., 1958; (Syn. <i>Phytophthora sojae</i> f.sp. <i>glycines</i> Faris <i>et al.</i> , <i>Phytophthora</i> <i>megasperma</i> var. <i>sojae</i> A.A. Hildebr. 1959); Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; root and stem rot, root and stem rot of soybean, root and stem rot of soybean	<i>Glycine max</i> (kedelai, soybean), <i>Lupinus</i> sp.	akar (roots), batang (stems above ground, trunks, branches), biji (true seeds), buah (fruits), daun (leaves), media tanam (tanah) (growing media associated with plants, soil), polong (pods), tunas (shoots)	Africa: South Africa America: Argentina, Brazil, Canada, Chile, USA Asia: China, India, Iran, Japan, Mongolia, Pakistan, Republic of Korea (South Korea) Europe: Bulgaria, Croatia, France, Italy, Poland, Russia, Slovenia, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand, Papua New Guinea
100.	[c]: <i>Phytophthora tropicalis</i> Chromista, Oomycota, Oomycetes, Peronosporales, Peronosporaceae;	<i>Annona cherimola</i> (cherimoya), <i>Anthurium</i> <i>andreaeanum</i> , <i>Arbutus unedo</i> (arbutus), <i>Artocarpus altilis</i> (breadfruit), Begonia, Camelia, <i>Capsicum annuum</i> (cabai,	akar (roots) daun (leaves), tanah (soils), tunas (shoots)	America: Brazil, Costa Rica, Cuba, Ecuador, Mexico, USA Asia: Taiwan, Vietnam Europe: Germany, Italy, Netherlands, Poland, Spain Oceania: French Polynesia

		<p>chillies) <i>Carica papaya</i> (pepaya, pawpaw, papaya), <i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cuphea ignea</i> (cigae flower), <i>Cyclamen persicum</i> (cyclamens), <i>Dianthus caryophyllus</i> (carnation), <i>Diascia vigilis</i>, <i>Epipremnum aureum</i>, <i>Epipremnum pinnatum</i> (centipede tongavine), <i>Hedera helix</i> (ivy), <i>Hevea brasiliensis</i> (karet, rubber), <i>Leucospermum</i>, <i>Lupinus albus</i> (lupin), <i>Macadamia integrifolia</i> (kacang macadamia, macadamia nut), <i>Pandorea jasminoides</i> (bowervine), <i>Pieris japonica</i> (lily of the valley shrub), <i>Piper nigrum</i> (lada hitam, black pepper), <i>Prunus americana</i> (aprikot, apricot), <i>Radermachera sinica</i> (China doll), <i>Rhododendron catawbiense</i>, <i>Rosmarinus officinalis</i> (rosemary), <i>Sechium edule</i> (chayote),</p>		
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		<i>Senecio cineraria</i> (dusty-miller), <i>Sesamum indicum</i> (sesame), <i>Sinningia speciosa</i> (gloxinia), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Theobroma cacao</i> (kakao, cocoa), <i>Vanilla</i> , <i>Verbena</i> (vervain)		
101.	[s]: - [a]: <i>Plenodomus destruens</i> Harter, 1913; (Syn. <i>Phomopsis destruens</i> (Harter) Boerema, Loer. & Hamers, 1996); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales; foot rot of sweet potato	<i>Ipomoea batatas</i> (ubi jalar, sweet potato)	batang (stems), biji (true seeds), umbi (tubers)	America: Brazil, Caribbean, USA Asia: China, South Korea
102.	[s]: - [a]: <i>Plenodomus tracheiphilus</i> (Petri) Gruyter, Aveskamp & Verkley, 2012; (Syn. <i>Bakerophoma tracheiphila</i> (Petri) Cif., 1946, <i>Deuterophoma tracheiphila</i> Petri, 1929,	<i>Citrus</i> spp., <i>Fortunella</i> , <i>Poncirus</i>	akar (roots), batang (stems), biji (true seeds), buah (fruits)	Africa: Algeria, Tunisia, Uganda. Asia: Georgia, Iraq, Israel, Lebanon, Syria, Turkey, Yemen Europe: Albania, Cyprus, France, Greece, Italy, Russia Oceania: Australia

	<p><i>Phoma tracheiphila</i> (Peri) L.A. Kantsch. & Gikaschvili, 1948); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales; mal secco disease of citrus, wilt of citrus, citrus wilt, citrus mal secco</p>			
103.	<p>[s]: <i>Podosphaera clandestina</i> (Wallr.) Lév., 1851; (Syn. <i>Erysiphe clandestina</i> (Wallr.) Link, 1842, <i>Erysiphe oxyacanthae</i> DC., 1815, <i>Podosphaera aucupariae</i> Erikss., 1886, <i>Podosphaera clandestina</i> var. <i>luxurians</i> U. Braun, 2012, <i>Podosphaera clandestina</i> var. <i>aucupariae</i> (Erikss.) U. Braun, 1984, <i>Podosphaera clandestina</i> var. <i>clandestina</i> (Wallr.) Lév., 1851, <i>Podosphaera clandestina</i> var. <i>cydoniae</i> N. Ahmad, A.K. Sarbhoy & Kamal, 1998, <i>Podosphaera</i></p>	<p><i>Crataegus monogyna</i> (hawthorn), <i>Cydonia oblonga</i> (kwinsi, quince), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus salicina</i> (prem Jepang, Japanese plum)</p>	<p>batang muda, buah (fruits), daun (leaves)</p>	<p>Africa: Libya, Mauritius, Morocco, Zimbabwe. America: Canada, USA Asia: Armenia, Azerbaijan, China, Hong Kong, India, Iran, Iraq, Japan, Kazakhstan, Kyrgyzstan, Lebanon, South Korea, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain,</p>

	<p><i>clandestina</i> var. <i>perlonga</i> U. Braun, 2012, <i>Podosphaera oxyacanthae</i> (DC.) de Bary, 1870, <i>Podosphaera oxyacanthae</i> subsp. <i>oxyacanthae</i> (DC.) de Bary, 1870, <i>Podosphaera oxyacanthae</i> f. <i>oxyacanthae</i> (DC.) de Bary, 1870, <i>Podosphaera</i> <i>oxyacanthae</i> var. <i>oxyacanthae</i> (DC.) de Bary, 1870);</p> <p>[a]: <i>Oidium crataegi</i> Grognot, 1882; (Syn. <i>Alphitomorpha</i> <i>clandestina</i> Wallr., 1819, <i>Alphitomorpha</i> <i>oxyacanthae</i> (DC.) Wallr. 1819);</p> <p>Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Erysiphales, Erysiphaceae; powdery mildew of cherry; powdery mildew of hawthorn; mildew of quince</p>			<p>Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
104.	<p>[s]: - [a]: <i>Polyscytalum pustulans</i></p>	<p><i>Solanum</i> spp., <i>Solanum</i> <i>tuberosum</i> (kentang, potato)</p>	<p>akar (roots), umbi (bulbs), batang (stems)</p>	<p>Africa: South Africa America: Canada, USA</p>

	(M.N. Owen & Wakef.) M.B. Ellis, 1976; (Syn. <i>Oospora pustulans</i> M.N. Owen & Wakef., 1919); Fungi, Ascomycota, Pezizomycotina; skin spot of potato		(above ground), trunks, branches), media tanam (growing media associated with plants), organ vegetatif, tunas (shoots)	Asia: Iran Europe: Estonia, Germany, Ireland, Lithuania, Netherlands, Norway, Romania, Russia, Scotland, United Kingdom Oceania: Australia, New Zealand
105.	[r]: <i>Puccinia asparagi</i> DC., 1805; (Syn. <i>Aecidium</i> <i>asparagi</i> Lasch, 1848, <i>Dicaeoma asparagi</i> (DC.) Kuntze, 1898, <i>Persooniella</i> <i>asparagi</i> (DC.) Syd., 1922, <i>Puccinia</i> <i>discoidearum</i> var. <i>asparagi</i> (DC.) Wallr., 1833, <i>Uredo</i> <i>asparagi</i> Lasch, 1848); Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales; Pucciniaceae; asparagus rust, rust of asparagus	<i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i> var. <i>agregatum</i> (bawang merah, shallot), <i>Allium tuberosum</i> (kucai), <i>Asparagus</i> <i>asparagoides</i> (bridal creeper), <i>Asparagus maritimus</i> , <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Asparagus officinalis</i> subsp. <i>officinalis</i> , <i>Asparagus scaber</i> , <i>Asparagus setaceus</i> (asparagus fern), <i>Asparagus</i> <i>verticillatus</i>	batang (stems (above ground, trunks, branches), bibit (seedlings), biji (true seeds, grains), daun (leaves), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)	Africa: Angola, Ethiopia, Kenya, Morocco, South Africa, Tanzania, Uganda, Zambia America: Canada, Cuba, Dominican Republic, Mexico, USA Asia: China, Georgia, India, Iran, Israel, Japan, Kazakhstan, Philippines, Taiwan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Azerbaijan, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia Oceania: New Zealand
106.	[r]: <i>Puccinia coronata</i> Corda, 1837; (Syn. <i>Aecidium</i>	<i>Agrostis capillaris</i> (brown bentgrass), <i>Agrostis gigantea</i> (black bent), <i>Agrostis</i>	batang (stems above ground, trunks, branches), bunga	Africa: Algeria, Canary Islands, Egypt, Ethiopia, Kenya, Morocco, Tanzania

	<p><i>crassum</i> Pers., 1801, <i>Aecidium frangulae</i> Schumach., 1803, <i>Aecidium irregulare</i> DC., 1805, <i>Aecidium rhamni</i> J.F. Gmel., 1792, <i>Caecoma crassatum</i> Link, 1825, <i>Dicaeoma gibberosum</i> (Lagerh.) Kuntze, 1898, <i>Dicaeoma rhamni</i> (J.F. Gmel.) Kuntze, 1898, <i>Puccinia calamagrostidis</i> P. Syd., 1892, <i>Puccinia coronata</i> Peturson, 1934, <i>Puccinia coronata</i> f. <i>agrostidis</i> Erikss., 1894, <i>Puccinia coronata</i> var. <i>arrhenatheri</i> Kleb., <i>Puccinia coronata</i> var. <i>avenae</i> W.P. Fraser & Ledingham, 1933, <i>Puccinia coronata</i> var. <i>bromi</i> W.P. Fraser & Ledingham, 1933, <i>Puccinia coronata</i> var. <i>calamagrostis</i> W.P. Fraser & Ledingham, 1933, <i>Puccinia coronata</i> var.</p>	<p><i>stolonifera</i> (creeping bentgrass), <i>Alopecurus aequalis</i> (dent foxtail), <i>Arrhenatherum elatius</i> (false oatgrass), <i>Avena sativa</i> (oat, oats), <i>Bromus erectus</i> (upright brome(grass)), <i>Bromus tectorum</i> (downy brome), <i>Calamagrostis epigejos</i>, <i>Festuca arundinacea</i> (reed fescue), <i>Festuca ovina</i> (sheeps fescue), <i>Festuca pratensis</i> (English bluegrass), <i>Festuca rubra</i> (red fescue), <i>Frangula alnus</i>, <i>Hordeum vulgare</i> (barli, barley), <i>Lolium rigidum</i> (rigid ryegrass), <i>Phalaris canariensis</i> (Canary grass), <i>Phleum pratense</i> (timothy), <i>Rhamnus</i> spp., <i>Secale cereale</i> (rye), <i>Trisetum flavescens</i> (yellow oatgrass), <i>Rhamnus caroliniana</i> (Carolina buckthorn), <i>Rhamnus cathartica</i> (buckthorn), <i>Rhamnus frangula</i> (alder buckthorn), turfgrasses</p>	<p>(flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots)</p>	<p>America: Argentina, Brazil, Canada, Chile, Mexico, USA, Uruguay Asia: China, India, Iran, Israel, Japan, Kazakhstan, Mongolia, Pakistan, Uzbekistan Europe: Austria, Belarus, Bosnia dan Herzegovina, Bulgaria, Croatia, Czech, Denmark, Estonia, Finland, France, Corsica, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
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	<p><i>coronata</i> Corda, 1837, <i>Puccinia coronata</i> f. <i>coronata</i> Corda, 1837, <i>Puccinia coronata</i> var. <i>elaegni</i> W. P. Frase & Ledingham, 1983, <i>Puccinia coronata</i> var. <i>epigejos</i> (S. Ito) Hirats. f., 1983, <i>Puccinia coronata</i> var. <i>festucae</i> Erikss., <i>Puccinia coronata</i> var. <i>gibberosa</i> (Lagerh.) Jørst., 1949, <i>Puccinia coronata</i> var. <i>golestanica</i> M. Abbasi & Hedjar., 2004, <i>Puccinia</i> <i>coronata</i> var. <i>elaegni</i> W.P. Fraser & Ledingham, 1933, <i>Puccinia</i> <i>coronata</i> var. <i>himalensis</i> B arclay, 1891, <i>Puccinia</i> <i>coronata</i> var. <i>holci</i> Kleb., <i>Puccinia</i> <i>coronata</i> f. <i>holci</i> Kleb., 1913, <i>Puccinia coronata</i> var. <i>hordei</i> H. Jin & Steff., 1999, <i>Puccinia</i> <i>coronata</i> var. <i>intermedia</i> Z . Urb., 1967, <i>Puccinia</i> <i>coronata</i></p>			
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<p>var. <i>lolii</i> Beeynck, 1854, <i>Puccinia coronate</i> var. <i>rangiferina</i> (S. Ito) Cummins, 1971, <i>Puccinia</i> <i>rangiferina</i> S. Ito, 1909, <i>Puccinia coronata</i> var. <i>secalis</i> Peturson, 1954, <i>Puccinia coronata</i> var. <i>sertata</i> Rabenh., 1858, <i>Puccinia coronati-</i> <i>hordei</i> M. Liu & Hambl., 2013, <i>Puccinia epigejos</i> S. Ito, 1909, <i>Puccinia</i> <i>gibberosa</i> Lagerh., 1888, <i>Puccinia lolii</i> E. Nielsen, 1875, <i>Puccinia rangiferina</i> S. Ito, 1909, <i>Puccinia</i> <i>rhamni</i> (J.F. Gmel.) Wettst., 1886, <i>Solenodonta</i> <i>coronata</i> (Corda) Syd., 1921 <i>Solenodonta</i> <i>epigejos</i> (S. Ito) Syd., 1921, <i>Solenodonta</i> <i>gibberosa</i> (Lagerh.) Syd., 1921, <i>Solenodonta</i> <i>rangiferina</i> (S. Ito) Syd., 1921); Fungi, Basidiomycota, Pucciniomycotina,</p>			
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	Pucciniomycetes, Pucciniales, Pucciniaceae; crown rust of grasses, crown rust of oat, crown rust, oat crown rust			
107.	[s]: <i>Pyrenophora teres</i> Dreschler; (Syn. <i>Pyrenophora teres</i> f. <i>maculata</i> Smed.-Pet. (1971), <i>Pyrenophora teres</i> f. <i>teres</i> Drechsler (1923), <i>Pyrenophora teres</i> subsp. <i>graminea</i> (S. Ito & Kurib.) Simay, (1992), <i>Pyrenophora teres</i> subsp. <i>Teres</i> Drechsler (1923)); [a]: <i>Drechslera teres</i> (Sacc.) Shoemaker (1959); (Syn. <i>Drechslera teres</i> f. <i>maculata</i> Smed.-Pet. (1971), <i>Drechslera teres</i> f. <i>teres</i> (Sacc.) Shoemaker (1959), <i>Drechslera teres</i> subsp. <i>teres</i> (Sacc.) Shoemaker (1959), <i>Helminthosporium hordei</i> Eidam (1891), <i>Helminthosporium teres</i> Sacc. (1886)); Fungi, Ascomycota,	<i>Avena sativa</i> (oat, oats), <i>Bromus inermis</i> (awnless brome), <i>Hordeum vulgare</i> (barlli, barley), Poaceae (grasses), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots)	Africa: Canary Islands, Egypt, Eritrea, Ethiopia, Kenya, Libya, Morocco, Saint Helena, South Africa, Tanzania, Tunisia, Zambia America: Argentina, Brazil, Canada, Colombia, Mexico, Peru, Uruguay, USA Asia: Afghanistan, Armenia, China, India, Iran, Iraq, Israel, Japan, Kyrgyzstan, Myanmar, Nepal, Pakistan, South Korea, Syria, Taiwan, Turkey, Turkmenistan, Uzbekistan Europe: Austria, Baltic States, Belarus, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain,

	Pezizomycotina, Dothideomycetes, Pleosporomycetidae, Pleosporales, Pleosporaceae; net blotch, net blotch of barley			Sweden, United Kingdom Oceania: Australia, New Zealand
108.	[s]: <i>Rosellinia necatrix</i> Berl. ex Prill., 1904; (Syn. <i>Hypoxyton necatrix</i> (Berl. ex Prill.) P.M.D. Martin, 1968, <i>Hypoxyton necatrix</i> (Berl. ex Prill.) P.M.D. Martin, 1976, <i>Rosellinia radiciperda</i> sensu auct. NZ; fide Nzfungi (2008)); [a]: <i>Dematophora necatrix</i> R. Hartig, 1883, <i>Pleurographium necator</i> (R. Hartig) Goid., 1935, <i>Rhizomorpha necatrix</i> R. Hartig, 1883); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Xylariales, Xylariaceae; Dematophora root rot, white root rot of trees	<i>Abies alba</i> , <i>Acacia</i> , <i>Acer</i> , <i>Actinidia deliciosa</i> (kiwi, kiwi fruit), <i>Aesculus</i> , <i>Annona</i> , <i>Asparagus officinalis</i> (asparagus, asparagus), <i>azalea</i> , <i>Begonia</i> , <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit, sugar beet), <i>Berberis</i> , <i>Boehmeria nivea</i> (rami, ramie), <i>Brassica oleracea capitata</i> (kubis, cabbage), <i>Camellia sinensis</i> (teh, tea), <i>Carya</i> , <i>Castanea sativa</i> , <i>Ceanothus megacarpus</i> , <i>Cedrus atlantica</i> , <i>Cerealia</i> , <i>Citrus</i> spp., <i>Coffea</i> spp. (kopi, coffee), <i>Corylus avellana</i> , <i>Cotoneaster</i> , <i>Crocasmia crocosmiiflora</i> , <i>Cydonia oblonga</i> , <i>Cynara scolymus</i> (artisyok, artichoke), <i>Cyclamen</i> , <i>Cyperus esculentus</i> , <i>Daucus carota</i> (wortel, carrot), <i>Dianthus</i> ,	akar (roots), batang (stems, above ground, trunks, branches), kayu (woods), kulit kayu (bark), media tanam (growing media associated with plants), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)	Africa: Central Africa, Democratic of the Republic Congo, Ethiopia, Kenya, Morocco, Mozambique, Nigeria, South Africa, Réunion, Zimbabwe America: Argentina, Brazil, Colombia, Dominica, Mexico, USA Asia: China, Georgia, India, Iran, Iraq, Israel, Japan, Lebanon, Philippines, South Korea, Taiwan, Turkey Europe: Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, France, Germany, Greece, Italy, Montenegro, Netherlands, North Macedonia, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: New Zealand

		<p><i>Diospyros, Eriobotrya japonica, Eucalyptus</i> spp. (eukaliptus, eucalyptus), <i>Fagus, Feijoa sellowiana, Ficus carica, Fragaria, Fragaria vesca</i> (stroberi, strawberry), <i>Gladiolus</i> hybrids, <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Humulus lupulus, Hyacinthus, Ilex aquifolium, Iris, Ixia, Jasminum sambac</i> (melati, jasmine), <i>Juglans, Juglans regia, Lavandula, Larix decidua, Ligustrum vulgare, Laurus nobilis, Malus, Malus domestica</i> (apel, apple), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Macadamia, Medicago sativa, Mangifera indica</i> (mangga, mango), <i>Morus, Narcissus, Olea europea</i> subsp. <i>europea</i> (zaitum, olive), <i>Paeonia, Passiflora quadrangularis</i> (markisa, passion-fruit, granadilla), <i>Persea americana</i> (alpukat, avocado), <i>Pelargonium, Phaseolus, Pistacia vera, Picea abies,</i></p>		
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		<p><i>Piper nigrum</i> (lada, pepper), <i>Pinus merkusii</i> (tusam, pinetree), Platanus, stone fruit, Populus, Protea, <i>Prunus cerasus</i> (kersen, <i>sour cherry</i>), <i>Punica granatum</i> (delima, pomegranate), Pyracantha, <i>Pyrus communis</i> (pir, pear), <i>Rosa</i> spp. (mawar, rose), Ribes, <i>Rubus</i> spp., <i>Rumex</i>, <i>Salix</i>, <i>Solanum tuberosum</i> (kentang, potato), <i>Sorbus aucuparia</i>, <i>Theobroma cacao</i> (kakao, cocoa), Tulipa, Ulmus, Viburnum, Vicia, Viola, Vitis, <i>Vitis vinifera</i> (anggur, grapevine), <i>Zantedeschia</i>, <i>Zea mays</i> (jagung, corn, maize), <i>Ziziphus jujuba</i></p>		
109.	<p>[s]: <i>Sarocladium strictum</i> (W. Gams) Summerb., 2011; (Syn. <i>Acremonium strictum</i> W. Gams, 1971, <i>Acremonium strictum</i> W. Gams & D.R Sumner, (1971), <i>Acremonium zeae</i> W. Gams & D.R Sumner, (1971), <i>Tilachlidium medietatis</i> Novobr (1972)); [a] <i>Cephalosporium</i></p>	<p><i>Agaricus bisporus</i> (jamur kancing, button mushroom), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Asparagus oficinalis</i> (asparagus), <i>Avena sativa</i> (oats), <i>Daucus carota</i> (wortel, carrot), <i>Glycine soja</i> (kedelai, soybean), <i>Gladiolus grandiflorus</i> (gladiol), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum</i></p>	<p>batang (stems), biji (true seeds, grains), buah (fruits), daun (leaves), media tanam (growing media associated with plants), polong (pods)</p>	<p>Africa: Burkina Faso, Cameroon, Egypt, Libya, Nigeria, South Africa, Uganda America: Argentina, Brazil, Chile, Mexico, USA Asia: China, India, Iran, Pakistan, Syria, Turkey Europe: Czech Republic, Italy, Netherlands, Poland, Russia, Slovakia, Spain Oceania: Australia</p>

	<p><i>acremonium</i> var. <i>natricis</i> Frágner, 1958; (Syn. <i>Hyalopus</i> <i>acremonium</i> (Corda) M. A. J. Barbosa, 1941, <i>Cephalosporium</i> majus (Penz.) Mussat, 1990, <i>Haplotrichum acremonium</i> (Corda) Pound & Clem., 1896, <i>Cephalosporium</i> <i>acremonium</i> var. <i>uniseptum</i> Masee, 1887, <i>Cephalosporium</i> <i>acremonium</i> Corda, 1839, <i>Cephalosporium</i> <i>acremonium</i> var. <i>acremonium</i> Corda, 1839); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreomycetidae, Hypocreales; Acremonium wilt, black bundle disease of maize, kernel rot of maize</p>	<p><i>sativum</i> (kacang polong, pea), Poaceae (rumput, grasses), <i>Quercus ilex</i> (holm oak), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)</p>		
110.	<p>[s]: <i>Saccharicola taiwanensis</i> (W.Y. Yen % C.C. Chi) O.E. Erikss. & D. Hawksw., 2003; (Syn. <i>Didymella</i></p>	<p><i>Saccharum officinarum</i> (tebu, sugarcane)</p>	<p>daun (leaves)</p>	<p>Asia: India, Japan, Philippines, Taiwan</p>

	<p><i>taiwanensis</i> (W.Y. Yen & C.C. Chi) Shoemaker & C.E. Babc., 1989); [a]: <i>Stagonospora taiwanensis</i> W.H. Hsieh, 1979; (Syn. <i>Cercospora taiwanensis</i> T. Matsumoto & W. Yamam., 1934, <i>Leptoshaeria taiwanensis</i> W.Y. Yen & C.C. Chi., 1952, <i>Mycovellosiella taiwanensis</i> (T. Matsumoto & W. Yamam.) X.J. Liu & Y.L Guo, 1988, <i>Pseudocercospora taiwanensis</i> (T. Matsumoto & W. Yamam.) J.M. Yen, 1981); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Massarinaceae; sugar cane leaf blight</p>			
111.	<p>[s]: <i>Schizothyrium pomi</i> (Mont. & Fr.) Arx., 1959; (Syn. <i>Gyrothyrium westerdijkiae</i> Arx. (1950); [a]: <i>Botryodiplodia pomi</i> (Mont. & Fr.) Cif (1946); (Syn. <i>Labrella pomi</i> Mont</p>	<p><i>Actinidia deliciosa</i> (kiwi), <i>Citrus</i> sp. (jeruk, orange), <i>Cydonia oblonga</i> (quince), <i>Dianthus caryophyllus</i> (anyelir, carnation), Diospyros, <i>Diospyros</i> sp. (Malabar ebony), Japanese</p>	buah (fruits)	<p>Africa: Tanzania, Togo, Zimbabwe America: USA Asia: Brunei Darussalam, China, India, Iran, Japan, Pakistan, Sri Lanka Europe: Austria, Czech</p>

	<p>(1834), <i>Leptothyrium pomi</i> (Mont.) Sacc (1880), <i>Leptothyrium pomi</i> A. Selby, 1920, <i>Microsticta pomi</i> (Mont.) (1849), <i>Microthyriella paludosa</i> C. Booth, 1958, <i>Microthyriella rubi</i>, Petr., 1923, <i>Schizothyria rubi</i> (Petr.), <i>Zygophiala jamaicensis</i> E. W. Mason;</p> <p>Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Schizothyriaceae; greasy blotch, flyspeck, sooty blotch</p>	<p>persimmon, <i>Malus domestica</i> (apel, apple), <i>Musa</i> sp., <i>Prunus domestica</i> (prem, plum), <i>Pyrus communis</i> (pir, pear), <i>Rubus fruticosus</i> (blackberry), <i>Rubus idaeus</i> (raspberry), <i>Vitis vinifera</i> (anggur, grapevine)</p>		<p>Republic, Germany, Montenegro, Netherlands, Portugal, Serbia, Romania, United Kingdom Oceania: New Zealand</p>
112.	<p>[c]: <i>Sclerophthora macrospora</i> (Sacc.) Thirum., C.G. Shaw & Naras.1953; (Syn. <i>Kawakamia macrospora</i> (Sacc.) Hara (1915), <i>Nozemina macrospora</i> (Sacc.) Tasugi (1931), <i>Phytophthora macrospora</i> (Sacc.) S. Ito & I. Tanaka (1940), <i>Phytophthora oryzae</i> (Brizi) Hara, 1939, <i>Sclerospora macrospora</i></p>	<p><i>Avena sativa</i> (oat, oats), <i>Avena sterilis</i> subsp. <i>ludoviciana</i> (winter wild oat), <i>Bromus inermis</i> (awnless brome), <i>Dactyloctenium aegyptium</i> (crowfoot grass), <i>Digitaria sanguinalis</i> (large crabgrass), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Eleusine coracana</i> (finger millet), <i>Eleusine indica</i> (goose grass), <i>Elymus repens</i> (quackgrass), <i>Eragrostis</i> (lovegrasses),</p>	<p>akar (roots), batang (stems (above ground)), trunks, branches), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants), tunas (shoots)</p>	<p>Africa: Ethiopia, Mauritius, Nigeria, South Africa, Uganda, Zimbabwe American: Brazil, Canada, Cuba, Mexico, Peru, USA, Venezuela Asia: China, India, Iran, Iraq, Japan, Kazakhstan, Pakistan, Republic of Korea (South Korea), Pakistan, Syria, Taiwan, Thailand, Turkey Europe: Austria, Bulgaria, Croatia, Denmark, Germany, Italy, Poland, Serbia, Slovenia,</p>

	<p>var. <i>macrospora</i> (Sacc.) Thirum., C.G. Shaw & Naras., 1953, <i>Sclerospora kriegeriana</i> Magnus, 1896, <i>Sclerospora macrospora</i> Sacc., 1890, <i>Sclerospora oryzae</i> Brizi, 1919); Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; downy mildew; crazy top of maize, yellow wilt of rice, witches' broom on maize</p>	<p><i>Hordeum vulgare</i> (barley), <i>Lolium temulentum</i> (darnel), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum capillare</i> (tumble panicgrass), <i>Pennisetum glaucum</i> (pearl millet), <i>Poa</i> (meadow grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Setaria viridis</i> (green foxtail), <i>Stenotaphrum secundatum</i> (buffalograss), <i>Sorghum bicolor</i> (sorghum, sorghum), <i>Triticum</i> (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), <i>Zoysia japonica</i> (Zoysia grass)</p>		<p>Switzerland Oceania: Australia, New Zealand</p>
113.	<p>[c]: <i>Sclerospora graminicola</i> (Sacc.) J. Schrot (1886); (Syn. <i>Peronospora graminicola</i> (Sacc.) Sacc., (1882), <i>Peronospora setariae</i> Pass., (1879), <i>Protomyces graminicola</i> Sacc., (1876), <i>Sclerospora graminicola</i> var. <i>graminicola</i> (Sacc.) J. Schröt., 1886, <i>Sclerospora graminicola</i> var. <i>setariae-italica</i> Traverso, 1902,</p>	<p><i>Echinochloa crus-galli</i> (barnyard grass), <i>Panicum miliaceum</i> (millet), <i>Pennisetum glaucum</i> (pearl millet), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Setaria italica</i> (foxtail millet), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mexicana</i> (teosinte)</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants), tunas (shoots)</p>	<p>Africa: Burkina Faso, Chad, Egypt, Eritrea, Gambia, Ghana, Ivory Coast, Malawi, Mali, Mauritania, Mozambique, Niger, Nigeria, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Canada, Mexico, Puerto Rico, USA Asia: Bhutan, China, Hong Kong, India, Iran, Israel, Japan, Kazakhstan, Pakistan, Republic</p>

	<p><i>Sclerospora setariae-italicae</i> (Traverso) Cif. & Sousa da Camara, 1963, <i>Ustilago urbanii</i> Magnus, 1878);</p> <p>Chromista/Stramenipila, Oomycota, Oomycetes, Sclerosporales, Sclerosporaceae;; downy mildew of pearl millet, green ear</p>			<p>of Korea (South Korea), Taiwan, Yemen</p> <p>Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Hungary, Italy, Macedonia, Montenegro, Netherlands, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, United Kingdom</p> <p>Oceania: Fiji</p>
114.	<p>[s]: -</p> <p>[a]: <i>Septoria pisi</i> Berk. 1853 (Westend. 1857);</p> <p>Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Dothideomycetidae, Mycosphaerellales, Mycosphaerellaceae;</p> <p>Septoria blight/blotch</p>	<p><i>Pisum sativum</i> (kapri, sweet pea)</p>	<p>biji (true seeds), daun (leaves), polong (pods)</p>	<p>America: Canada, USA</p> <p>Europe: Croatia, Denmark, Finland, Ireland, Norway, Sweden</p> <p>Oceania: New Zealand</p>
115.	<p>[s]: -</p> <p>[a]: <i>Septoria selenophomoides</i> E.K. Cash & A.M.J. Watson, 1955;</p> <p>Fungi, Ascomycota, Dothideomycetes, Capnodiales, Mycosphaerellaceae;</p>	<p><i>Cattleya</i> spp., Orchidaceae, <i>Laelia</i> spp., <i>Odontoglossum</i> spp.</p>	<p>daun (leaves), tangkai bunga (pedicel)</p>	<p>America: Mexico</p>

	leaf spot of Orchidaceae			
116.	[s]: - [a]: <i>Setophoma terrestris</i> (H.N. Hansen) Gruyter, Aveskamp & Verkley (2010); (Syn. <i>Phoma terrestris</i> H.N. Hansen (1929), <i>Pyrenochaeta terrestris</i> (H.N. Hansen) Gorenz, J.C. Walker & Larson (1948)); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Phaeosphaeriaceae; onion pink root	<i>Allium</i> spp., <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Brassica</i> sp., Canola, <i>Cucurbita maxima</i> , <i>Cucurbita moschata</i> (labu, squash), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), tanaman (whole plant), umbi (bulbs)	Africa: Egypt, Mauritius, Senegal, Sudan, Uganda, Zambia. America: Argentina, Colombia, Costa Rica, USA, Venezuela Asia: Bangladesh, Bhutan, Brunei Darussalam, China, Hong Kong, India, Japan, Malaysia, Pakistan, Sri Lanka Europe: Germany, Netherlands, United Kingdom Oceania: Australia
117.	[s]: <i>Sporisorium reilianum</i> (J.G. Kühn) Langdon & Fullerton 1978 (Syn. <i>Sphacelotheca reiliana</i> (J.G. Kühn) G.P. Clinton, 1902; <i>Cintractia reiliana</i> (J.G. Kühn) Clinton, 1900, <i>Sorosporium holci-sorgi</i> (Rivolta) Moesz, 1950, <i>Sorosporium holci-sorghii</i> f.sp <i>holci-sorghii</i> (Rivolta)	Andropogon, <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (rumput gelagah, Johnson grass), <i>Sorghum sudanense</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweet corn) <i>Zea mexicana</i> (<i>Zea mays</i> subsp. <i>mexicana</i>)	akar (roots), batang (stems above ground, trunks, branches), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants), tunas (shoots)	Africa: Burkina Faso, Burundi, Cameroon, Chad, DR Congo, Egypt, Erythrea, Ethiopia, Ghana, Kenya, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Niger, Nigeria, Rwanda, Senegal, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, Bolivia, Brazil, Canada, Chile,

	<p>Moesz, 1950, <i>Sorosporium holci-sorghii</i> f.sp <i>zeae</i> (Pass.) Savul, 1955, <i>Sorosporium holci-sorghii</i> f.sp <i>zeae</i> (Pass.) Savul, 1957, <i>Sorosporium reilianum</i> (J.G. Kühn) McAlpine, 1910, <i>Sphacelotheca holci-sorgii</i> Cif., 1938, <i>Sphacelotheca reiliana</i> var. <i>reiliana</i> (J.G. Kühn) G.P. Clinton, 1902, <i>Sphacelotheca reiliana</i> var. <i>zeae</i> (Pass.) Al-Sohaily, Mankin & Semeniuk, 1963, <i>Sporisorium holci-sorghii</i> (Rivolta) Vánky, 1985, <i>Sporisorium reilianum</i> (J.G. Kühn) Langdon & Full., 1978, <i>Ustilago holci-sorghii</i> Rivolta, <i>Ustilago reiliana</i> J,G Kühn, 1875, <i>Ustilago reiliana</i> f.sp <i>zeae</i> Pass.); Fungi, Basidiomycota, Microbotryomycetes, Microbotryales; Microbotryaceae; head smut of maize, loose smut</p>			<p>Colombia, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Panama, USA, Uruguay Asia: Bhutan, China, India, Iran, Iraq, Israel, Japan, Kazakhstan, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Yemen Europe: Austria, Bosnia and Herzegovina, Bulgaria, Czech Republic, Croatia, Cyprus, Estonia, France, Germany, Greece, Hungary, Italy, Moldova, Montenegro, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Serbia Spain, Switzerland, Ukraine Oceania: Australia, New Zealand, Papua Nugini-</p>
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118.	[s]: <i>Sporisorium cruentum</i> (J.G.Kühn) Vánky, 1985; (Syn. <i>Sphacelotheca cruenta</i> (J.G. Kühn) Potter, 1912, <i>Sphacelotheca holci</i> H.S. Jacks., 1934, <i>Ustilago cruenta</i> J.G. Kühn. 1872); Fungi, Basidiomycota, Ustilaginomycetes, Ustilaginales, Ustilaginaceae; loose kernel smut, loose smut, sorghum loose kernel smut	<i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum arundinaceum</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum caffrorum</i> , <i>Sorghum sudanense</i> (Sudan grass)	biji (true seeds)	Africa: Botswana, Burundi, Cameroon, Central Africa, Chad, DR Congo, Egypt, Eritrea, Eswatini, Ethiopia, Gambia, Ghana, Kenya, Malawi, Mauritius, Morocco, Mozambique, Niger, Nigeria, Rwanda, Senegal, Somalia, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, Brazil, Costa Rica, Cuba, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, USA, Venezuela Asia: Afghanistan, China, India, Iran, Iraq, Israel, Japan, Lebanon, Myanmar, Pakistan, South Korea, Taiwan, Turkey, Yemen Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Germany, Greece, Hungary, Italy, Macedonia, Montenegro, Poland, Russia, Serbia, Slovakia, Slovenia
119.	[s]: <i>Stromatinia cepivora</i> (Berk.) Whetzel, 1945);	<i>Allium</i> , <i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i>	akar (roots), batang (stems (above	Africa: Egypt, Ethiopia, Libya, South Africa, Uganda, Zimbabwe

	[a]: <i>Sclerotium cepivorum</i> Berk., 1841; Fungi, Ascomycota, Pezizomycotina, Leotiomyces, Leotiomycetidae, Helotiales, Sclerotiniaceae; white rot of onion and garlic, onion white root rot, bulb rot of onion, Allium white rot, onion white rot	var. <i>aggregatum</i> (bawang merah, shallot), <i>Allium fistulosum</i> (bawang daun, welsh onion), <i>Allium porrum</i> (bawang prei, leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Allium schoenoprasum</i> (lokio, chives)	ground), trunks, branches), umbi (bulbs), tunas (shoots)	America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Guyana, Mexico, Uruguay, USA, Venezuela Asia: China, India, Iran, Japan, Oman, Philippines, Republic of Korea (South Korea) Europe: Austria, Bulgaria, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand
120.	[s]: <i>Stromatinia gladioli</i> (Drayton) Whetzel, 1945; (Syn. <i>Sclerotinia gladioli</i> Drayton (1934); [a]: <i>Sclerotium gladioli</i> Massey (1928); Fungi, Ascomycota, Leotiomyces, Helotiales, Sclerotiniaceae; dry rot of gladiolus, corm rot	<i>Crocus sativus</i> (saffron, saffron), <i>Gladiolus hybrids</i>	akar (roots), batang (stems), umbi corms)	Africa: South Africa, Zimbabwe Asia: India Europe: Norway, Spain, United Kingdom Oceania: Australia, New Zealand
121.	[s]: - [a]: <i>Synchytrium endobioticum</i> (Schilb.)	<i>Capiscastrum</i> spp., <i>Datura</i> spp., <i>Duboisia</i> spp., <i>Hyoscyamus niger</i> , <i>Lycium</i>	akar (roots), batang (stems (above ground), trunks,	Africa: South Africa, Tunisia America: Bolivia, Canada, Chile, Ecuador, Falkland Islands, Peru,

	<p>Percival (1909); (Syn. <i>Chrysophlyctis endobiotica</i> Schilb. (1896), <i>Synchytrium solani</i> Massee (1910); Fungi, Chytridiomycota, Chytridiomycetes, Chytridiales, Synchytriaceae; wart disease of potato, black wart of potato, potato black scab, potato wart disease</p>	<p>spp., <i>Nicandra physaloides</i>, <i>Nicotiana</i> spp., <i>Physalis</i> spp., <i>Schizanthus</i> spp., <i>Solanum americanum</i>, <i>Solanum dulcamara</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato)</p>	<p>branches), daun (leaves), media tanam (growing media associated with plants), umbi (bulbs, tubers, corms, rhizomes), tunas (shoots)</p>	<p>USA Asia: Armenia, Bhutan, China, Georgia, India, Nepal, Turkey Europe: Belarus, Bulgaria, Bosnia and Herzegovina, Bulgaria, Czechia, Denmark, Estonia, Faroe Islands, Finland, Germany, Greece, Ireland, Italy, Latvia, Luxembourg, Montenegro, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Slovakia, Sweden, Ukraine, United Kingdom Oceania: New Zealand</p>
122.	<p>[sm]: <i>Thecaphora solani</i> (Thirum & M.J. O'Brien) Mordue (1988); (Syn. <i>Angiosorus solani</i> Thirum. & M.J. O'Brien (1974); Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Urocystidales, Glomosporiaceae; potato smut, Thecaphora smut</p>	<p><i>Datura stramonium</i>, <i>Solanum aianhuii</i>, <i>Solanum curtilobum</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum phureaia</i>, <i>Solanum stenotomum</i>, <i>Solanum stoloniferum</i>, <i>Solanum nigrum</i> (leunca, nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum tuberosum</i> subsp. <i>andigenum</i>, <i>Solanum x chauca</i></p>	<p>batang (stems above ground, trunks, branches), daun (leaves), umbi (tubers), tunas (shoots)</p>	<p>America: Bolivia, Chile, Colombia, Ecuador, Mexico, Panama, Peru, Uruguay, Venezuela Europe: Netherlands, Slovenia</p>

123.	<p>[s]: <i>Teratosphaeria zuluensis</i> (M.J. Wingfield, Crous & T.A. Coutinho) M.J. Wingfield & Crous 2009; (Syn. <i>Colletogloeopsis zuluense</i>, <i>Colletogloeopsis zuluensis</i>, <i>Coniothyrium zuluense</i>, <i>Kirramyces zuluensis</i>, <i>Readeriella zuluensis</i>)</p> <p>[a]: - Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Capnodiales, Teratosphaeriaceae; stem canker of eucalyptus</p>	<p><i>Corimbia citriodora</i>, <i>Eucalyptus camaldulensis</i>, <i>Eucalyptus cloeziana</i>, <i>Eucalyptus grandis</i>, <i>Eucalyptus nitens</i>, <i>Eucalyptus tereticornis</i>, <i>Eucalyptus urophylla</i></p>	<p>batang (stems), cabang (branches)</p>	<p>Africa: Ethiopia, Malawi, South Africa, Uganda, Zambia America: Argentina, Mexico, Paraguay Asia: China, Thailand, Vietnam</p>
124.	<p>[sm]: <i>Tilletia controversa</i> J. G. Kühn, 1874; (Syn. <i>Tilletia aegilopsidis</i> Golovin, 1952, <i>Tilletia brevifaciens</i> G. W. Fisch., 1952, <i>Tilletia controversa</i> var. <i>controversa</i> J. G. Kühn, 1874, <i>Tilletia nanifica</i> F. Wagner ex Sävul., 1956, <i>Tilletia tritici</i> var. <i>controversa</i> (J. G. Kühn) Kawchuk, 1988, <i>Tilletia</i></p>	<p><i>Agropyron</i> (wheatgrass), <i>Hordeum vulgare</i> (barli, barley), Poaceae (grasses), <i>Secale cereal</i> (rye), <i>Triticum</i>, <i>Triticum aestivum</i> (gandum, wheat)</p>	<p>batang (stems) (above the ground), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx)</p>	<p>Africa: Algeria, Libya, Tunisia America: Canada, USA Asia: Afghanistan, Armenia, Georgia, Iran, Iraq, Japan, Kazakhstan, Kyrgystan, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Albania, Austria, Bulgaria, Croatia, Czechia, Greece, Hungary, Italy, Latvia, Luxembourg, Moldova, Montenegro, Poland, Romania, Russia, Slovakia, Slovenia,</p>

	<p><i>tritici</i> subsp. <i>nanifica</i> F. Wagner, 1950, <i>Tilletia tritici-nanifica</i> F. Wagner, 1950); Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Exobasidiomycetes, Tilletiales, Tilletiaceae; dwarf bunt of wheat</p>			Sweden, Switzerland, Ukraine
125.	<p>[sm]: <i>Tilletia indica</i> Mitra, 1931; (Syn. <i>Neovossia indica</i> (Mitra) Mundk., 1941); Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Exobasidiomycetes, Tilletiales, Tilletiaceae; karnal bunt of wheat, Indian bunt of wheat, partial bunt of wheat, new bunt</p>	<p><i>Triticum aestivum</i> (gandum, wheat)</p>	<p>biji (true seeds), polong (pods)</p>	<p>Africa: South Africa America: Mexico, USA Asia: Afghanistan, India, Iran, Iraq, Nepal, Pakistan</p>
126.	<p>[c]: <i>Trachysphaera fructigena</i> Tabor & Bunting (1923); Chromista, Oomycota, Oomycetes, Pythiales, Pythiaceae; cigar end rot of banana, berry rot of coffee, fungus rot of banana, mealy pod of cacao,</p>	<p><i>Citrus</i>, <i>Coffea</i> spp. (kopi, coffee), <i>Coffea liberica</i> (kopi, Liberian coffee tree) <i>Musa</i> spp. (pisang, banana), <i>Malus</i>, <i>Persea americana</i> (alpukat, avocado), <i>Prunus</i>, <i>Pyrus</i>, <i>Theobroma cacao</i> (kakao, cocoa)</p>	<p>buah (fruits), bunga (flowers, inflorescences, cones, calyx), polong (pods)</p>	<p>Africa: Cameroon, Central Africa, Chad, Congo, DR Congo, Equatorial Guinea, Gabon, Ghana, Guinea, Ivory Coast, Madagascar, Nigeria, Sierra Leone</p>

	fruit rot of coffee, pod rot of cacao			
127.	<p>[s]: <i>Urocystis agropyri</i> (Preuss) A.A. Fisch. Waldh., 1867; (Syn. <i>Polycystis agropyri</i> (Preuss) J. Schröt., 1877, <i>Tuburcina agropyri-campestris</i> Massenot 1955, <i>Tuburcina occulta</i> var. <i>agropyri</i> (Preuss) Ellis 1879, <i>Tuburcina tritici</i> (Körn) Liro 1922, <i>Tuburcinia agropyri</i> (Preuss) Liro, 1922, <i>Uredo agropyri</i> Preuss, 1848), <i>Urocystis agropyri</i> (Preuss) Schroet. 1869, <i>Urocystis agropyri-campestris</i> (Massenot) H. Zogg 1986), <i>Urocystis preussii</i> J.G. Kuhn 1874, <i>Urocystis tritici</i> Körnicke 1877;</p> <p>[a]: - Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Urocystidales, Urocystidaceae; flag smut, flag smut of wheat, stem smut, stripe smut</p>	<p><i>Aegilops triuncialis</i> var. <i>triuncialis</i>, <i>Agropyron</i> spp. (wheatgrass), <i>Agrotis</i> (bentgrasses), <i>Agrostis capillaris</i> (common bent), <i>Agrostis stolonifera</i> var. <i>palustris</i> (rumpuk Peking, bent grass), <i>Agropyron smithii</i> (western wheat grass), <i>Alopecurus</i> (foxtails), <i>Avena sativa</i> (oats), <i>Bromus</i> (brome grasses), <i>Bromus carinatus</i> (California brome grass), <i>Bromus marginatus</i> (mountain brome(grass)), <i>Calamagrostis canadensis</i>, <i>Carex</i> spp. (sedges), <i>Dactylis glomerata</i> (cocksfoot), <i>Elymus</i> spp. (wildrye), <i>Elymus repens</i> (quackgrass), <i>Elymus smithii</i> (Colorado bluestem), <i>Festuca</i> spp. (fescues), <i>Festuca rubra</i> (red fescue), <i>Glyceria</i> (mannagrass), <i>Holcus</i> (softgrasses), <i>Lolium</i> spp. (ryegrasses), <i>Lolium multiforum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial</p>	<p>batang (stems (above ground), batang (trunks), ranting (branches), biji (true seeds, grains), bibit (seedlings), bunga (inflorescences), daun (leaves), malai, tangkai, media tanam (growing media associated with plants), umbi (bulbs, tubers, corms, rhizomes), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)</p>	<p>Africa: Algeria, Egypt, Libya, Morocco, South Africa, Tunisia America: Argentina, Bolivia, Canada, Chile, Falkland Islands, Greenland, Guatemala, Mexico, USA, Uruguay, Venezuela Asia: Afghanistan, China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Kazakhstan, Mongolia, Nepal, Pakistan, Republic of Korea (South Korea), Taiwan, Turkey, Uzbekistan Europe: Bulgaria, Cyprus, Czechia, Estonia, Finland, France, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>

		ryegrass), <i>Phleum pretense</i> (Timothy grass), <i>Poa</i> spp. (meadow grass), <i>Poa pratensis</i> (smooth meadow-grass), <i>Thinopyrum elongatum</i> , <i>Trisetum</i> spp., <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum dicoccum</i> , <i>Triticum turgidum</i> (durum wheat)		
128.	[sm]: <i>Urocystis cepulae</i> Frost, 1877; (Syn. <i>Tuburcinia cepulae</i> (Frost) Liro, 1922, <i>Tuburcinia magica</i> (Pass.) Liro, 1922, <i>Urocystis colchici</i> var. <i>capulae</i> Cooke, 1877, <i>Urocystis magica</i> Pass., 1875); Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Urocystidales, Urocystidaceae; onion smut, leek smut	<i>Allium</i> spp., <i>Allium cepa</i> (bawang bombai, onion), <i>Allium chinense</i> (bawang rakkyo, spring onion), <i>Allium porrum</i> (bawang prei, leek), <i>Allium rothii</i> , <i>Allium sativum</i> (bawang putih, garlic), <i>Antirrhinum</i> spp. (bunga naga, snap dragon)	batang (stems (above ground), tunas (shoots), batang (trunks), ranting (branches), umbi (bulbs, tubers, corms, rhizome), daun (leaves)	Africa: Egypt, Gabon, Morocco America: Canada, Chile, Cuba, Mexico, Peru, Puerto Rico, Saint Lucia, USA Asia: China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Kazakhstan, Nepal, Pakistan, Philippines, Republic of Korea (South Korea), Tajikistan, Taiwan, Thailand Europe: Austria, Belgium, Bulgaria, Czechia, Denmark, Finlandia, France, Germany, Greece, Italy, Malta, Montenegro, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand
129.	[sm]: <i>Urocystis gladiolicola</i>	<i>Crocus</i> sp., <i>Gladiolus</i> spp.,	daun (leaves), umbi	Africa: Kenya

	<p>Ainsw., 1950; (Syn. <i>Tuburcinia gladiolicola</i> (Ainsw.) Cif., 1963, <i>Tuburcinia gladioli</i> (Requien) Liro, <i>Urocystis gladioli</i> W.G. Smith);</p> <p>Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Urocystidales, Urocystidaceae; Smut</p>	<p><i>Gladiolus imbricatus</i>, <i>Gladiolus italicus</i>, <i>Gladiolus palustris</i>, <i>Scirpus pumilus</i></p>	<p>(corms)</p>	<p>America: USA Asia: Iran Europe: United Kingdom</p>
130.	<p>[r]: <i>Uromycladium tepperianum</i> (Sacc.) McAlpine, 1906; (Syn. <i>Coeomurus tepperianus</i> (Sacc.) Kuntze, 1898, <i>Uromyces tepperianus</i> Sacc., 1889);</p> <p>Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Pileolariaceae; rust, gall rust</p>	<p><i>Acacia saligna</i> (akasia, Port jackson wattle), <i>Falcataria falcata</i> (Syn. <i>Falcataria mollucana</i>, <i>Paraserianthes falcataria</i>, <i>Albizia falcataria</i>) (sengon, silk tree)</p>	<p>batang (stems), bibit (seedlings)</p>	<p>Africa: South Africa Asia: Philippines, Malaysia Oceania: Australia, Papua Nugini</p>
131.	<p>[sm]: <i>Ustilago nuda</i> (C. N. Jensen) Kellerm. & Swingle, 1890); (Syn. <i>Ustilago nuda</i> var. <i>hordei</i> C. N. Jensen, 1888, <i>Ustilago nuda</i> var. <i>nuda</i> (C. N. Jensen)</p>	<p><i>Hordeum vulgare</i> (barli, barley), <i>Secale cereale</i> (barli, barley), <i>Triticum aestivum</i> (gandum, wheat)</p>	<p>biji (true seeds), bunga (inflorescences), daun (leaves), tangkai malai</p>	<p>Africa: Egypt, Ethiopia, Kenya, Libya, Malawi, Mauritius, Nigeria, Sudan, Tanzania, Uganda, Zambia, Zimbabwe America: Bolivia, Canada, USA Asia: China, India, Iran, Iraq, Pakistan</p>

	<p>Kellerm. & Swingle, 1890, <i>Ustilago nuda</i> var. <i>tritici</i> G.W. Fisch. & C.G. Shaw, <i>Ustilago segetum</i> var. <i>nuda</i> C. N. Jensen, 1888, <i>Ustilago tritici</i> C. Bauhin, 1596, <i>Ustilago vavilovii</i> Jacz., 1925); Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Ustilaginales, Ustilaginaceae; barley loose smut, loose wheat smut</p>			<p>Europe: Austria, Cyprus, Denmark, Finland, Ireland, Italy, Latvia, Malta, Poland, Romania, Russia, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
132.	<p>[s]: - [a]: <i>Uwemyces elaeidis</i> (Steyaert) Hern.-Restr., G. A. Sarria & Crous, 2016; (Syn. <i>Cercospora elaeidis</i> Steyaert, 1948, <i>Pseudospiropes elaeidis</i> (Steyaert) Deighton, 1986); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Mycosphaerellales, Mycosphaerellaceae; Cercospora leaf spot, freckle of oil palm, leaf spot of oil palm, oil palm leaf spot</p>	<p><i>Elaeis guineensis</i> (kelapa sawit, oilpalm)</p>	<p>biji (true seeds), buah (fruits), daun (leaves)</p>	<p>Africa: Angola, Antilles Netherlands, Benin, Cameroon, Ivory Coast, Democratic Republic of the Congo, Congo, Gabon, Ghana, Guinea-Bissau, Guinea, Liberia, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Sudan, Suriname Tanzania, Togo, Zimbabwe Oceania: Australia</p>

133.	<p>[s]: <i>Venturia inaequalis</i> (Cooke) G. Winter, 1875; (Syn. <i>Didymosphaeria inaequalis</i> (Cooke) Niessl, 1881, <i>Endostigme cinerascens</i> (Rabenh.) Jörst. <i>Endostigme inaequalis</i> (Cooke) Syd., 1923, <i>Mycosphaerella cinerascens</i> (Rabenh.) Vestegr., 1897, <i>Sphaerella cinerascens</i> Rabenh., 1865, <i>Sphaerella inaequalis</i> Cooke, 1866, <i>Venturia inaequalis</i> var. <i>cinerascens</i> (Rabenh.) Aderh., 1897, <i>Venturia inaequalis</i> var. <i>inaequalis</i> (Cooke) G. Winter, 1875);</p> <p>[a]: <i>Cladosporium dendriticum</i> Wallr., 1833; (Syn. <i>Cladosporium dendriticum</i> var. <i>dendriticum</i> Wallr., 1833, <i>Cladosporium dendriticum</i> var. <i>heteromeles</i> Harkn., 1881, <i>Fusicladium amelanchieris</i> (Sacc.) Oliviera, <i>Fusicladium dendriticum</i> (Wallr.)</p>	<p>Cotoneaster, <i>Crataegus laevigata</i>, <i>Malus baccata</i> (Siberian crab apple), <i>Malus domestica</i> (apel, apple), <i>Malus floribunda</i>, <i>Malus</i>, <i>Pyracantha</i>, <i>Pyrus communis</i> (pir, pear), <i>Sorbus</i>, <i>Viburnum</i></p>	<p>batang (stems (above ground), cabang (trunks), ranting (branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Africa: Egypt, Ethiopia, Ghana, Kenya, Libya, Madagascar, Morocco, South Africa, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, El Salvador, Guatemala, Mexico, Panama, Peru, USA, Uruguay Asia: Afghanistan, Bhutan, China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Syria, Turkey, Uzbekistan Europe: Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Faore Island, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Jersey, Lithuania, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand</p>
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	<p>Fuckel, 1870, <i>Fusicladium dendriticum</i> f. <i>dendriticum</i> (Wallr.) Fuckel, 1870, <i>Fusicladium dendriticum</i> var. <i>dendriticum</i> (Wallr.) Fuckel, 1870, <i>Fusicladium dendriticum</i> var. <i>eriobotryae</i> Scalia, 1901, <i>Fusicladium dendriticum</i> var. <i>eriobotryae</i> Scalia, 1901, <i>Fusicladium dendriticum</i> f. <i>fruticola</i> Ferraris, 1910, <i>Fusicladium dendriticum</i> f. <i>microsperma</i> Roum., 1891, <i>Fusicladium dendriticum</i> var. <i>opuli</i> Thüm., 1874, <i>Fusicladium dendriticum</i> var. <i>soraueri</i> (Thüm.) Sacc., 1886, <i>Fusicladium dendriticum</i> var. <i>sorbi-torminalis</i> Sävul. & Sandu, 1933, <i>Fusicladium dendriticum</i> var. <i>sorbinum</i> Sacc., 1905, <i>Fusicladium pomi</i> (Fr.) Lind, 1913, <i>Fusicladium pyrorum</i> var. <i>amelanchieris</i> Sacc., 1886,</p>			
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	<p><i>Napicladium soraueri</i> Thüm., 1875, <i>Passalora dendritica</i> (Wallr.) Sacc., 1878, <i>Passalora dendritica</i> var. <i>dendritica</i> (Wallr.) Sacc., 1878, <i>Spilocaea pomi</i> Fr., 1819, <i>Spilosticta cinerascens</i> (Rabenh.) Petr., 1947, <i>Spilosticta inaequalis</i> (Cooke) Petr., 1940); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporomycetidae, Venturiales, Venturiaceae; apple scab, apple black spot, apple scab, black spot</p>			
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9. BAKTERI (*BACTERIA*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Burkholderia gladioli</i> pv. <i>agaricola</i> (Lincoln <i>et al.</i> 1991) Young <i>et al.</i> 1996; (Syn. <i>Pseudomonas gladioli</i> pv. <i>agaricola</i> Lincoln <i>et al.</i> (1991))	Edible Mushroom (<i>Agaricus bitorquis</i> , <i>Flammulina velupies</i> , <i>Grifola frondos</i> (maitake, dancing mushroom), <i>Hypsizygus marmoreus</i> , <i>Lentinula edodes</i> , <i>Pholiota nameko</i> (nameko), <i>Pleurotus ostreatus</i> (jamur tiram, tree oyster mushroom))	part of mushroom	Asia: Japan, Republic of Korea (South Korea) Europe: United Kingdom Oceania: New Zealand
2.	<i>Burkholderia gladioli</i> pv. <i>alliicola</i> (Burkholder 1942) Comb. nov; (Syn. <i>Phytomonas alliicola</i> Burkholder 1942, <i>Pseudomonas alliicola</i> (Burkholder) Starr and Burkholder 1942, <i>Pseudomonas gladioli</i> pv. <i>alliicola</i> (Burkholder 1942) Young <i>et al.</i> , 1978);	<i>Allium cepa</i> (bawang bombay, onion), <i>Daucus carota</i> (wortel, carrot), <i>Iris</i> spp. (irises), <i>Narcissus tazetta</i> (<i>Polyanthus narcissus</i>), <i>Tulipa</i> spp. (tulip)	akar (roots), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media), sisa tanaman (plant debris), tanah (soils), umbi (bulbs, corms, tubers)	America: Brazil, Asia: Israel, Europe: Slovenia, Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	slippery skin of onion, bacterial rot of onion, soft rot of onion			
3.	<i>Burkholderia gladioli</i> pv. <i>gladioli</i> (Severini) Yabuuchi <i>et al.</i> 1993; (Syn. <i>Bacterium gladioli</i> (Severini) Elliott 1930, <i>Bacterium marginatum</i> McCulloch 1921, <i>Chlorobacter marginatus</i> (McCulloch) Patel and Kulkarni 1951, <i>Phytomonas</i> <i>gladioli</i> (Severini) Magrou 1937, <i>Phytomonas</i> <i>marginata</i> (McCulloch) Bergey <i>et al.</i> 1923, <i>Pseudomonas gladioli</i> Severini 1913, <i>Pseudomonas</i> <i>marginata</i> (McCulloch) Stapp 1928); bacterial scab of <i>Gladiolus</i> spp., blight of <i>Gladiolus</i> spp.; gladiolus scab; leaf spot of	<i>Adiantum</i> (maidenhair ferns), <i>Asplenium nidus</i> (paku sarang burung, bird's nest fern), <i>Crocus</i> spp., <i>Cyrtomium</i> <i>falcatum</i> (Japanese holly fern), <i>Dendrobium</i> spp., <i>Freesia refracta</i> (common freesia), <i>Gladiolus</i> spp., <i>Iris</i> spp. (iris, irises), <i>Iris</i> <i>germanisa</i> (Germany iris), <i>Ixia</i> <i>maculata</i> , <i>Narcissus stazetta</i> (Narcissus), <i>Oryza sativa</i> (padi, paddy, rice), <i>Platyserium bifurcatum</i> (common staghorn-fern), <i>Pteris cretica</i> (cretan bracken), <i>Solanum tuberosum</i> (kentang, potato), <i>Triglochin</i> <i>pavonia</i> (Common tiger-flower)	akar (roots), batang (stems, above ground), bulir padi (rice seeds), daun (leaves), umbi (bulbs, corms, tubers), rimpang (rhizomes)	Africa: Algeria, Egypt, South Africa, Zimbabwe America: Argentina, Brazil, Canada, Chile, Mexico, USA Asia: China, India, Israel, Japan, North Korea, Thailand Europe: Austria, Belarus, Belgium, Czechia, Finland, France, Germany, Italy, Netherlands, Romania, Russia Oceania: Australia, New Caledonia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Gladiolus</i> spp.; neck rot of <i>Gladiolus</i> spp.; rot of stem bases (<i>Gladiolus</i>), busuk umbi			
4.	<i>Clavibacter nebraskensis</i> Vidaver and Mandel 1974) Lie <i>et al.</i> 2018 (Syn. <i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i> (Vidaver and Mandel 1974) Davis <i>et al.</i> 1984), <i>Corynebacterium michiganense</i> pv. <i>nebraskense</i> (Vivader and Mandel 1974) Davis <i>et al.</i> 1984, <i>Corynebacterium michiganense</i> subsp. <i>nebraskense</i> Vivader and Mandel 1974) Carlson and Vivader 1982, <i>Corynebacterium nebraskense</i> Vivader and Mandel 1974);	<i>Andropogon gerardii</i> (big bluestem), <i>Echinochloa crus-galli</i> (jawan, barnyard grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Setaria faberi</i> (giant foxtail), <i>Setaria pumila</i> (yellow foxtail), <i>Setaria verticillata</i> (bristly foxtail), <i>Setaria viridis</i> (green foxtail), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum sudanense</i> (Sudan grass), <i>Tripsacum dactyloides</i> (eastern gamagrass), <i>Triticale</i> spp. (big bluestem), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mexicana</i> (teosinte)	akar (roots), biji (true seed), batang (stems, above ground), bunga (flowers, inflorescences, cones, calyx), buah (fruits), bibit (seedlings), daun (leaves), tanaman hasil mikropropagasi (micropropagated plants)	America: Canada, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	goss's bacterial wilt and leaf blight, leaf freckles and wilt			
5.	<p><i>Clavibacter sepedonicus</i> (Spieckermann and Kotthoff) Li <i>et al</i> 2018;; (Syn. <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> (Spieckermann and Kotthoff) Davis <i>et al.</i>, <i>Aplanobacter sepedonicus</i> (Spieckermann and Kottoff) Smith 1920, <i>Bacterium sepedonicum</i> Spieckermann and Kotthof 1914, <i>Corynebacterium michiganense</i> pv. <i>sepedonicum</i> (Spieckermann and Kottoff) Dye and Kemp 1977, <i>Corynebacterium michiganense</i> subsp. <i>sepedonicum</i> (Spieckermann and Kottoff 1914) Carlson and Vivader 1982, <i>Corynebacterium</i></p>	<p><i>Beta vulgaris</i> var. <i>saccharifera</i> (sugarbeet), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum lycopersicum</i> (tomat, tomato)</p>	<p>akar (roots), batang (stems/above ground), tunas (shoots), ranting (trunks), percabangan (branches), bunga (flowers, inflorescence, cones, calyx), buah (fruits), bibit (seedlings), daun (leaves), media tanam (growing media), tanaman hasil mikropropagasi (micropropagated plants), tanah (soils), umbi (bulb, corm, tuber)</p>	<p>America: Canada, Mexico, USA, Asia: China, DPR Korea (North Korea), Japan, Kazakhstan, Nepal, Pakistan, Republic of Korea (South Korea) Taiwan, Turkey, Uzbekistan, Europe: Belarus, Bulgaria, Czechia, Estonia, Finland, Georgia, Germany, Greece, Hungaria, Latvia, Lithuania, Norway, Poland, Romania, Russia, Slovakia, Spain, Sweden, Ukraine,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>sepedonicum</i> (Spieckermann and Kottoff 1914) Skaptason and Burk. 1942, <i>Mycobacterium sepedonicum</i> (Spieckermann and Kottoff) Krasil'nikov 1949, <i>Phytomonas sepedonica</i> (Spieckermann and Kottoff) Magrou 1937, <i>Pseudobacterium sepedonicum</i> (Spieckermann and Kottoff) Krasil'nikov 1949); bacterial ring rot, potato ring rot</p>			
6.	<p><i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> (Hedges 1922) Collins and Jones 1983; (Syn. <i>Bacterium flaccumfaciens</i> Hedges 1922, <i>Corynebacterium flaccumfaciens</i> pv.</p>	<p><i>Amaranthus rteroflexus</i>, <i>Avena sativa</i>, <i>Avena strigosa</i>, <i>Brassica napus</i>, <i>Chenopodium album</i>, <i>Cicer arietinum</i>, <i>Commelina benghalensis</i>, <i>Cyperus rotundus</i>, <i>Digitaria insularis</i>, <i>Emilia fosbergii</i>, <i>Erigeron binariensis</i>,</p>	<p>benih (seeds), biji (true seed), buah (fruits), batang (stems), bibit (seedlings), planlet, tanaman hasil mikropropagasi (micropropagated plants)</p>	<p>Africa: Mauritius, Tunisia, Zambia America: Brazil, Canada, Colombia, USA, Venezuela Asia: Iran, Turkey, Europe: Belgium, Russia Oceania: Australia</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>flaccumfaciens</i> (Hedges 1922) Dowson 1942, <i>Corynebacterium flaccumfaciens</i> ssp. <i>flaccumfaciens</i> (Hedges 1922) Dowson 1942, <i>Phytomonas flaccumfaciens</i> (Hedges 1922) Bergey <i>et al.</i> 1923, <i>Pseudomonas flaccumfaciens</i> (Hedges 1922) Stevens 1925); bacterial wilt of bean, vascular wilt of bean, bacterial tan spot</p>	<p><i>Galinsoga parviflora</i>, <i>Gamochaeta purpurea</i>, <i>Glycine max</i> (kedelai, soyabean), <i>Helianthus annuus</i> (bunga matahari, sun flower), <i>Hordeum vulgare</i> (barli, barley), <i>Ipomoea lonchophylla</i> (cowvine), <i>Ipomoea triloba</i> (littlebell), <i>Lablab purpureus</i> (hyacinth bean), <i>Lepidium virginicum</i> (Virginia pepper weed), <i>Lupinus polyphyllus</i>, <i>Medicago sativa</i> (alfalfa), <i>Nicandra physalodes</i>, <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (pea), <i>Raphanus sativus</i> (lobak, radish), <i>Senna obtusifolia</i> (sicklepod), <i>Solanum americanum</i> (<i>American black</i></p>		

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		<i>nightshade</i>), <i>Vigna angularis</i> (adzuki bean), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Vigna unguiculata</i> subsp. <i>sesquipedalis</i> (asparagus bean), <i>Zea mays</i> (jagung, corn, maize), <i>Zornia</i> .spp.		
7.	<i>Dickeya chrysanthemi</i> (Burkholder <i>et al.</i> , 1953) Samson 2005; (Syn. <i>Dickeya chrysanthemi</i> bv. <i>chrysanthemi</i> (Burkholder <i>et al.</i> 1953) Samson <i>et al.</i> 2005, <i>Dickeya chrysanthemi</i> bv. <i>parthenii</i> (Starr 1947) comb. Nov, <i>Dickeya chrysanthemi</i> pv. <i>chrysanthemi</i> (Burkholder <i>et al.</i> 1953) Samson <i>et al.</i> 2005, <i>Dickeya chrysanthemi</i> pv. <i>parthenii</i> (Starr 1947)	<i>Aechmea fasciata</i> , Anemone, <i>Aglaonema commutatum</i> , <i>Ananas comosus</i> (nanas, pineapple), <i>Apium graveolens</i> (seledri, celery), Araceae, <i>Aglaonema</i> , <i>Aloe vera</i> (lidah buaya, true aloe), <i>Allium</i> spp. (bawang-bawangan), <i>Begonia</i> , <i>Brachiaria</i> , <i>Brassica oleraceae</i> var. <i>botrytis</i> (kol bunga, cauliflower), <i>Brachiaria mutica</i> (rumpun para), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage),	batang (stems), biji (seeds), daun (leaves), media tanam (growing media), tanah (soils), umbi (bulbs, corms, tubers)	Africa: Algeria, Comoros, Congo, Egypt, Ivory Coast, Kenya, Mauritius, Morocco, Reunion, Senegal, South Africa, Sudan, Zimbabwe America: Aruba, Bolivia, Brazil, Canada, Colombia, Costa Rica, Cuba, Ecuador, French Guiana, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Panama, Peru, Puerto Rico, Saint Lucia, USA, Venezuela

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	<p>Samson <i>et al.</i> 2005, <i>Erwinia carotovora</i> var. <i>Parthenii</i> Starr, <i>Erwinia carotovora</i> var. <i>chrysanthemii</i> (Burkholder <i>et al.</i> 1953) Dye 1969, <i>Erwinia chrysanthemii</i> pv. <i>parthenii</i> (Starr 1947) Dye 1978, <i>Pectobacterium carotovorum</i> f. sp. <i>chrysanthemii</i> (Burkholder <i>et al.</i> 1953) Dowson 1957, <i>Pectobacterium chrysanthemii</i> pv. <i>chrysanthemii</i> Burkholder <i>et al.</i> 1953) Brenner <i>et al.</i> 1973 emend. Hauben <i>et al.</i> 1999, <i>Pectobacterium chrysanthemii</i> pv. <i>parthenii</i> (Starr 1947) Young <i>et al.</i> 2004, <i>Pectobacterium parthenii</i> Hellmers 1958, <i>P. parthenii</i> var. <i>chrysanthemii</i> (Burkholder <i>et al.</i> 1953) Hellmers 1958,</p>	<p><i>Capsicum annuum</i> (paprika, cabai, bell-pepper), <i>Celosia argentea</i>, <i>Cichorium endivia</i> (andewi, endevi), <i>Cichorium intybus</i>, <i>Canna</i>, <i>Consolida ambigua</i>, <i>Cucumis melo</i> (melon, muskmelon), <i>Colocasia esculenta</i> (talas, taro), <i>Cynara scolimus</i> (artichoke), <i>Cyclamen</i>, <i>Chrysanthemum</i> spp., <i>Dieffenbachia</i>, <i>Dianthus</i>, <i>Dracaena marginata</i>, <i>Dahlia pinnata</i>, <i>Daucus carota</i> (wortel, carrot), <i>Dieffenbachia maculata</i>, <i>Dianthus</i> spp. (anyelir, carnation), <i>Elettaria cardamomum</i> (kapulaga, cardamom), <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hyacinthus</i>, <i>Imperata cylindrica</i> (alang-</p>		<p>Asia: Bangladesh, China, DPR Korea (North Korea), India, Iran, Japan, Malaysia, Nepal, Philippines, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Taiwan, Turkiye Europe: Austria, Belarus, Belgium, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Poland, Portugal, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Ukraine, United Kingdom (England, Scotland), Oceania: Australia, Cook Islands, New Zealand, Papua Nugini, Solomon Islands</p>

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	<i>Pectobacterium parthenii-dianthicola</i> Hellmers); bacterial wilt and soft rot of chrysanthemum and other ornamentals, bacterial soft rot, soft rot Erwinia, blackleg and soft rot of potato	alang, bedding grass), <i>Ipomoea batatas</i> (ubi rambat, sweet potato), <i>Kalanchoe blossfeldiana</i> (cocor bebek, florist kalanchoe), <i>Lactuca sativa</i> (selada, lettuce), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Musa paradisiaca</i> (pisang kepok, plantain), <i>Musa textilis</i> (pisang abaka, abaca), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), Paspalum, <i>Parthenium argentatum</i> , <i>Panicum maximum</i> (rumput benggala, Guinea grass), <i>Pennisetum purpureum</i> (rumput gajah, elephant grass), <i>Philodendron</i> spp., <i>Pelargonium zonale</i> hybrids, <i>Petunia hybrida</i> , <i>Philodendron</i> , <i>Phalaenopsis</i> sp. (anggrek bulan, moth orchid), <i>Pyrus communis</i> (pir,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		pear), <i>Raphanus sativus</i> (lobak, radish), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sedum spectabile</i> , <i>Saintpaulia ionantha</i> , <i>Solanum melongena</i> (terung, eggplant, aubergine) <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Syngonium podophyllum</i> , <i>Tagetes patula</i> (French marigold), <i>Tulip</i> spp. (tulip), <i>Vanda</i> , <i>Xanthosoma caracu</i> (yautia horqueta)		
8.	<i>Dickeya dadantii</i> Samson <i>et al.</i> 2005; (Syn. <i>Dickeya dadantii</i> subsp. <i>dadantii</i> (Samson <i>et al.</i> 2005) Brady <i>et al.</i> 2011, <i>Dickeya dadantii</i> subsp. <i>dieffenbachiae</i> (Samson <i>et al.</i>	<i>Aechmea fasciata</i> , <i>Allium cepa</i> (onion), <i>Aloe vera</i> (true aloe), <i>Amorphophallus konjac</i> (konjac), <i>Ananas comosus</i> (nanas, pineapple), <i>Asparagus</i> spp., <i>Brassica oleracea</i> (cabbage), <i>Capsicum</i> spp.,	batang (<i>stems</i>), daun (<i>leaves</i>), media tanam (<i>growing media</i>), tanah (<i>soils</i>), umbi (<i>bulbs, corms, tubers</i>), akar (<i>roots</i>)	Africa: Comoros, Zimbabwe. America: Brazil, Costa rica, Honduras, Puerto Rico, USA Asia: Bangladesh, China, India, Iran, Japan, Malaysia, Philippines, Taiwan

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	2005) Brady <i>et al.</i> 2011, <i>Erwinia chrysanthemi</i> pv. <i>dieffenbachiae</i> (McFadden 1961) Dye 1978, <i>Erwinia dieffenbachiae</i> McFadden 1961), <i>Pectobacterium chrysanthemi</i> pv. <i>dieffenbachiae</i> (McFadden 1961) Young <i>et al.</i> 2004); bacterial wilt and soft rot of ornamentals and potato	<i>Chrysanthemum</i> , <i>Cichorium intybus</i> (chicory), <i>Cucumis melo</i> (melon), <i>Dieffenbachia</i> sp. (dumbcanes), <i>Euphorbi pulcherrima</i> (poinsettia), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Malus domestica</i> (apel, apple), <i>Musa</i> spp. (pisang, banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, rice), <i>Pelargonium capitatum</i> , <i>Petunia</i> hybrid, <i>Phalaenopsis</i> spp. (anggrek bulan, moth orchid) <i>Philodendron</i> spp., <i>Raphanus raphanistrum</i> (wild radish), <i>Saintpaulia ionantha</i> (African violet), <i>Sedum oblancoelatum</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terong, aubergine), <i>Solanum tuberosum</i> (kentang, potato),		Europe: Belgium, France, Germany, Italy, Poland, Russia, United Kingdom

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		sp., <i>Sorghum bicolor</i> (sorghum), <i>Tagetes patula</i> (French marigold), <i>Vanilla planifolia</i> (vanila, vanilla), <i>Zea mays</i> (jagung, corn, maize)		
9.	<i>Dickeya dianthicola</i> Samson <i>et al.</i> 2005; (Syn. <i>Erwinia carotovora</i> f.sp. <i>dianthicola</i> (Hellmers) Bakker 1957, <i>Erwinia carotovora</i> f.sp. <i>partheni</i> (Jones) Bergey <i>et al.</i> Starr, <i>Erwinia carotovora</i> var. <i>chrysanthemi</i> (Burkholder <i>et al.</i> 1953) Dye 1969, <i>Erwinia chrysanthemi</i> pv. <i>dianthi</i> (Alvizatos 1979, <i>Erwinia chrysanthemi</i> pv. <i>dianthicola</i> (Hellmers) Bakker and Scholten 1961, <i>Erwinia parthenii</i> var. <i>dianthicola</i> (Hellmers) Bakker & Scholten 1961,	<i>Chrysanthemum</i> spp. (krisan, chrysanthemum), <i>Cichorium intybus</i> (Chicory), <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Dahlia pinnata</i> (garden dahlia), <i>Daucus carota</i> (wortel, carrot), <i>Dianthus barbatus</i> (sweet williams), <i>Dianthus caryophyllus</i> (carnation), <i>Ipomea batatas</i> , <i>Kalanchoe</i> spp. (cocor bebek), <i>Kalanchoe blossfeldiana</i> (flaming katy), <i>Sedum spectabile</i> (showy stonecrops), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Zantedeschia</i> sp. (calla-lilies)	akar (roots), batang (stems), daun (leaves), media tanam (growing media), tanah (soils), umbi (bulbs, corms, tubers)	Africa: Egypt, Marocco, South Africa. America: Canada, USA Asia: Bangladesh, India, Israel, Japan, Pakistan Europe: Belgium, Bulgaria, Cyprus, Denmark, Finland, France, Germany, Greece, Jersey, Netherlands, Poland, Romania, Russia, Serbia, Slovenia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Pectobacterium carotovorum</i> var. <i>dianthicola</i> Hellmers 1958, <i>Pectobacterium chrysanthemi</i> pv. <i>dianthicola</i> (Hellmers 1958) Young <i>et al.</i> 2004, <i>Pectobacterium parthenii</i> var. <i>dianthicola</i> Hellmers 1958); slow wilt of dianthus and potato, soft rot			
10.	<i>Dickeya solani</i> van der Wolf <i>et al.</i> , 2014; black leg, slow wilt, soft rot, black leg disease of potato	<i>Cyperus rotundus</i> (rumput teki, purple nutsedge), <i>Hyacinthus orientalis</i> (hyacinth), <i>Solanum tuberosum</i> (kentang, potato)	umbi (bulbs, corms, tubers)	America: Brazil, Cuba, Colombia Asia: Israel, Turkey Europe: Belgium, Czechia, Denmark, Finland, France, Georgia Republic of, Germany, Greece, Netherlands, Norway, Poland, Russia, Slovenia, Spain, Sweden, Switzerland, United Kingdom
11.	<i>Erwinia amylovora</i> (Burrill 1882) Winslow <i>et al.</i> 1920; (Syn. <i>Bacillus amylovorus</i> (Burrill) Trevisan, 1889,	<i>Amelanchier</i> spp., <i>Amelanchier alnifolia</i> (saskatoon serviceberry), <i>Amelanchier canadensis</i>	batang (stems), bibit (seedlings), buah (fruits), bunga (inflorescences), daun	Africa: Algeria, Egypt, Morocco, Tunisia America: Bermuda, Canada, Guatemala, Mexico, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Bacterium amylovorum</i> (Chester 1901), <i>Erwinia amylovora</i> f.sp. <i>rubi</i> Starr et al. 1951, <i>Micrococcus amylovorus</i> Burrill 1882); fire blight	(thicket serviceberry), <i>Amelanchier laevis</i> , <i>Aronia melanocarpa</i> (black chokeberry), <i>Chaenomeles</i> spp., <i>Chaenomeles japonica</i> , <i>Cotoneaster bullatus</i> , <i>Cotoneaster buxifolius</i> , <i>Cotoneaster horizontalis</i> , <i>Cotoneaster lacteus</i> , <i>Cotoneaster lucidus</i> , <i>Cotoneaster microphyllus</i> , <i>Cotoneaster moupinensis</i> , <i>Cotoneaster niger</i> , <i>Cotoneaster salicifolius</i> , <i>Cotoneaster x crispus</i> , <i>Cotoneaster x watereri</i> , <i>Crataegus</i> spp., <i>Crataegus laevigata</i> , <i>Crataegus monogyna</i> , <i>Crataegus pinnatifida</i> , <i>Crataegus x prunifolia</i> , <i>Cydonia oblonga</i> (quince), <i>Eriobotrya</i> spp., <i>Eriobotrya japonica</i> (loquat), <i>Fragaria ananassa</i> (stroberi,	(leaves), kayu (woods), tanaman hasil mikropropagasi (micropropagated plants/ planlet), tunas (buds, shoots)	Asia: Armenia, Azerbaijan, Iran, Israel, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Republic of Korea (South Korea), Syria, Turkey, Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, France, Georgia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxemburg, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		strawberry), <i>Malus</i> spp. (ornamental species apple), <i>Malus baccata</i> , <i>Malus coronaria</i> , <i>Malus domestica</i> (apel, apple), <i>Malus floribunda</i> , <i>Mespilus</i> spp. (medlar), <i>Mespilus germanica</i> , <i>Photinia davidiana</i> (Chinese stranvaesia), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus domestica</i> (plum), <i>Prunus salicina</i> (Japanese plum), <i>Pseudocydonia sinensis</i> (Chinese quince), <i>Pyracantha</i> spp. (firethorn), <i>Pyracantha coccinea</i> (scarlet firethorn), <i>Pyrus amygdaliformis</i> , <i>Pyrus betulifolia</i> , <i>Pyrus bourgaeana</i> , <i>Pyrus communis</i> (pir, pear), <i>Pyrus communis</i> var. <i>pyraster</i> (poirier sauvage), <i>Pyrus pyrifolia</i> (oriental pear tree),		

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		<i>Rosa canina</i> (dog rose), <i>Rosa rugosa</i> (rugosa rose), <i>Rubus</i> spp., <i>Rubus fruticosus</i> (blackberry), <i>Sorbus</i> spp., <i>Spiraea prunifolia</i>		
12.	<i>Erwinia rhapontici</i> (Millard 1924) Burkholder 1948; (Syn. <i>Aplanobacter rhapontici</i> (Millard) Elliott 1930, <i>Bacillus rhapontici</i> (Millard) White 1936, <i>Bacterium rhapontici</i> Millard 1924, <i>Erwinia carotovora</i> var. <i>rhapontici</i> (Millard) Dye, <i>Pectobacterium rhapontici</i> (Millard 1924) Patel and Kulkarni 1951, <i>Phytoplasma rhapontici</i> Millard 1924, <i>Pseudobacterium rhapontici</i> (Millard) Krasil'nikov 1949, <i>Xanthomonas rhapontici</i> (Millard) Savulescu 1947);	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Amaranthus hybridus</i> (bayam kakap, smooth pigweed), <i>Armoracia rusticana</i> (lobak pedas, horseradish), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Chamaemelum nobile</i> , <i>Citrus aurantium</i> var. <i>paradisi</i> , <i>Citrus aurantium</i> var. <i>sinensis</i> , <i>Citrus limon</i> , <i>Cichorium</i> (chicory), <i>Cyclamen persicum</i> (cyclamens), <i>Dacus carota</i> (wortel, carrot), <i>Dianthus</i> (anyelir, carnation), <i>Eutrema japonicum</i> (wasabi, Japanese	akar (roots), batang (stems), bibit (seedlings), biji (true seed), buah (fruits), media tanam (growing media), planlet, rimpang (rhizome), umbi lapis (corms)	America: Canada, Mexico, USA Asia: China, Iran, Israel, Japan, South Korea, Malaysia, Turkey Europe: Albania, Belgium, France, Hungary, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Russia, Switzerland, Ukraine, United Kingdom Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	rhubarb crown rot; wheat pink seed; cereal pink grain	horseradish), <i>Gerbera jamesonii</i> (gerbera, African daisy), <i>Hippeastrum</i> spp., <i>Hyacinthus orientalis</i> (hyacinth), <i>Lolium</i> spp., <i>Melissa officinalis</i> (lemon balm), <i>Mentha piperita</i> (peppermint), <i>Morus</i> (mulberry tree), <i>Morus alba</i> (white mulberry), <i>Pisum sativum</i> (kapri, sweet pea), <i>Pyrus pyrifolia</i> (pir, Chinese pear), <i>Rheum hybridum</i> (rhubarb), <i>Rheum rhaponticum</i> , <i>Solanum lycopersicum</i> (tomat, tomato), Triticum (wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum durum</i> (durum wheat)		

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13.	<i>Erwinia tracheiphila</i> Smith 1895; (Syn. <i>Bacillus tracheiphilus</i> Smith 1895, <i>Bacillus tracheiphilus</i> f.sp. <i>cucumis</i> , <i>Bacterium tracheiphilum</i> (Smith) Chester 1897, <i>Erwinia amylovora</i> var. <i>tracheiphila</i> (Smith) Dye 1968); Cucurbit bacterial wilt	<i>Citrullus vulgaris</i> (semangka, watermelon), <i>Cucumis melo</i> (melon, muskmelon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (labu kuning, zucchini, zuchini), Cucurbitaceae	akar (roots), batang (stems), bibit (seedlings), bunga (inflorescence), daun (leaves), tanaman hasil mikropropagasi (micropropagated plants) Vektor: <i>Acalymma vittata</i> (Coleoptera, Chrysomelidae)	Africa: DR Congo, South Africa America: Canada, USA Asia: China, DPR (North Korea), Iran, Iraq, Japan, Republic of Korea (South Korea), Taiwan, Thailand Europe: Lithuania,
14.	<i>Herbaspirillum rubrisubalbicans</i> (Christopher and Edgerton 1930) Baldani <i>et al.</i> 1996; (Syn. <i>Bacterium rubrisubalbicans</i> (Christopher and Edgerton 1930) Burgvits 1935, <i>Phytomonas rubrisubalbicans</i> Christopher and Edgerton 1930, <i>Pseudomonas</i>	<i>Oryza sativa</i> (padi, paddy, rice), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Zea mays</i> (jagung, corn, maize)	daun (leaves)	Africa: Angola, Benin, Burundi, Central Africa, Ivory Coast, Madagascar, Malawi, Mauritius, Nigeria, Réunion, Tanzania, Togo America: Barbados, Brazil, Colombia, Cuba, Guadeloupe, Jamaica, Martinique, Nicaragua, Panama, Peru, Puerto Rico, USA, Venezuela,

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	<p><i>rubrisubalbicans</i> (Christopher and Edgerton 1930) Krasil'nikov 1949, and <i>Xanthomonas rubrisubalbicans</i> (Christopher and Edgerton 1930) Savelescu 1947); mottled stripe of sugarcane, bacterial leaf stripe of sorghum, bacterial stripe</p>			<p>Asia: China, Japan, Sri Lanka, Thailand Oceania: Australia, Fiji, New Zealand</p>
15.	<p><i>Musicola paradisiaca</i> (Hugouvieux-Cotte-Pattat et al. 2021 (Syn. <i>Brenneria paradisiaca</i> (Fernandez-Borrero and Lopez-Duque 1970) Hauben et al. 1999, <i>Dickeya paradisiaca</i>, <i>Erwinia carotovora</i> var. <i>paradisiaca</i> Victoria and Barrios 1969), <i>Erwinia chrysanthemi</i> pv. <i>paradisiaca</i> (Victoria and Barros 1969) Dickey and Victoria 1980, <i>Erwinia</i></p>	<p><i>Ananas comosus</i> (nanas, pineapple), <i>Begonia</i> spp., <i>Canna</i> spp., <i>Capsicum annuum</i> (paprika, bell pepper), <i>Euphorbia pulcherrima</i> (poinsettia), <i>Musa</i> spp. (pisang, banana), <i>Musa textilis</i> (manila hemp), <i>Musa x paradisiaca</i> (plantain), <i>Pennisetum purpureum</i> (rumput gajah, elephant grass), <i>Solanum tuberosum</i> (kentang, potato), <i>Urochloa</i></p>	<p>bahan perbanyakan vegetatif (vegetative propagation material), batang (stems), daun (leaves), media tanam (growing media), tanah (soils)</p>	<p>America: Colombia, Cuba, Guatemala, Honduras, Jamaica, Panama, Venezuela Asia: India Oceania: Papua Nugini</p>

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	<i>musae</i> Warren 1972, <i>Erwinia paradisiaca</i> Fernandez-Borrero and Lopez-Duque 1970); soft rot, wilt, rhizome rot, fruit soft rot of banana	<i>mutica</i> (para grass), <i>Zea mays</i> (jagung, corn, maize)		
16.	<i>Pantoea agglomerans</i> Gavini <i>et al.</i> 1989; (Syn. <i>Bacterium herbicola</i> Geilinger, <i>Bacterium typhiflavum</i> Breed, <i>Corynebacterium beticola</i> Abdou 1969, <i>Enterobacter agglomerans</i> (Beijerinck 1888) Ewig and Fife 1972, <i>Enterobacter agglomerans</i> pv. <i>Millettiae</i> (Kawakami and Yoshida 1920), <i>Erwinia herbicola</i> (Lohnis 1911) Dye 1964, <i>Erwinia herbicola</i> pv. <i>Millettiae</i> (Kawakami and Yoshida 1920) Goto <i>et al.</i> 1980, <i>Erwinia lathyri</i> (Manns and Taubenhaus) Magrou	<i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Allium sativum</i> (bawang putih, garlic), <i>Ananas comosus</i> (nanas, pineapple), <i>Citrus</i> spp. (jeruk, citrus), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Impatiens balsamina</i> , <i>Juglans regia</i> (walnut), <i>Lathyrus odoratus</i> , <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pyrus communis</i> (pir, pear), <i>Setaria italica</i> (jawawut, foxtail millet), <i>Solanum</i>	akar (roots), batang (stems), buah (fruits), bunga (inflorescence), polong (pods), daun (leaves)	America: Barbados, Brazil, Canada, Chile, Cuba, USA, Venezuela Asia: China, Israel, Saudi Arabia Europe: Austria, Germany, Italy, Poland, United Kingdom Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p>1937, <i>Erwinia mangiferae</i> (Doidge) Bergey <i>et al.</i> 1923, <i>Erwinia millettiae</i> (Kawakami and Yoshida 1920) Magrou 1937, <i>Erwinia vitivora</i> (Baccarini) du Plessis 1940, <i>Flavobacterium herbicola</i> (Lohnis) Mack 1936, <i>Falvobacterium rhenanum</i> (Migula) Bergey <i>et al.</i> 1923, <i>Flavobacterium trifolii</i> (Huss) Bergey <i>et al.</i> 1923, <i>Kurthia baccharinii</i> (Macchiati) Pribram 1933, <i>Pantoea agglomerans</i> pv. <i>Millettiae</i> (Kawakami and Yoshida 1920), <i>Phytomonas itoana</i> (Tochinai) Magrou 1937, <i>Pseudomonas herbicola</i> (Lohnis) de’Rossi 1927, <i>Pseudomonas itoana</i> Tochinai 1932, <i>Pseudomonas trifolii</i> Huss 1907, <i>Xanthomonas</i></p>	<p><i>lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sorghum), <i>Tagetes erecta</i> (Mexican marigold), <i>Trifolium</i> spp. <i>Vitis vinifera</i> (anggur, grapevine), <i>Westeria brachybotrys</i> (silky wisteria), <i>Wisteria floribunda</i> (Japanese wisteria), <i>Zea mays</i> (jagung, corn, maize)</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>cosmosicola</i> Rangaswami and Sanne Gowda 1963, <i>Xanthomonas indica</i> Rangaswami, Prasad and Eswaran 1961, <i>Xanthomonas itoana</i> (Tochinai) Dowson 1943, <i>Xanthomonas maydis</i> Rangaswami, Prasad and Eswaran 1961, <i>Xanthomonas penniseti</i> Rajagopalan and Rangaswami 1958, <i>Xanthomonas rubrisorghii</i> Rangaswami, Prasad and Eswaran 1961, <i>Xanthomonas tagetis</i> Rangaswami and Sanne Gowda 1963, <i>Xanthomonas translucens</i> f.sp. <i>oryzae</i>, <i>Xanthomonas trifolii</i> (Huss) James 1955); bacterial grapevine blight, bacterial rice leaf blight</p>			

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
17.	<i>Pantoea cypripedii</i> (Hori, 1911) Brady <i>et al.</i> 2010; (Syn. <i>Bacillus cypripedii</i> Hori 1911, <i>Bacterium cypripedii</i> (Hori) Burgvits 1935, <i>Erwinia carotovora</i> var. <i>cypripedii</i> (Hori) Dye 1969, <i>Erwinia cypripedii</i> (Hori 1911) Bergey <i>et al.</i> 1923), <i>Pectobacterium cypripedii</i> (Hori 1911) Brenner <i>et al.</i> 1973); bacterial brown rot of orchids, black rot of papaya	<i>Carica papaya</i> (pepaya, papaya), Orchidaceae, <i>Paphiopedilum</i> spp. (lady's slipper orchid), <i>Phalaenopsis amabilis</i> (anggrek bulan, moth-orchid),	batang (stems), daun (leaves), kultur jaringan (tissue cultures), media tanam (growing media), umbi (bulbs, corms, tubers)	Africa: South Africa Asia: Japan, Taiwan America: USA Oceania: Australia
18.	<i>Pectobacterium aroidearum</i> Nabhan <i>et al.</i> 2013; bacterial soft rot, soft rot of Chinese cabbage	<i>Amorphophallus konjac</i> (konjac), <i>Brassica rapa</i> subsp. <i>pekinensis</i> (sawi putih, Chinese cabbage), <i>Zantedeschia aethiopica</i> (arum lili, calla lily)	akar (roots), batang (stems), biji (seeds), daun (leaves), tanah (soils), umbi (bulbs, corms, tubers)	America: Brazil Asia: China, Taiwan
19.	<i>Pectobacterium atrosepticum</i> (Van Hall, 1902) Gardan <i>et al.</i> 2003; (Syn. <i>Bacillus atrosepticus</i> , <i>Bacillus melanogenes</i>)	<i>Allium cepa</i> (bawang bombay, onion), <i>Asparagus officinalis</i> (asparagus, asparagus), Brassicaceae, <i>Brassica oleracea</i> var. <i>botrytis</i>	akar (roots), bahan perbanyak vegetatif (vegetative propagation material), batang (stems), daun (leaves),	Africa: Algeria, Egypt, Mauritius, Morocco, Mozambique, South Africa, Tanzania, Tunisia, Zimbabwe

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	<p>Pethybridge and Murphy, 1911), <i>Bacillus phytophthorus</i> Appel 1902, <i>Bacterium atrosepticum</i> (van Hall) Lehmann and Neumann 1927, <i>Bacterium carotovorum</i> (Jones) Lehmann and Neumann/Burgwitz, <i>Bacterium carotovorum</i> var. <i>atrosepticum</i> (van Hall) Hellmers and Dowson 1953, <i>Bacterium melanogenum</i>, <i>Bacterium phytophthorum</i> (Appel) Lehmann and Neumann 1927, <i>Erwinia atroseptica</i> (van Hall) Jennison, 1923, <i>Erwinia caricae</i>, <i>Erwinia carotovora</i> (Jones) holl./Berg., <i>Erwinia carotovora</i> pv. <i>atroseptica</i> (van Hall 1902) Dye 1978, <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> (van Hall, 1902)</p>	<p>(cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> subsp. <i>chinensis</i> (Chinese cabbage), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Carica papaya</i> (pepaya, papaya), <i>Cichorium intybus</i> (chicory), <i>Coffea</i> spp. (kopi, coffee), <i>Consolida ambigua</i> (rocket larkspur), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cyphomandra betacea</i> (terung belanda, tamarillo, tree tomato), <i>Datura stramonium</i> (kecubung, jimson weed), <i>Daucus carota</i> (wortel, carrot), <i>Euphorbia pulcherrima</i> (poinsettia), <i>Glycine max</i> (kedelai, soyabean),</p>	<p>umbi (bulbs, corms, tubers)</p>	<p>America: Argentina, Belize, Bermuda, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Greenland, Guadeloupe, Honduras, Martinique, Mexico, Peru, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Venezuela Asia: Azerbaijan, Bhutan, China, India, Iran, Israel, Japan, Kazakhstan, Lebanon, Pakistan, Philippines, Turkey, Vietnam Europe: Austria, Bulgaria, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Spain, Sweden, Switzerland, United Kingdom</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p>Dye 1969, <i>Erwinia carotovora</i> var. <i>atroseptica</i> (van Hall) Dye 1969, <i>Erwinia dahliae</i> (Hori and Bokura) Magrou, <i>Erwinia melonis</i> (Giddings) Bergey <i>et al.</i> 1934, <i>Erwinia papayae</i>, <i>Erwinia phytophthora</i> (Appel) Bergey <i>et al.</i> 1934, <i>Erwinia phytophthorus</i>, <i>Pectobacterium atrosepticum</i> (van Hall) Patel and Kulkarni 1951, <i>Pectobacterium carotovorum</i>, <i>Pectobacterium carotovorum</i> pv <i>atrosepticum</i> (van Hall) Graham and Dowson, 1960), <i>Pectobacterium phytophthorum</i> (Appel) Waldee, 1945; black leg of potato</p>	<p><i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Helianthus tuberosus</i> (Jerusalem artichoke), <i>Iris</i> spp., <i>Lupinus</i> spp. (lupin), <i>Musa</i> spp. (pisang, banana), <i>Nicandra physalodes</i> (apple of Peru), <i>Nicotiana glauca</i> (tree tobacco), <i>Nicotiana rustica</i> (wild tobacco), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Portulaca</i> spp., <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saintpaulia</i> spp. (African violet), Solanaceae, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Symphytium officinale</i> (blackwort), <i>Vicia faba</i> (faba bean), <i>Zantedeschia aethiopica</i> (calla lily), <i>Zea mays</i> (jagung, corn, maize)</p>		Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
20.	<i>Pectobacterium betavasculorum</i> (Thomson <i>et al.</i> 1984) Gardan <i>et al.</i> 2003; (Syn. <i>Erwinia betavasculorum</i> , <i>Erwinia carotovora</i> subsp. <i>Betavasculorum</i> Thomson <i>et al.</i> 1984, <i>Pectobacterium carotovorum</i> subsp. <i>betavasculorum</i> (Thomson <i>et al.</i> 1984); sugar beet rot	<i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Solanum tuberosum</i> (kentang, potato)	akar (roots), batang (stems), bunga (inflorescence), buah (fruits), daun (leaves)	Africa: Egypt America: Canada, Mexico, USA Asia: Iran, Turkey Europe: Croatia, France, Romania
21.	<i>Pectobacterium cacticida</i> (Alcorn <i>et al.</i> , 1991) Hauben <i>et al.</i> , 1999; (Syn. <i>Erwinia cacticida</i>) soft rot bacteria	<i>Acanthocereus pentagonus</i> , <i>Agave tequilana</i> (agave), <i>Allium cepa</i> (bawang Bombay, onion), <i>Carnegiea gigantea</i> (Saguaro cactus), <i>Ferocactus wislizenii</i> , <i>Lophocereus schottii</i> (senita cactus), <i>Opuntia ficus-indica</i> (kaktus, cactus, prickly pear), <i>Opuntia fulgida</i> (jumping cholla cactus), <i>Opuntia phaeacantha</i>	akar (roots), buah (fruits), daun (leaves), batang (stems), tanah (soils)	Africa: Egypt America: Mexico, USA Oceania: Australia

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		<i>var. discata, Opuntia phaeacantha var. major, Opuntia strictica, Opuntia violacea var. macrocentra, Sternocereus gummosus, Stenocereus thurberii (organ pipe cactus), Senita cactus</i>		
22.	<i>Pectobacterium parmentieri</i> Khayi <i>et al.</i> , 2016; soft rot bacteria, black leg disease of potato	<i>Solanum tuberosum</i> (kentang, potato)	umbi (bulbs, corms, tubers)	Africa: South Africa America: Canada, USA Asia: China, Iran, Japan, Pakistan, Republic of Korea (South Korea), Turkey Europe: Belgium, Finland, France, Germany, Ireland, Netherlands, Norway, Poland, Russia, Spain, Switzerland, United Kingdom Oceania: New Zealand
23.	<i>Pectobacterium wasabiae</i> (Gardan <i>et al.</i> 2003); (Syn. <i>Erwinia carotovora</i> subsp. <i>wasabiae</i> (Goto and Matsumoto, 1987), <i>Pectobacterium carotovorum</i>	<i>Brassica oleracea var. capitata</i> (kubis, cabbage), <i>Eutrema wasabi</i> (Wasabi), <i>Ipomoea batatas</i> (sweet potato), <i>Solanum lycopersicum</i> (tomat, tomato),	akar (roots), batang (stems), daun (leaves), tanah (soils), umbi (bulbs, corms, tubers)	America: Canada, USA Asia: Japan, Malaysia Europe: France, Switzerland, Germany

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	subsp <i>wasabiae</i> (Goto and Matsumoto, 1987) Hauben <i>et al.</i> , 1999); soft rot bacteria, stem rot	<i>Solanum melongena</i> (terong, aubergine), <i>Solanum tuberosum</i> (kentang, potato)		
24.	<i>Pseudomonas corrugata</i> Roberts and Scarlett (1981), emend. Sutra <i>et al.</i> 1997; pith necrosis of tomato	<i>Capsicum annuum</i> (paprika, bell pepper), <i>Chrysanthemum morifolium</i> (krisan, chrysanthemum), <i>Geranium</i> spp. (cranebill), <i>Solanum lycopersicum</i> (tomat, tomato)	akar (roots), bahan perbanyak tanaman (propagative materials), batang (stems), bibit (seedlings), biji (true seed), buah (fruits), daun (leaves), kulit kayu (bark)	Africa: Egypt, South Africa, Tanzania America: Argentina, Brazil, Canada, Mexico, Uruguay, USA Asia: India, Israel, Japan, Philippines, Saudi Arabia, Syria, Turkey, Europe: Albania, Belarus, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, North Macedonia, Norway, Poland, Portugal, Russia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
25.	<i>Pseudomonas marginalis</i> pv. <i>marginalis</i> (Brown 1918) Stevens 1925; Kansas lettuce disease, leaf blight of chicory, leaf rot of lettuce, marginal lettuce leaf blight	<i>Aconitum napellus</i> (aconite monkshood), <i>Agapanthus africanus</i> (African blue lily), <i>Allium cepa</i> (bawang bombay, onion), <i>Allium chinense</i> (spring onion, rakkyo), <i>Allium sativum</i> (bawang putih, garlic), <i>Ananas comosus</i> (nanas, pineapple), <i>Anemone coronaria</i> (Poppy anemone), <i>Apium graveolens</i> (seledri, celery), <i>Armoracia rusticana</i> (lobak pedas, horseradish), <i>Beta vulgaris</i> (bit gula, beetroot), <i>Beta vulgaris</i> var. <i>cicla</i> (chard), <i>Brassica nigra</i> (sawi hitam, black mustard), <i>Brassica oleracea</i> (kubis, cabbages), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica rapa</i> subsp. <i>pekinensis</i> (sawi putih,	akar (roots), batang (stems), bibit (seedlings/Micropropagated plants), buah (fruits inc. pods), daun (leaves), rimpang (rhizome), umbi (bulbs, corms, tubers)	Africa: Egypt, Ethiopia, Kenya, Nigeria, South Africa, Tanzania, Uganda, America: Argentina, Barbados, Bermuda, Brazil, Canada, USA, Venezuela. Asia: China, India, Japan, Democratic People's Republic of Korea (North Korea), Republic of Korea (South Korea), Taiwan Eropa: Austria, Belgium, France, Germany, Ireland, Italy, Netherland, Portugal, Serbia, Spain, UK, Oceacia: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		Chinese cabbage), <i>Capsicum annuum</i> (paprika, bell pepper), <i>Chrysanthemum vestitum</i> (krisan, Chrysanthemum), <i>Cichorium</i> spp. (chicory), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita</i> spp. (pumpkin), <i>Dahlia pinnata</i> (garden dahlia), <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Eutrema wasabi</i> (wasabi), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hyacinthus orientalis</i> (hyacinth), <i>Iris germanica</i> (German iris), <i>Lactuca sativa</i> (selada, lettuce), <i>Lactuca sativa</i> var. <i>capitata</i> (head lettuce), <i>Lobelia erinus</i> (dwarf blue lobelia), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Nicotiana</i>		

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		<p><i>tabacum</i> (tembakau, tobacco), <i>Nigella damascena</i> (Love-in-a- mist), <i>Onobrychis viciifolia</i> (sainfoin), <i>Papaver somniaferum</i> (Opium poppy), <i>Pastinaca sativa</i> (parsnip), <i>Petroselinum crispum</i> (peterseli, parsley), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Philodendron bipinnatifidum</i> (lacy tree philodendron), <i>Populus</i> spp. (poplars), <i>Primula</i> spp. (Primrose), <i>Prunus amygdalus</i> (badam, almond), <i>Prunus persica</i> (persik, peach), <i>Raphanus sativus</i> (lobak, radish), <i>Rheum hybridum</i> (rhubarb), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Syngonium</i> spp., <i>Syngonium podophyllum</i></p>		

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		(singonium, arrowhead vine), <i>Zingiber officinale</i> (jahe, ginger)		
26.	<i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i> (Burkholder 1926) Gardan <i>et al.</i> 1992; (Syn. <i>Bacterium medicaginis</i> var. <i>phaseolicola</i> (Burkholder) Link and Hull 1927, <i>Bacterium puerariae</i> Hedges 1927, <i>Phytomonas medicaginis</i> var. <i>phaseolicola</i> Burkholder 1926, <i>Phytomonas puerariae</i> (Hedges) Bergey <i>et al.</i> 1930, <i>Phytomonas vignae</i> (Gardn. and Kendr.) Karassilnikov, <i>Pseudomonas cerasi</i> (= <i>cerasus</i>) Griffin, <i>Pseudomonas holci</i> Kendrick, <i>Pseudomonas medicaginis</i> , <i>Pseudomonas medicaginis</i> f.sp. <i>phaseolicola</i> (Burkholder)	<i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Centrosema</i> spp., <i>Desmodium</i> spp. (tick clovers), <i>Glycine max</i> (kedelai, soyabean), <i>Lablab purpureus</i> (kacang komak, hyacinth bean), <i>Mercurialis annua</i> , <i>Neonotonia wightii</i> (perennial soybean), <i>Phaseolus acutifolius</i> (tepariy bean), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), <i>Pueraria montana</i> var. <i>lobata</i> (kudzu), <i>Solanum nigrum</i> (black nightshade), <i>Sonchus oleraceus</i> (common sowthistle), <i>Vigna angularis</i> (adzuki bean), <i>Vigna radiata</i>	batang (stems), bahan perbanyak tanaman (propagated plants), bibit (seedlings)/ micropropagated plants), biji (true seed), buah (fruits), bunga (inflorescences)/, daun (leaves), media tanam (growing medium), polong (pods), titik tumbuh (growing point)	Africa: Burundi, DR Congo, Egypt, Eswantini, Ethiopia, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Morocco, Mozambique, Rwanda, South Africa, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, Brazil, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Guadeloupe, Martinique, Mexico, Peru, Saint Vincent and the Grenadines, Suriname, USA, Venezuela Asia: China, Georgia, India, Israel, Japan, Pakistan, Saudi Arabia, Turkey, Yemen Europe: Austria, Belgium, Bulgaria, Denmark, France, Germany, Greece, Hungary,

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	Dowson 1957, <i>Pseudomonas medicaginis</i> var. <i>phaseolicola</i> (Burkholder) Stapp and Kotte 1929, <i>Pseudomonas phaseolicola</i> (Burkholder) Dowson 1943, <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> (Burkholder 1926) Young <i>et al.</i> 1978, <i>Pseudomonas vignae</i> Gardner and Kendrick, <i>Xanthomonas medicaginis</i> var. <i>phaseolicola</i> (Burkholder) Elliot 1951, <i>Xanthomonas phaseolicola</i>); halo blight of beans, grease spot of beans, bacterial bean blight	(kacang hijau, mung bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea)		Ireland, Italy, Jersey, Lithuania, Netherlands, Poland, Romania, Russia, Spain, Sweden, Switzerland, United Kingdom (Channel Islands) Oceania: Australia, Fiji, New Zealand
27.	<i>Pseudomonas syringae</i> pv. <i>aptata</i> (Brown & Jamieson 1913) Young <i>et al.</i> , 1978; (Syn. <i>Bacterium aptatum</i> Brown & Jamieson 1913, <i>chlorobacter aptatus</i> (Brown	<i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugarbeet), <i>Capsicum annuum</i> (paprika, bellpepper), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Helianthus</i>	batang (stems), benih (seeds), buah (fruits), bunga (inflorescences), daun (leaves),	America: USA Asia: Georgia, India, Iran, Japan, DPR Korea (North Korea), Republic of Korea (South Korea) Europe: Hungary, Italy, Russia, Serbia, United kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	& Jamieson) Patel & Kulkarni 1951, <i>Phytophthora aptata</i> (Brown & Jamieson) Bergey <i>et al.</i> , 1923, <i>Pseudomonas aptata</i> (Brown & Jamieson) Stevens 1925 leaf spot of sugarbeet, foliar blight of sugarbeet	<i>annuus</i> (bunga matahari, sunflower), <i>Lactuca sativa</i> (selada, lettuce), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Tropaeolum majus</i> (nasturtium), <i>Vicia faba</i> (kacang babi, faba bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)		Oceania: Australia, New Zealand
28.	<i>Pseudomonas syringae</i> pv. <i>morsprunorum</i> (Wormald 1931) Young <i>et al.</i> 1978; (Syn. <i>Agrobacterium morsprunorum</i> (Wormald) Savulescu 1947, <i>Bacterium morsprunorum</i> (Wormald) 1932, <i>Phytophthora morsprunorum</i> (Wormald) Wormald 1932, <i>Pseudomonas morsprunorum</i> Wormald 1931);	<i>Prunus avium</i> (<i>sweet cherry</i>), <i>Prunus avium</i> (<i>ceri manis, sweet cherry</i>), <i>Prunus cerasus</i> (<i>kersen, sour cherry</i>), <i>Prunus domestica</i> (<i>prem, plum</i>), <i>Prunus persica</i> (<i>persik, peach</i>), <i>Prunus salicina</i> (<i>Japanese plum</i>)	batang (stems), buah (fruits), bunga (inflorescences) daun (leaves), kayu (woods), kulit kayu (bark)	Africa: South Africa America: Canada, Chile, USA Asia: India, Japan, Jordan, Lebanon, Europe: Belgium, Czechia, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Romania, Serbia, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia

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	bacterial canker of stone fruits; spot of stone fruits; shoot wilt of stone fruits; gummosis; blossom blast			
29.	<i>Pseudomonas syringae</i> pv. <i>passiflorae</i> (Reid 1938) Young <i>et al.</i> 1978; (Syn. <i>Phytobacterium passiflorae</i> (Reid) Magrou and Prevot 1948, <i>Phytomonas passiflorae</i> Reid 1939, <i>Pseudomonas passiflora</i> (Reid 1938) Young <i>et al.</i> 1978, <i>Pseudomonas passiflorae</i> (Reid) Burkholder 1948); grease spot of passion fruit; necrotic spots	<i>Passiflora</i> spp. (passion flower), <i>Passiflora edulis</i> (markisa, passion fruit)	batang (stems), buah (fruits), daun (leaves)	Africa: South Africa America: Dominica Oceania: Australia, New Zealand
30.	<i>Pseudomonas syringae</i> pv. <i>coriandricola</i> Toben and Rudolph; bacterial blight, leaf spot	<i>Coriandrum sativum</i> (ketumbar, coriander), <i>Daucus carota</i> (wortel, carrot), <i>Pastinaca sativa</i> (parsnip), <i>Petroselinum crispum</i> (peterseli, parsley)	batang (stems), bibit (stems), biji (true seed), daun (leaves)	America: Canada, USA Asia: India, Japan Europe: Serbia, Spain

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
31.	<i>Pseudomonas syringae</i> pv. <i>garcae</i> Teix. and Pinh.; (Syn. <i>Pseudomonas garcae</i>); bacterial spot, bacterial blight of coffee	<i>Citrus</i> spp. (jeruk, citrus), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato)	bibit (seedlings), planlet, tanaman hasil mikropropagasi (micropropagated plants,	Africa: Kenya America: Brazil
32.	<i>Pseudomonas syringae</i> pv. <i>maculicola</i> (McCulloch 1911) Young <i>et al.</i> 1978; (Syn. <i>Bacterium maccullochianum</i> Burgivits 1935, <i>Bacterium maculicola</i> (McCulloch 1911, <i>Bacterium maculicola</i> var. <i>japonicum</i> Takimoto 1931, <i>Phytomonas maculicola</i> (McCulloch) Bergey <i>et al.</i> 1923, <i>Pseudomonas maculicola</i> (McCulloch) Stevens 1913); cabbage leaf spot	<i>Brassica juncea</i> var. <i>juncea</i> (sawi, Indian mustard), <i>Brassica nigra</i> (sawi hitam, black mustard), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> , <i>Brassica oleracea</i> var. <i>gongylodes</i> (kohlrabi), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> subsp. <i>pekinensis</i> (sawi putih,	akar (roots), batang (stems), buah (fruits), bunga (inflorescences), daun (leaves), planlet,	Africa: Algeria, Mauritius, Mozambique, South Africa, Zimbabwe America: Argentina, Bermuda, Brazil, Canada, Cuba, El Salvador, Puerto Rico, USA, Venezuela Asia: China, DPR Korea (North Korea), Georgia, Japan, Republic of Korea (South Korea), Taiwan, Turkey Europe: Bulgaria, Denmark, Finland, France, Germany, Italy, Montenegro, Norway,

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		Chinese cabbage), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip, turnip), <i>Raphanus sativus</i> (lobak, radish)		Russia, Ukraine, United Kingdom Oceania: Australia, Fiji, New Zealand,
33.	<i>Pseudomonas syringae</i> pv. <i>pisi</i> (Sackett 1916) Young <i>et al.</i> 1978; (Syn. <i>Bacterium pisi</i> (Sackett) Smith 1920, <i>Chlorobacter pisi</i> (Sackett) Bergey <i>et al.</i> 1923, <i>Pseudomonas pisi</i> Sackett 1916); bacterial pea blight	<i>Lablab purpureus</i> (kacang komak, hyacinth), <i>Lathyrus latifolius</i> (broad-leaved sweet pea), <i>Lathyrus odoratus</i> (sweet pea), <i>Pisum sativum</i> (kapri, sweet pea), <i>Vicia benghalensis</i> (purple vetch), <i>Vicia sativa</i>	batang (stems), bibit (seedling), buah (fruits), bunga (inflorescences), biji (true seed), daun (leaves), planlet, kulit kayu (bark), polong (pods), planlet	Africa: Kenya, Malawi, South Africa, Tanzania, Zimbabwe America: Argentina, Brazil, Canada, Colombia, Costa Rica, Ecuador, Mexico, Uruguay, USA Asia: Armenia, Georgia, India, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Nepal, Pakistan, Syria, Turkey Europe: Bulgaria, Croatia, Czechia, Denmark, France, Greece, Hungary, Italy, Lithuania, Moldova, Netherlands, Romania, Russia, Serbia, Slovakia, Spain, Ukraine, United Kingdom Oceania: Australia, New Caledonia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
34.	<i>Pseudomonas syringae</i> pv. <i>theae</i> (Hori 1915) Young <i>et al.</i> 1978; (Syn. <i>Bacillus theae</i> Hori 1915, <i>Erwinia theae</i> (Hori) Okabe and Goto 1955, <i>Innominatus theae</i> (Hori) Okabe and Goto 1955, <i>Xanthomonas theae</i> Uehara and Arai); bacterial shoot blight, bacterial stem blight, bacterial tea blight, red blight, tea bacterial spot	<i>Camellia sinensis</i> (teh, tea)	akar (roots), batang (stems), buah (fruits), bunga (inflorescences), daun (leaves), planlet	Asia: Japan
35.	<i>Rathayibacter tritici</i> (ex Hutchinson 1917) Zgurskaya <i>et al.</i> 1993; (Syn. <i>Agrobacterium tritici</i> (Hutchinson 1917) Savalescu 1947, <i>Bacterium tritici</i> (Hutchinson 1917) Elliot 1930, <i>Clavibacter tritici</i> (ex Hutchinson 1917) Davis <i>et al.</i> 1984, <i>Corynebacterium</i>	<i>Alopecurus</i> spp. (foxtails), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium temulentum</i> (darnel), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum dicoccum</i> , <i>Triticum turgidum</i> (durum wheat)	biji (true seed), planlet Vektor: Tylenchida, Anguinidae: <i>Anguina tritici</i>	Africa: Egypt, Ethiopia, Morocco, Zambia Asia: Afghanistan, China, India, Iran, Iraq, Pakistan Europe: Cyprus Oceania: Australia,

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	<p><i>michiganense</i> pv. <i>tritici</i> (Hutchinson 1917) Dye and Kemp 1977, <i>Corynebacterium tritici</i> (Hutchinson 1917) Burkholder 1948, <i>Phytomonas tritici</i> (Hutchinson 1917) Bergey <i>et al</i> 1930, <i>Pseudomonas tritici</i> Hutchinson 1917); spike blight, tundu disease, yellow ear rot, yellow slime disease, yellow spike, gumming diseases of wheat, gumming disease of grasses</p>			
36.	<p><i>Rhizobium vitis</i> (Ophel and Kerr 1990) Young <i>et al.</i> 2001; (Syn. <i>Agrobacterium</i> biovar 3, <i>Agrobacterium tumefaciens</i> biovar 3, <i>Agrobacterium vitis</i> Ophel and Kerr 1990); crown gallof grapevine</p>	<p><i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis</i> spp.</p>	<p>akar (roots), batang (stems), planlet, tanah (soils), media tanam (growing media).</p>	<p>Africa: Egypt, Tunisia America: Brazil, Canada, USA Asia: Afghanistan, China, DPR Korea (North Korea), Japan, Jordan, Republic of Korea (South Korea), Turkey Europe: France, Greece, Hungary, Russia, Spain Oceania: Australia</p>

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37.	<p><i>Rhodococcus fascians</i> (Tilford 1936) Goodfellow 1984; (Syn. <i>Bacterium fascians</i> (Tilford) Lacey 1939, <i>Corynebacterium fascians</i> (Tilford 1936) Dowson 1942, <i>Phytomonas fascians</i> (Tilford) Krasil'nikov 1949, <i>Rhodococcus rubropertinctus</i>); leafy gall, fasciation, witches' broom syndrome, ornamental cauliflower disease, strawberry cauliflower disease, strawberry fasciation, tobacco leafy gall</p>	<p><i>Alcea rosea</i> (hollyhick), <i>Antirrhinum majus</i> (snap dragon), <i>Asparagus densiflorus</i>, <i>Begonia tuberhybrida</i>, <i>Beloperone</i> spp., <i>Beta vulgaris</i> (bit gula, beet root), <i>Brassica oleracea</i> (cabbage), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Buddleia davidii</i>, <i>Brodiaea</i> spp., <i>Capsicum annuum</i> (paprika, cabai, bell-pepper), <i>Casuarina equisetifolia</i> (cemara laut, Australian pine tree), <i>Chamaemelum nobile</i>, <i>Crassula</i> spp., <i>Chrysanthemum indicum</i> (krisan, chrysanthemum), <i>Crysanthemum maximum</i> hybrids, <i>Crysanthemum vestitum</i>, <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Cichorium intybus</i> (chicory),</p>	<p>akar (roots), batang (stems), bibit (seedlings), biji (true seed), corms, daun (leaves), planlet, rhizomes, umbi (bulbs, corms, tubers)</p> <p>Vektor: Hemiptera, Aphididae: <i>Myzus persicae</i>, <i>M. ascalonicus</i></p>	<p>Africa: Egypt, Tunisia America: Canada, Guatemala, Mexico, USA Asia: India, Iran, South Korea Europe: Belgium, Czechia, Denmark, Estonia, France, Germany, Hungary, Italy, Latvia, Netherlands, Norway, Poland, Russia, Slovakia, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>

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		<p><i>Consolida ambigua</i>, <i>Crassula</i> spp. (stonecrop), <i>Cucumis melo</i> (melon, muskmelon), <i>Cucumis sativus</i> (timun, cucumber), <i>Dahlia pinnata</i> (garden dahlia), <i>Dactura innoxia</i> (kecubung, downy thorn apple), <i>Dianthus barbatus</i>, <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Erysimum allionii</i>, <i>Erysimum cheiri</i> (wallflower), <i>Euphorbia</i> spp. (spurges), <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Forsythia suspensa</i>, <i>Fragaria</i> spp., <i>Fragaria vesca</i> (wild strawberry), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Freesia</i> spp., <i>Gloriosa</i> spp., <i>Gladiolus hybrids</i>, <i>Glycine max</i> (kedelai, soyabean), <i>Gypsophila paniculata</i>, <i>Hebe</i> spp., <i>Hebe</i></p>		

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		<p><i>andersonii</i> hybrids, <i>Hyacinthus</i> spp., <i>Impatiens walleriana</i> (pacar air, balsam), <i>Kalanchoe blossfeldiana</i> (cocor bebek, florist kalanchoe), <i>Kalanchoe</i> spp., <i>Lactuca sativa</i> (selada, lettuce), <i>Lathyrus odoratus</i> (sweet pea), <i>Lilium longiflorum</i> (easter lily), <i>Lilium regale</i> (regal lily), <i>Mesembryanthemum</i> spp., <i>Muscari botryoides</i>, <i>Nicotiana alata</i> (sweet scentel tobacco), <i>Nicotiana rustica</i> (wild tobacco), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Pelargonium zonale</i> hybrids (geranium), <i>Pelargonium</i> spp., <i>Petunia hybrida</i>, <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus vulgaris</i> (common bean), <i>Phlox</i> spp., <i>Physalis spp.</i> (groundcherry), <i>Pisum</i></p>		

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		<p><i>sativum</i> (kapri, sweet pea), <i>Rhododendron</i> spp. (<i>azalea</i>), <i>Rubus idaeus</i> (raspberry), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorbaria sorbifolia</i>, <i>Spinacia oleracea</i> (spinach), <i>Tagetes erecta</i> (Mexican marigold), <i>Tagetes patula</i> (French marigold), <i>Tanacetum coccineum</i> (common pyrethrum), <i>Triteleia</i> spp., <i>Triteleia laxa</i>, <i>Tropaeolum majus</i>, <i>Tulipa</i> spp. (tulip), <i>Urtica dioica</i> (stinging nettle), <i>Viburnum opulus</i>, <i>Vicia faba</i> (kacang babi, broad bean)</p>		
38.	<p><i>Robbsia andropogonis</i> (Smith) Lopes-Santos, Castro, Ferreira-Tonin, Corrêa, Weir, Park, Ottoboni, Neto & Destefano 2017; (Syn. <i>Burkholderia andropogonis</i> (Smith 1911)</p>	<p><i>Areca catechu</i> (pinang, betelnut palm), <i>Bougainvillea</i> spp. (bogenvil, bougenville), <i>Ceratonia siliqua</i> (locust bean), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Dianthus caryophyllus</i></p>	<p>bibit (seedlings), bunga (flowers, inflorescences, cone, calyx), jaringan meristem (meristem tissues), tanaman hasil mikropropagasi</p>	<p>Africa: Egypt, Ethiopia, Kenya, Nigeria, Rwanda, South Africa, Sudan, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Costa Rica, Cuba, El</p>

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	<p>Gillis <i>et al.</i> 1995, <i>Aplanobacter stizolobii</i> Wolf 1920, <i>Bacterium andropogonis</i> Smith 1911, <i>Bacterium stizolobii</i> (Wolf) McCulloch 1920, <i>Bacterium woodsii</i> Smith 1911, <i>Phytobacterium andropogonis</i> (Smith) Magrou and Prevot 1948, <i>Phytobacterium stizolobii</i> (Wolf) Magrou and Prevot 1948, <i>Phytobacterium woodsii</i> (Smith) Magrou and Prevot 1948, <i>Phytomonas andropogonis</i> (Smith) Bergey <i>et al.</i> 1930, <i>Phytomonas stizolobii</i> (Wolf) Bergey <i>et al.</i> 1930, <i>Phytomonas Woodsii</i> (Smith) Bergey <i>et al.</i> 1930, <i>Pseudomonas andropogonis</i> (Smith 1911) Stapp 1928, <i>Pseudomonas andropogonis</i> pv. <i>stizolobii</i> (Wolf) Palleroni</p>	<p>(anyelir, carnation), <i>Gypsophila paniculata</i> (baby's breath), <i>Limonium sinuatum</i> (sea pink), <i>Ruscus</i> spp., <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Strelitzia</i> spp., <i>Trifolium pratense</i> (purple clover), <i>Trifolium repens</i> (semanggi, white clover), <i>Trifolium subterraneum</i>, <i>Tulipa</i> (tulip), <i>Vaccinium</i> (blueberries), <i>Vicia sativa</i> (common vetch), <i>Zea mays</i> (jagung, corn, maize)</p>	<p>(micropropagated plants), tunas (buds, shoots)</p>	<p>Salvador, Haiti, Honduras, Mexico, USA, Uruguay, Venezuela Asia: Brunei Darussalam, China, Hong Kong, Iraq, Japan, Pakistan, Philippines, Taiwan, Thailand, Europe: Bulgaria, Hungary, Italy, Poland, Portugal, Russia Oceania: Australia, Federated States of Micronesia, New Zealand</p>

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	1984, <i>Pseudomonas stizolobii</i> (Wolf) Stapp 1935, <i>Pseudomonas woodsii</i> (Smith 1911) Stevens 1925), <i>Paraburkholderia andropogonis</i> (Smith) Sawana, Adeolu & Gupta); bacterial leaf stripe, bacterial leaf spot, striping			
39.	<i>Streptomyces ipomoeae</i> (Person and Martin 1940) Waksman and Henrici 1948; (Syn. <i>Actinomyces ipomoeae</i>); Streptomyces soil rot (pox), soil rot, ground rot, sweet potato soft rot, sweet potato soil rot, sweet potato pox	<i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea</i> spp. (morning glory)	akar (roots), bibit (seedlings), media tanam (growing media), planlet, tanah (soils), umbi (bulbs, corms, tubers)	America: USA Asia: Japan, Vietnam
40.	<i>Tatumella citrea</i> (Syn. <i>Pantoea citrea</i> , <i>Erwinia citreus</i>);	<i>Citrus reticulata</i> (jeruk mandarin, mandarin orange)	buah (fruits),	Africa: Tanzania America: Mexico, USA Asia: Japan, Philippines, Taiwan Oceania: Australia

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41.	<i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith) Vauterin, Hoste, Kersters and Swings; (Syn. <i>Bacillus pruni</i> (Smith) Holland 1920, <i>Bacterium cerasi</i> wraggi (Sackett) Elliott 1930, <i>Bacterium pruni</i> , (Smith) Smith 1905, <i>Phytomonas cerasi</i> wraggi Sackett 1925, <i>Pseudomonas pruni</i> Smith 1903, <i>Xanthomonas campestris</i> pv. <i>pruni</i> (Smith) Dye, <i>Xanthomonas pruni</i> (Smith) Dawson); bacterial canker of stone fruit; bacterial shot-hole of stone fruit; bacterial spot of stone fruit; bacterial spot of stone fruit; black spot of stone fruit	<i>Prunus apetata</i> , <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus buergeriana</i> , <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus davidiana</i> , <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (badam almond), <i>Prunus japonica</i> (Japanese bush cherry tree), <i>Prunus laurocerasus</i> (cherry laurel), <i>Prunus mume</i> (Japanese apricot tree), <i>Prunus persica</i> (persik, peach), <i>Prunus persica</i> var. <i>nucipersica</i> (nectarine), <i>Prunus salicina</i> (Japanese plum), <i>Prunus</i> spp. (stone fruit), <i>Prunus x lannesiana</i>	batang (stems), bibit (seedling), buah (fruits), daun (leaves), kulit kayu (bark)	Africa: South Africa, Zimbabwe America: Argentina, Bermuda, Brazil, Canada, , Mexico, Uruguay, USA, Asia: China, DPR Korea (North Korea), Hongkong, India, Japan, Jordan, Lebanon, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Tajikistan, Taiwan Europe: Belgium, France, Germany, Hungary, Italy, Moldova, Montenegro, Netherland, Norway, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine Oceania: Australia, New Zealand
42.	<i>Xanthomonas euvesicatoria</i> pv. <i>alfalfae</i> (Riker <i>et al.</i> 1935) Constantin <i>et al.</i> 2016;	<i>Glycine max</i> (kedelai, soyabean), <i>Lablab purpureus</i> (hyacinth bean), <i>Medicago</i>	batang (stems), biji (true seeds), daun (leaves), tanaman hasil	Africa: Egypt, Sudan America: El Salvador, Nicaragua, USA

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	<p>(Syn. <i>Xanthomonas axonopodis</i> pv. <i>alfalfae</i> (Riker <i>et al.</i> 1935) Vauterin <i>et al.</i> (1995), <i>Bacterium alfalfa</i> Riker, Jones and Davies 1935, <i>Phytomonas alfalfae</i> Riker, Jones and Davies 1935, <i>Pseudomonas alfalfa</i> Riker, Jones and Davies 1935, <i>Xanthomonas alfalfa</i> (Riker <i>et al.</i>) Dowson 1943, <i>Xanthomonas campestris</i> pv. <i>Alfalfae</i> (Riker <i>et al.</i>) Dye 1978, <i>Xanthomonas phaseoli</i> f.sp. <i>alfalfa</i> (Riker <i>et al.</i>) Sabet 1959); bacterial alfalfa leaf spot, bacterial leaf spot of lucerne</p>	<p><i>sativa</i> (alfalfa, lucerne), <i>Medicago scutellata</i> (snail medic), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), <i>Trifolium incarnatum</i> (Crimson clover), <i>Trifolium pratense</i> (semanggi, red clover), <i>Trifolium resupinatum</i> (shaftal clover), <i>Vicia benghalensis</i> (purple vetch), <i>Vicia faba</i> (faba bean), <i>Vicia sativa</i> (common vetch), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (kacang hijau, mung bean)</p>	<p>mikropropagasi (micropropagated plants),</p>	<p>Asia: Georgia, India, Syria Europe: Romania Oceania: Australia</p>
43.	<p><i>Xanthomonas axonopodis</i> pv. <i>allii</i> Roumagnac <i>et al.</i>; (Syn. <i>Xanthomonas campestris</i> pv. <i>allii</i>); onion bacterial blight</p>	<p><i>Allium</i> spp., <i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i> var. <i>aggregatum</i> (bawang merah, shallot), <i>Allium fistulosum</i> (bawang</p>	<p>akar (roots), batang (stems), bibit (seedling), biji (seeds), bunga (flowers), daun</p>	<p>Africa: Mauritius, Réunion, South Africa America: Barbados, Brazil, Cuba, Saint Kitts and Nevis, USA, Venezuela</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		daun, welsh onion), <i>Allium porrum</i> (bawang prei, leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Allium schoenoprasum</i> (kucai, chives)	(leaves), media tanam (growing media)	Asia: Japan, Myanmar Europe:
44.	<i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> (McCulloch and Pirone 1939) Vauterinet <i>et al.</i> 1995; (Syn. <i>Bacterium dieffenbachiae</i> McCulloch Pirone 1939, <i>Phytomonas dieffenbachiae</i> McCulloch and Pirone 1939, <i>Xanthomonas campestris</i> pv. <i>dieffenbachiae</i> McCulloch and Pirone 1939) Dye 1978, <i>Xanthomonas campestris</i> pv. <i>syngonii</i> Dickey and Zumoff 1987, <i>Xanthomonas</i>	<i>Aglaonema commutatum</i> , <i>Aglaonema crispum</i> , <i>Anthurium andreanum</i> , <i>Anthurium crystallinum</i> , <i>Anthurium scherzerianum</i> , <i>Caladium bicolor</i> hybrids, <i>Colocasia esculenta</i> , <i>Dieffenbachia maculata</i> (spotted dumbcane), <i>Epipremnum pinnatum</i> (sirih gading, centipede tongavine), <i>Philodendron hederaceum</i> (heart-leaf philodendron), <i>Philodendron hederaceum</i> var. <i>oxycardium</i> , <i>Philodendron selloum</i> , <i>Syngonium</i>	batang (stems), daun (leaves), media tanam (growing media) rimpang (rhizome), umbi (bulbs, corms, tubers)	Africa: Réunion, South Africa America: Barbados, Bermuda, Brazil, Canada, Costa Rica, Dominica, Guadeloupe, Jamaica, Martinique, Mexico, Puerto Rico, St. Vincent and the Grenadines, Trinidad and Tobago, USA, Venezuela Asia: China, Jordan, Philippines, Sri Lanka, Taiwan, Turkey Europe: Germany, Italy, Netherlands, Poland, Romania Oceania: Australia, French Polynesia, New Caledonia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>dieffenbachiae</i> (McCulloch and Pirone) Dowson 1943); anthurium blight, bacterial blight of aroids, tip burn of philodendron oxycardium	<i>podophyllum</i> (arrowhead vine), <i>Xanthosoma caracu</i> , <i>Xanthosoma sagittifolium</i> (epephant ear)		
45.	<i>Xanthomonas axonopodis</i> pv. <i>poinsettiicola</i> (Patel, Bhatt and Kulkarni) Vauterinet <i>et al.</i> 1995; (Syn. <i>Xanthomonas campestris</i> pv. <i>poinsettiicola</i> (Patel, Bhatt and Kulkarni) Dye 1978, <i>Xanthomonas poinsetticola</i> Patel, Bhatt and Kulkarni 1951, <i>Xanthomonas pulcherrimae</i> Quimio 1974, <i>Xanthomonas ricini</i> f.sp. <i>poinsetticola</i> (Patel, Bhatt and Kulkarni); bacterial leaf spot of <i>poinsettiia</i> , bacterial leaf spot of Euphorbia	<i>Codiaeum variegatum</i> (puring, croton), <i>Euphorbia heterophylla</i> (wild poinsettia), <i>Euphorbia milii</i> (Crown-of-thorns), <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Manihot esculenta</i> (ubi kayu, cassava)	batang (stems), bibit (seedling), daun (leaves), tunas (buds, shoots)	Africa: Mauritius America: USA, Venezuela Asia: China, Cocos Islands, India, Philippines, Taiwan Europe: Czechia, Germany, Italy, Norway, Slovenia Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
46.	<p><i>Xanthomonas axonopodis</i> pv. <i>vasculorum</i> (Cobb 1894) Vauterin <i>et al.</i> 1995; (Syn. <i>Bacillus vasculorum</i> Cobb 1893, <i>Bacterium vasculorum</i> (Cobb) Migula 1900, <i>Phytomonas vasculara</i> (Cobb) Bergey, <i>Phytomonas vasculorum</i> (Cobb) Bergey <i>et al.</i> 1923, <i>Pseudomonas vasculorum</i> (Cobb) Smith 1901, <i>Xanthomonas campestris</i> pv. <i>vasculorum</i> (Cobb 1894) Dye 1978, <i>Xanthomonas campestris</i> subsp. <i>vasculorum</i>, <i>Xanthomonas vasculorum</i> (Cobb) Dowson 1939); sugarcane gumming disease, gummosis of sugarcane, gummosis</p>	<p><i>Areca catechu</i> (pinang, betelnut palm), <i>Bambusa vulgaris</i> (common bamboo), <i>Cocos nucifera</i> (kelapa, coconut), <i>Coix lacryma-jobi</i>, <i>Dictyosperma album</i>, <i>Megathyrsus maximus</i> (Guinea grass), <i>Panicum millaceum</i> (millet), <i>Pennisetum purpureum</i>, <i>Roystonea regia</i> (palem raja, florida royal palm), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum</i> spp., <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Sorghum</i> spp. (sorgum, sorghum), <i>Thysanolaena latifolia</i> (Asian broom grass) <i>Zea mays</i> (jagung, corn, maize)</p>	<p>akar (roots), bibit (seedlings), biji (true seed), batang (stems), daun (leaves), kayu (woods), planlet, umbi (bulbs, corms, tubers)</p>	<p>Africa: Eswatini, Ghana, Madagascar, Malawi, Mauritius, Mozambique, Réunion, South Africa, Zimbabwe America: Antigua and Barbuda, Argentina, Belize, Colombia, Cuba, Dominica, Dominican Republic, French Guiana, Guadeloupe, Jamaica, Martinique, Mexico, Panama, Puerto Rico, Saint Kitts and Nevis, Trinidad and Tobago, USA Oceania: Papua Nugini</p>

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47.	<p><i>Xanthomonas axonopodis</i> pv. <i>vitians</i> (Brown 1918) Vauterin <i>et al.</i> 1995; (Syn. <i>Bacterium lactucae</i> Yamamoto 1934, <i>Bacterium vitians</i> Brown 1918, <i>Phytomonas lactucae</i> (Yamamoto) Burkholder 1939, <i>Phytomonas lactucae-scariolae</i> Thornberry and Anderson 1937, <i>Phytomonas vitians</i> (Brown) Bergey <i>et al.</i> 1923, <i>Pseudomonas lactucae</i> (Yamamoto) Krasil'nikov 1949, <i>Pseudomonas lactucae-scariolae</i> (Thornberry and Anderson) Krasil'nikov 1949, <i>Pseudomonas vitians</i> (Brown) Stevens 1925, <i>Xanthomonas campestris</i> pv. <i>vitians</i> (Brown 1918) Dye 1978, <i>Xanthomonas lactucae</i> (Yamamoto) Dowson 1943,</p>	<p><i>Lactuca sativa</i> (selada, lettuce), <i>Syngonium</i> spp., <i>Syngonium podophyllum</i> (arrowhead vine)</p>	<p>batang (stems), biji (true seeds), daun (leaves)</p>	<p>Africa: South Africa, Zimbabwe America: Brazil, USA, Venezuela Asia: Japan, Republic of Korea (South Korea), Turkey, Europe: Germany, Italy Oceania: Australia</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>Xanthomonas lactucae-scariolae</i> (Thornberry and Anderson) Savulescu 1947, <i>Xanthomonas vitians</i> (Brown) Dowson 1943); bacterial leaf spot, lettuce bacterial spot			
48.	<i>Xanthomonas campestris</i> pv. <i>armoraciae</i> (McCulloch) Dye 1978; (Syn. <i>Bacterium campestre</i> var. <i>armoraciae</i> 1929, <i>Phytomonas campestris</i> var. <i>armoraciae</i> (McCulloch) Bergey <i>et al.</i> 1930, <i>Pseudomonas campestris</i> var. <i>armoraciae</i> (McCulloch) Krasil'nikov 1949, <i>Xanthomonas armoraciae</i> (McCulloch) Burkholder 1959); <i>Xanthomonas</i> leaf spot, bacterial leaf spot of crucifer	<i>Armoracia rusticana</i> (lobak pedas, horseradish), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Iberis</i> spp. (candytuft)	batang (stems), biji (true seed), daun (leaves)	Africa: Zimbabwe America: Brazil, USA Asia: China, India, Japan, Turkey Europe: Ukraine Oceania: Australia

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49.	<i>Xanthomonas cassavae</i> (ex Wiehe and Dows.) Vauterin <i>et al.</i> 1995; (Syn. <i>Xanthomonas campestris</i> pv. <i>Cassavae</i> (Wiehe and Dowson 1953) Maraitte and Weyns, <i>Xanthomonas ricini</i> f.sp. <i>cassavae</i> (Wiehe and Dowson) Sabet <i>et al.</i> , 1969); cassava bacterial leaf spot, cassava bacterial necrosis	<i>Manihot esculenta</i> (ubi kayu, cassava)	batang (stems), daun (leaves)	Africa: Burundi, DR Congo, Kenya, Malawi, Rwanda, Tanzania, Uganda America: Colombia
50.	<i>Xanthomonas fragariae</i> Kennedy and King 1962; angular leaf spot	<i>Fragaria ananassa</i> (strawberry)	bibit (seedlings), organ perbanyak vegetatif (vegetative propagative materials)	Africa: Egypt, Ethiopia, Reunion America: Argentina, Brazil, Canada, Mexico, USA, Paraguay, Uruguay, Venezuela Asia: China, Iran, Jordan, Republic of Korea (South Korea), Taiwan Europe: Austria, Belgium, Bulgaria, France, Germany,

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				Italy, Netherlands, Portugal, Spain, Switzerland
51.	<i>Xanthomonas hortorum</i> pv. <i>carotae</i> (Kendrick) Vauterin <i>et al.</i> ; (Syn. <i>Bacterium carotae</i> (Kendrick) Burhwitz, <i>Phytomonas carotae</i> Kendrick, <i>Pseudomonas carotae</i> Kendrick, <i>Xanthomonas campestris</i> pv. <i>carotae</i> (Kendrick) Dye, <i>Xanthomonas carotae</i> (Kendrick) Dowson); bacterial blight of carrot, Carrot leaf blight (bacterial), root scab of carrot	<i>Coriandrum sativum</i> (ketumbar, coriander), <i>Daucus carota</i> (wortel, carrot)	bibit (seedlings), bahan perbanyakan vegetative (vegetative propagation material), daun (leaves)	Africa: Mauritius, South Africa America: Brazil, Canada, USA Asia: Japan, Kazakstan, South Korea Europe: Germany, Italy, Poland, Russia, Spain Oceania: Australia
52.	<i>Xanthomonas hortorum</i> pv. <i>pelargonii</i> (Brown 1923) Vauterin <i>et al.</i> 1995; (Syn. <i>Bacterium geranii</i> (Burkholder) Dowson 1939, <i>Bacterium pelargonii</i> Brown 1923, <i>Phytomonas geranii</i>	<i>Geranium sanguineum</i> (bloody cranesbill), <i>Pelargonium</i> spp. (pelargoniums), <i>Pelargonium graveolens</i> (rose geranium), <i>Pelargonium hortorum</i> (geranium, garden geranium),	batang (stems), daun (leaves), tunas (buds, shoots), bibit (seedlings/micropropagated plants)	Africa: Egypt, Morocco, South Africa America: Argentina, Brazil, Canada, USA Asia: India, Iran, Japan, Turkey,

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	Burkholder 1937, <i>Pseudomonas geranii</i> (Brown) Stevens 1925, <i>Xanthomonas campestris</i> pv. <i>pelargonii</i> (Brown 1923) Dye 1978, <i>Xanthomonas geranii</i> (Burkholder) Dowson 1939, <i>Xanthomonas pelargonii</i> (Brown) Starr and Burkholder 1942); bacterial leaf spot of pelargonium, bacterial blight	<i>Pelargonium peltatum</i> (ivy geranium)		Europe: Austria, Belgium, France, Germany, Greece, Hungary, Italy, Netherlands, Portugal, Romania, Sweden, Switzerland, United Kingdom Oceania: Australia

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53.	<i>Xanthomonas vasicola</i> pv. <i>holcicola</i> (Elliot 1930) Vauterin <i>et al.</i> 1995; (Syn. <i>Bacterium holcicola</i> Elliott 1930, <i>Phytomonas holcicola</i> (Elliott 1930) Bergey <i>et al.</i> 1934, <i>Pseudomonas holcicola</i> (Elliott 1930) Stapp 1935, <i>Xanthomonas campestris</i> pv. <i>holcicola</i> (Elliott 1930) Dye 1978, <i>Xanthomonas holcicola</i> (Elliott 1930) Starr and Burkholder 1942); streaky spot of sorghum and Sudan grass; melanosis of Panicum millet; bacterial streak of millet, bacterial leaf streak of sorgum, bacterial streak sorgum	<i>Panicum miliaceum</i> (millet), <i>Setaria italica</i> (jawawut, foxtail millet), <i>Sorghum almum</i> (Columbus grass), <i>Sorghum bicolor</i> (sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Zea mays</i> (jagung, maize, corn)	batang (stems), daun (leaves)	Africa: Ethiopia, Gambia, Ivory Coast, Madagascar, Niger, South Africa, Togo America: Argentina, Brazil, Mexico, USA, Venezuela Asia: Bangladesh, India, Iran, Kazakhstan, Pakistan, Philippines, Thailand Europe: France, Romania, Russia, Ukraine Oceania: Australia, New Zealand, Solomon Islands
54.	<i>Xylella fastidiosa</i> Wells <i>et al.</i> 1987; Pierce's disease of grapevines, citrus variegated	<i>Acacia cultiformis</i> , <i>Acacia dealbata</i> (acacia bernier), <i>Acacia longifolia</i> , <i>Acacia melanoxylon</i> , <i>Acacia saligna</i>	akar (roots), batang (stems), bibit (seedlings), buah (fruits), bunga	Africa: Egypt, America: Argentina, Brazil, Canada, Mexico, Paraguay,

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	chlorosis alfalfa dwarf, almond leaf scorch, dwarf lucerne, scorch, phony disease of peach, plum leaf scald, pecan bacterial leaf scorch	(coojong), <i>Acer granatense</i> , <i>Acer griseum</i> , <i>Acer macrophyllum</i> (broadleaf maple), <i>Acer negundo</i> (box elder), <i>Acer platanoides</i> (Norway maple), <i>Acer pseudoplatanus</i> (sycamore), <i>Acer rubrum</i> (red maple), <i>Acer saccharum</i> , <i>Acer</i> spp. (maple), <i>Adenocarpus lainzii</i> , <i>Aesculus hybrida</i> (buckeye), <i>Agathis australis</i> , <i>Agrostis gigantea</i> (black bent), <i>Ailanthus altissima</i> , <i>Albizia julibrissin</i> (silk tree), <i>Alectryon excelsus</i> , <i>Alnus rhombifolia</i> , <i>Alternanthera ficoidea</i> (rabbit meat), <i>Amaranthus retroflexus</i> , <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Ambrosia psilostachya</i> , <i>Ambrosia trifida</i> , <i>Ambrosia trifida</i> var. <i>texana</i> , <i>Ampelopsis arborea</i> ,	(inflorescence), daun (leaves), umbi lapis (corms) Vektor: Hemiptera, Cicadellidae: <i>Cicadella viridis</i> , <i>Carneocephala fulgida</i> , <i>Draeculacephala minerva</i> , <i>Graphocephala atropunctata</i> , Hemiptera, Cercopidae: <i>Philaenus spumarius</i>	Peru, Puerto Rico, USA, Venezuela Asia: Iran, Israel, Lebanon, Taiwan, Europe: France, Italy, Portugal, Spain

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		<p><i>Ampelopsis brevipedunculata</i> var. <i>hancei</i>, <i>Ampelopsis cordata</i>, <i>Anthyllis barba-jovis</i>, <i>Anthyllis hermanniae</i>, <i>Arbutus unedo</i>, <i>Arctostaphylos</i> spp. <i>Argyranthemum frutescens</i>, <i>Artemisia absinthium</i>, <i>Artemisia arborescens</i>, <i>Artemisia douglasiana</i>, <i>Artemisia</i> spp. (wormwoods), <i>Asparagus acutifolius</i>, <i>Athyrium filix-femina</i>, <i>Atriplex</i> spp., <i>Avena fatua</i> (wild oat), <i>Axonopus compressus</i>, <i>Brachiaria</i> spp. (signalgrass), <i>Baccharis halimifolia</i> (groundsel-bush), <i>Baccharis pilularis</i> (coyote brush), <i>Berberis thunbergia</i>, <i>Bidens pilosa</i> (blackjack), <i>Boerhavia diffusa</i>, <i>Brachiaria plantaginea</i>, <i>Brachyglottis</i> spp. <i>Brassica</i> spp., <i>Bromus</i></p>		

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		<p><i>diandrus</i> (great brome), <i>Bromus rigidus</i>, <i>Bromus</i> spp., <i>Broussonetia papyrifera</i>, <i>Calicotome spinosa</i> (spiny broom), <i>Calicotome villosa</i>, <i>Callicarpa americana</i>, <i>Calluna vulgaris</i>, <i>Calyptocarpus biaristatus</i>, <i>Campsis radicans</i>, <i>Capsella bursa- pastoris</i> (shepherd's purse), <i>Carex</i> spp. (sedges), <i>Carpinus caroliana</i>, <i>Carya aquatica</i>, <i>Carya cathayensis</i>, <i>Carya cordiformis</i>, <i>Carya floridana</i>, <i>Carya glabra</i>, <i>Carya illinoensis</i> (pecan), <i>Carya laciniosa</i>, <i>Carya pallida</i>, <i>Carya tomentosa</i>, <i>Castanea sativa</i>, <i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Celastrus orbiculatus</i> (Asiatic bittersweet), <i>Celtis occidentalis</i>, <i>Cenchrus clandestinus</i>, <i>Cenchrus</i></p>		

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		<p><i>echinatus</i> (southern sandbur), <i>Cercis canadensis</i>, <i>Cercis occidentalis</i> (Western redbud), <i>Cercis siliquastrum</i>, <i>Chamaecrista fasciculata</i>, <i>Chenopodiastrum murale</i>, <i>Chenopodium album</i>, <i>Chionanthus retusus</i>, <i>Chloris halophila</i>, <i>Cistus albidus</i>, <i>Cistus creticus</i>, <i>Cistus inflatus</i>, <i>Cistus ladanifer</i>, <i>Cistus monspeliensis</i>, <i>Cistus salviifolius</i>, <i>Cistus incanus</i>, <i>Citrus celebica</i>, <i>Citrus medica</i>, <i>Citrus natsudaikai</i>, <i>Citrus reticulata</i> (jeruk mandarin), <i>Citrus x aurantium</i>, <i>Citrus x aurantium</i> var. <i>paradisi</i>, <i>Citrus x aurantium</i> var. <i>sinensis</i>, <i>Citrus x aurantium</i> var. <i>tangerine</i>, <i>Citrus limon</i> (lemon), <i>Citrus x limonia</i>, <i>Citrus x limonia</i> var. <i>jambhiri</i>,</p>		

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		<p><i>Citrus x nobilis, Citrus x tangelo, Clematis cirrhosa, Clematis vitalba, Clinopodium nepeta, Coelorachis cylindrica, Coffea arabica (arabica coffee), Coffea canephora, Coffea eugenioides, Coffea excelsa, Coffea hybrids, Coffea kapakata, Coffea liberica, Coffea stenophylla, Coleonema album, Commelina benghalensis (wandering jew), Commelina erecta, Conium maculatum (poison hemlock), Convolvulus arvensis (bindweed), Convolvulus cneorum, Coprosma repens, Coprosma robusta, Cordyline australis, Cornus florida (Flowering dogwood), Cornus sanguinea, Corokia macrocarpa, Corokia spp., Coronilla valentina,</i></p>		

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		<p><i>Coronilla valentina</i> subsp. <i>glauca</i>, <i>Cortaderia selloana</i>, <i>Corynocarpus laevigatus</i>, <i>Croton setigerus</i>, <i>Cynodon dactylon</i> (Bermuda grass), <i>Cyperus eragrostis</i> (Tall flatsedge), <i>Cystisus multiflorus</i>, <i>Cystisus scoparius</i> (Scotch broom), <i>Cystus striatus</i>, <i>Cystus villosus</i>, <i>Cystus wrightii</i>, <i>Datura wrightii</i>, <i>Dichanthelium acuminatum</i>, <i>Digitaria horizontalis</i>, <i>Digitaria insularis</i> (sourgrass), <i>Digitaria sanguinalis</i>, <i>Dimorphotheca ecklonis</i>, <i>Dimorphotheca fruticose</i>, <i>Diospyros kaki</i>, <i>Diplocylos palmatus</i>, <i>Distimake macrocalyx</i>, <i>Dittrichia viscosa</i>, <i>Duranta erecta</i>, <i>Dysphania ambrosioides</i>, <i>Echinochloa crus-galli</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		beech), <i>Fatsia japonica</i> , <i>Ficus carica</i> (common fig), <i>Fragaria vesca</i> subsp. <i>bracteate</i> (wild strawberry), <i>Frangula alnus</i> , <i>Fraxinus americana</i> , <i>Fraxinus angustifolia</i> (narrow-leaved ash), <i>Fraxinus dipetala</i> , <i>Fraxinus excelsior</i> , <i>Fraxinus pennsylvanica</i> , <i>Fuchsia magellanica</i> , <i>Gazania rigens</i> , <i>Genista balearica</i> , <i>Genista ephedroides</i> , <i>Genista hirsute</i> , <i>Genista scorpius</i> , <i>Genista triacanthos</i> , <i>Genista tricuspitate</i> , <i>Genista tridentata</i> , <i>Genista x spachiana</i> , <i>Geranium dissectum</i> (cutleaf geranium), <i>Ginkgo biloba</i> (kew tree), <i>Gleditsia triacanthos</i> , <i>Grevillea juniperina</i> , <i>Grevillea rosmarinifolia</i> , <i>Halimium calycinum</i> , <i>Halimium lasianthum</i> , <i>Halimium</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>ocymoides, Haloragis erecta, Haloragis erecta, Hebe elliptica, Hebe spp., Hedera helix (ivy), Helichrysum spp., Helianthus annuus, Halichrysum stoechas, Haliotropium europaeum, Haliotropium fruticosum, Haliotropium indicum, Hemerocallis spp. (daylilies), Heterotheca grandifolis, Hevea brasiliensis, Hibiscus rosasinensis, Hibiscus schizopetalus (fringed hibiscus), Hibiscus syriacus, Hordeum murinum (mouse barley), Humulus scandens, Hydrangea paniculata, Hypericum androseamum, Hypericum perforatum, Hypochaeris brasiliensis, Ilex aquifolium (holly), Ilex vomitoria (Yaupon), Ipomoea carnea subsp. fistula, Iva</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>annua, Jacaranda mimosifolia</i> (jacaranda), <i>Jacaranda maritima, Juglans regia, Juniperus ashei, Koelreuteria bipinnata, Lactuca serriola</i> (prickly lettuce), <i>Lagerstroemia indica</i> (Indian crape myrtle), <i>Laurus nobilis, Lavandula x heterophylla, Lavandula angustifolia</i> (lavender), <i>Lavandula dentata, Lavandula latifolia, Lavandula stoechas, Lavandula x chaytorae, Lavandula x intermedia, Leonurus sibiricus, Lepidium auriculatum, Lepidium didymum</i> (lesser swine-cress), <i>Lepidium ruderate, Leucophyta brownii, Ligustrum lucidum</i> (broad-leaf privet), <i>Ligustrum sinense, Liquidambar styraciflua, Liriodendron tulipifera</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(tuliptree), <i>Liquidambar styraciflua</i> (sweet gum), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Lonicera implexa</i> , <i>Lonicera japonica</i> (Japanese honeysuckle), <i>Lonicera periclymenum</i> , <i>Ludwigia grandiflora</i> (water primrose), <i>Lupinus aridorium</i> , <i>Lupinus villosus</i> , <i>Magnolia grandiflora</i> (Southern magnolia), <i>Magnolia x soulangea</i> , <i>Magnolia paniculatus</i> , <i>Malva multiflora</i> , <i>Malva parviflora</i> (pink cheeseweed), <i>Marrubium vulgare</i> (horehound), <i>Medicago arborea</i> (medic), <i>Medicago polymorpha</i> , <i>Medicago sativa</i> (alfalfa, lucerne), <i>Melaleuca citrina</i> , <i>Melicope ternata</i> , <i>Melicytus ramiflorus</i> , <i>Melilotus</i> spp.,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Melissa officinalis, Mentha suaveolens, Meryta sinclairii, Metrosideros excelsa, Metrosideros kermadecensis, Mimosa spp., Modiola caroliniana, Montia linearis, Morus alba (murbei, mulberry), Morus rubra (red mulberrytree), Myoporum insulare, Myoporum laetum, Myrtus communis, Nandina domestica (Nandina), Neptunia domestica, Nerium oleander (oleander), Olea europaea, Olea europaea subsp. europaea (European olive), Parthanium hysterophorus, Parthenocissus quinquefolia, Parthenocissus tricuspidate, Paspalum dilatatum (dallis grass), Paspalum regnellii, Paspalum urvillei, Passiflora foetida (red fruit passion</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		flower), <i>Pelargonium graveolens</i> , <i>Pelargonium x fragrans</i> , <i>Persea americana</i> (avocad, avocado), <i>Persicaria maculosa</i> , <i>Phagnalon</i> spp, <i>Phalaris angusta</i> , <i>Phillyrea angustifolia</i> , <i>Phlomis fruticose</i> , <i>Phlomis italica</i> , <i>Phoenix reclinata</i> (senegal date palm), <i>Phoenix roebellini</i> , <i>Phormium colencoi</i> , <i>Phormium tenax</i> , <i>Pinus taeda</i> , <i>Pistacia vera</i> (pistachio), <i>Pittosporum crassifolium</i> , <i>Pittosporum eugenioides</i> , <i>Pittosporum tenuifolium</i> , <i>Pittosporum umbellatum</i> , <i>Plantago lanceolata</i> (ribwort plantain), <i>Plantag major</i> , <i>Platanus</i> spp. (planes), <i>Platanus occidentalis</i> (sycamore), <i>Platanus x hispanica</i> , <i>Pluchea odorata</i> , <i>Poa annua</i> (annual		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		meadowgrass), <i>Polygala myrtifolia</i> , <i>Polygala x dalmaisiana</i> , <i>Polygonum arenastrum</i> , <i>Portulaca oleracea</i> (purslane), <i>Prunus americana</i> , <i>Prunus angustifolia</i> (Mountain cherry tree), <i>Prunus armeniaca</i> , <i>Prunus avium</i> (sweet cherry), <i>Prunus campanulata</i> , <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cerasus</i> (sour cherry), <i>Prunus domestica</i> (plum), <i>Prunus dulcis</i> (badam, almond), <i>Prunus hortulaca</i> , <i>Prunus</i> hybrids, <i>Prunus laurocerasus</i> , <i>Prunus mexicana</i> , <i>Prunus mume</i> , <i>Prunus munsoniana</i> , <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Prunus serotina</i> (black cherry), <i>Prunus serrulate</i> , <i>Prunus simonii</i> , <i>Psidium</i> spp.,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Pteridium aquilinum,</i> <i>Pyracantha coccinea, Pyrus</i> <i>spp., Pyrus pyrifolia, Quercus</i> <i>agrifolia, Quercus alba</i> (white oak), <i>Quercus cerris, Quercus coccinea</i> (scarlet oak), <i>Quercus falcata</i> (red oak), <i>Quercus ilex, Quercus imbricaria,</i> <i>Quercus incana, Quercus laevis</i> (Turkey oak), <i>Quercus laurifolia</i> (Laurel oak), <i>Quercus macrocarpa</i> (mossy-cup oak), <i>Quercus nigra</i> (water oak), <i>Quercus palustris</i> (pin oak), <i>Quercus phellos</i> (Willow oak), <i>Quercus prinus, Quercus pubescens,</i> <i>Quercus pyrenaica, Quercus robur,</i> <i>Quercus rubra</i> (northern red oak), <i>Quercus shumardii, Quercus suber,</i> <i>Quercus velutina</i> (black oak), <i>Quercus virginiana,</i> <i>Ranunculus repens</i> (creeping</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		buttercup), <i>Raphanus sativus</i> , <i>Ratibida columnifera</i> , <i>Retama monosperma</i> , <i>Reynoutria japonica</i> , <i>Rhamnus alaternus</i> , <i>Rhus</i> spp., <i>Richardia</i> spp., <i>Robinia pseudoacacia</i> , <i>Rosa californica</i> , <i>Rosa canina</i> , <i>Rosa spp.</i> , <i>Rosmarinus officinalis</i> (rosemary), <i>Rubus idaeus</i> , <i>Rubus procerus</i> , <i>Rubus rigidus</i> , <i>Rubus ulmifolius</i> , <i>Rubus ursinus</i> , <i>Rubus vitifolius</i> , <i>Rumex crispus</i> (curled dock), <i>Ruta chalepensis</i> , <i>Ruta graveolens</i> , <i>Salix strobilifera</i> , <i>Salsola tragus</i> , <i>Salvia abrotanoides</i> , <i>Salvia mellifera</i> , <i>Salvia officinalis</i> , <i>Salvia rosmarinus</i> , <i>Sambucus canadensis</i> , <i>Sambucus cerulea</i> , <i>Sambucus nigra</i> , <i>Santolina chamaecyparissus</i> , <i>Santolina magonica</i> , <i>Sapindus</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Saponaria, Sassafras albidum, Scabiosa atropurpurea var. maritima, Senecio grisebachii, Senecio inaequidens, Senecio vulgaris, Setaria magna, Sida rhombifolia, Silybum marianum (variegated thistle), Sisymbrium irio, Solanum americanum, Solidago canadensis, Solidago fistulosa, Solidago virgaurea, Sonchus spp. (Sowthistle), Sonchus oleraceus (common sowthistle), Sophora secundiflora, Sorghum halepense (Johnson grass), Spartium junceum (Spanish broom), Spermacoce latifolia, Stachys arvensis, Stellaria media (common chickweed), Stewartia pseudocamellia, Strelitzia reginae (Queens bird-of-paradise),</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Streptocarpus</i> hybrids, <i>Symphotrichum divaricatum</i>, <i>Syringa vulgaris</i>, <i>Syzygium paniculatum</i>, <i>Talinum paniculatum</i>, <i>Taraxacum officinale</i>, <i>Taraxacum officinale complex</i> (dandelion), <i>Teucrium capitatum</i>, <i>Thymus vulgaris</i>, <i>Toxicodendron diversilobum</i>, <i>Trifolium incarnatum</i> (clover), <i>Trifolium repens</i> (clover), <i>Ulex europaeus</i>, <i>Ulex micranthus</i>, <i>Ulex minor</i>, <i>Ulex parviflorus</i>, <i>Ulmus americana</i> (american elm), <i>Ulmus americana</i>, <i>Ulmus crassifolia</i>, <i>Ulmus glabra</i>, <i>Ulmus pumila</i>, <i>Ulmus x hollandica</i>, <i>Urochloa emini</i>, <i>Urtica dioica</i> subsp. <i>gracilis</i>, <i>Urtica urens</i> (annual nettle), <i>Vaccinium corymbosum</i> (blueberry), <i>Vaccinium darrowii</i>, <i>Vaccinium virgatum</i>,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Verbena litoralis</i>, <i>Veronica</i> spp. (Speedwell), <i>Veronica persica</i>, <i>Vicia ludoviciana</i>, <i>Vinca major</i>, <i>Vinca minor</i> (common periwinkle), <i>Vitex agnus-castus</i>, <i>Vitex lucens</i>, <i>Vitis aestivalis</i> (grape), <i>Vitis arizonica</i>, <i>Vitis bourquiniana</i>, <i>Vitis californica</i>, <i>Vitis candicans</i> (Mustang grape), <i>Vitis cinerea</i>, <i>Vitis cinerea var floridana</i>, <i>Vitis girdiana</i>, <i>Vitis</i> hybrids, <i>Vitis labrusca</i> (fox grape), <i>Vitis munsoniana</i>, <i>Vitis riparia</i>, <i>Vitis rotundifolia</i>, <i>Vitis shuttleworthii</i>, <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis x champinii</i>, <i>Westringia fruticosa</i>, <i>Westringia glabra</i>, <i>Wisteria frutescens</i>, <i>Xanthium spinosum</i> (bathurst burr), <i>Xanthium strumarium</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
55.	<i>Xylophilus ampelinus</i> (Panagopoulos 1969) Willems <i>et al.</i> 1987; (Syn. <i>Xanthomonas ampelina</i> Panagopoulos 1969); canker of grapevine, bacterial blight of grapevine, black arm	<i>Vitis vinifera</i> (anggur, grapevine)	batang (stems), bibit (seedling)	Africa: South Africa, Asia: Japan, Jordan Europe: France, Greece, Italy, Moldova, Russia, Slovenia, Ukraine

10. MOLLICUTE

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<p><i>Candidatus</i> Phytoplasma asteris; (Syn. <i>Aster yellows phytoplasma group</i>, <i>Phytoplasma asteris</i>, <i>European aster yellows phytoplasma</i>, <i>Hydrangea virescence phytoplasma</i>, <i>Maize bushy stunt phytoplasma</i>, <i>Maryland aster yellows phytoplasma</i>, <i>Mulberry dwarf phytoplasma</i>, <i>Olive witches' broom phytoplasma</i>, <i>Phytoplasma asteris</i>); aster yellow, tomato big bud; western aster yellows, periwinkle little leaf, eastern aster yellows; purple coneflower yellows, multiplier disease, yellow</p>	<p><i>Acer negundo</i> (box elder), <i>Achyranthes aspera</i> (devil's horsewhip), <i>Aconitum napellus</i> (aconite monkshood), <i>Adenium obesum</i>, <i>Allium ampeloprasum</i> (wild leek), <i>Allium cepa</i> (bawang bombai, onion), <i>Allium sativum</i> (garlic), <i>Alstroemeria</i> spp. (Inca lily), <i>Amaranthus</i> spp. (amaranth), <i>Amaranthus hypochondriacus</i>, <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Ammi majus</i> (Bishop's-weed), <i>Ampelopsis brevipedunculata</i> (Amur amelopsis), <i>Ananas comosus</i> (nanas, pineapple), <i>Anemone coronaria</i> (Poppy anemone), <i>Anethum graveolens</i> (dill),</p>	<p>bibit (seedling, micropropagated plants), umbi (bulbs, corm, tubers), akar (roots), batang (stems), rimpang (rhizomes), bunga (flowers), daun (leaves), kultur jaringan (tissue culture)</p> <p>Vektor: Hemiptera Cicadellidae: <i>Euscelis plebeja</i>, <i>Hishimonoides sellatiformis</i>, <i>Macrosteles quadrilineatus</i>, <i>Scaphytopius</i></p>	<p>Africa: Egypt, South Africa America: Argentina, Bermuda, Brazil, Canada, Colombia, Costa Rica, Cuba, Guatemala, Mexico, Peru, Saint Vincent and the Grenadines, USA, Asia: China, India, Iran, Japan, Lebanon, Myanmar, Pakistan, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand, Turkiye, Europe: Belarus, Belgium, Czech Republic, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Poland, Portugal, Romania, Russia, Spain, Ukraine, UK, Oceania: Australia.</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	disease phytoplasma	<i>Apium graveolens</i> (seledri, celery), <i>Aralia</i> spp., <i>Asparagus officinalis</i> (asparagus), <i>Avena sativa</i> (oats), <i>Bellis perennis</i> (common daisy), <i>Beta vulgaris</i> (beetroot), <i>Bougainvillea spectabilis</i> (great bougainvillea), <i>Brachyscome multifida</i> , <i>Brassica napus</i> , <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>italica</i> (broccoli), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Bromus inermis</i> (awnless brome), <i>Bunias orientalis</i> (Turkish warty-cabbage), <i>Bupleurum falcatum</i> , <i>Cajanus cajan</i> (kacang gude, pigeon pea),	<i>magdalensis</i>	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Calendula officinalis</i> (pot marigold), <i>Callistephus chinensis</i> (China aster), <i>Camelina sativa</i>, <i>Cannabis sativa</i> (hemp), <i>Capsicum annum</i> (cabai, paprika, bell pepper), <i>Carica papaya</i> (pepaya, pawpaw), <i>Carthamus tinctorius</i> (safflower), <i>Catharanthus roseus</i> (tapak dara, pink periwinkle), <i>Celosia argentea</i> (celosia), <i>Celtis australis</i> (European nettle wood), <i>Chrysanthemum coronarium</i> (garland chrysanthemum), <i>Chrysanthemum frutescens</i> (marguerite), <i>Chrysanthemum morifolium</i> (<i>chrysanthemum</i>), <i>Cirsium arvense</i> (creeping thistle), <i>Citrus maxima</i> (pummelo), <i>Citrus paradisi</i>, <i>Citrus reticulata</i> (mandarin), <i>Citrus</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>sinensis, Clarkia unguiculata, Cocos nucifera</i> (kelapa, coconut), <i>Consolida ambigua</i> (rocket larkspur), <i>Conyza bonariensis</i> (hairy fleabane), <i>Conyza canadensis</i> (Canadian fleabane), <i>Coreopsis lanceolata</i>, <i>Coreopsis tinctoria</i>, <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Cornus racemosa</i> (gray dogwood), <i>Corylus avellana</i> (hazel), <i>Cosmos bipinnatus</i> (garden cosmos), <i>Crotalaria spectabilis</i> (showy rattlepod), <i>Crotalaria tetragona</i>, <i>Croton</i> spp., <i>Cryptotaenia canadensis</i> (honestwort), <i>Cryptotaenia japonica</i>, <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (labu kuning, zucchini, zucchini), <i>Cuscuta</i> spp. (tali putri, dodder),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Cyclamen persicum</i> (cyclamens), <i>Cyclanthera pedata</i>, <i>Cynodon dactylon</i> (rumput grinting, Bermuda grass), <i>Cyrtostachys renda</i>, <i>Dahlia</i> spp., <i>Daucus carota</i> (wortel, carrot), <i>Delphinium hybrids</i> (florist's larkspur), <i>Dicentra formosa</i>, <i>Dicentra spectabilis</i> (bleeding heart), <i>Digitalis lanata</i> (Grecian foxglove), <i>Diplotaxis eruroides</i>, <i>Dysphania ambrosioides</i> (Mexican tea), <i>Echinacea purpurea</i> (purple coneflower), <i>Eclipta prostrata</i> (eclipta), <i>Elaeagnus angustifolia</i> (Russian olive), <i>Elaeis guineensis</i> (kelapa sawit, African oil palm), <i>Emilia sonchifolia</i> (red tasselflower), <i>Epilobium</i> (willowherbs), <i>Eriobotrya japonica</i> (loquat), <i>Eryngium</i></p>		

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		<p><i>alpinum</i>, <i>Erysimum linifolium</i>, <i>Eschscholzia californica</i> (california poppy), <i>Etlingera elatior</i> (torch ginger), <i>Eucalyptus</i> spp., <i>Eucalyptus camaldulensis</i> (red gum), <i>Eupatorium capillifolium</i> (Dog fennel), <i>Euphorbia heterophylla</i>, <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Festuca arundinacea</i> (tall fescue), <i>Fortunella japonica</i> (round kumquat), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fraxinus uhdei</i> (tropical ash), <i>Freesia</i> spp., <i>Gaillardia pulchella</i> (Indian blanket), <i>Gerbera jamesonii</i> (African daisy), <i>Geum coccineum</i>, <i>Gladiolus hybrids</i> (sword lily), <i>Glycine max</i> (soyabean), <i>Gomphocarpus physocarpus</i> (balloon cotton bush),</p>		

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		<p><i>Gossypium</i> spp. (cotton), <i>Gossypium hirsutum</i> (Bourbon cotton), <i>Guizotia abyssinica</i> (niger), <i>Helianthus debilis</i> (beach sunflower), <i>Hibiscus rosa-sinensis</i> (China-rose), <i>Hordeum vulgare</i> (barley), <i>Humulus lupulus</i> (hop), <i>Hyacinthus orientalis</i> (hyacinth), <i>Hydrangea macrophylla</i> (French hydrangea), <i>Impatiens balsamina</i> (garden balsam), <i>Ipomoea obscura</i>, <i>Isopyrum thalictroides</i>, <i>Jatropha curcas</i> (jatropha), <i>Juniperus</i> (junipers), <i>Koelreuteria paniculata</i> (golden rain tree), <i>Lactuca sativa</i> (selada, lettuce), <i>Lactuca serriola</i> (prickly lettuce), <i>Larix spp.</i> (<i>larches</i>), <i>Lepidium draba</i> (hoary cress), <i>Lilium</i> spp. (lili, lily),</p>		

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		<p><i>Limonium sinuatum</i> (sea pink), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lotus corniculatus</i> (bird's-foot trefoil), <i>Luffa</i> spp., <i>Luffa aegyptiaca</i> (loofah), <i>Lupinus</i> spp. (lupins), <i>Lychnis flos-cuculi</i>, <i>Macadamia integrifolia</i> (macadamia nut), <i>Magnolia</i> spp., <i>Malus domestica</i> (apel, apple), <i>Malva</i> spp. (mallow), <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (singkong, cassava), <i>Matricaria perforata</i> (false chamomile), <i>Medicago sativa</i> (lucerne), <i>Melia azedarach</i> (Chinaberry), <i>Melochia corchorifolia</i> (redweed), <i>Mimosa pudica</i> (putri malu, sensitive plant), <i>Momordica charantia</i> (pare, bitter gourd), <i>Morus alba</i>, <i>Morus bombycis</i></p>		

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		(Japanese mulberry), <i>Musa acuminata</i> (wild banana), <i>Musa balbisiana</i> , <i>Muscari armeniacum</i> , <i>Myriophyllum aquaticum</i> (parrot's feather), <i>Myrtus communis</i> (myrtle), <i>Nasturtium officinale</i> (watercress), <i>Nigella damascena</i> (Love-in-a-mist), <i>Ocimum basilicum</i> (basil), <i>Olea europaea</i> subsp. <i>europaea</i> (zaitun, olive), <i>Opuntia</i> spp. (pricklypear), <i>Opuntia ficus-indica</i> (prickly pear), <i>Pachysandra terminalis</i> (Japanese spurge), <i>Papaver rhoeas</i> (common poppy), <i>Parthenium hysterophorus</i> (parthenium weed), <i>Passiflora edulis</i> (passionfruit), <i>Paulownia tomentosa</i> (paulownia), <i>Pelargonium</i> pelargoniums, <i>Pennisetum glaucum</i> (pearl		

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		millet), <i>Petroselinum crispum</i> (peterseli, parsley), <i>Petunia</i> , <i>Phaseolus vulgaris</i> , <i>Phlox drummondii</i> (annual phlox), <i>Phoenix dactylifera</i> (date-palm), <i>Physalis ixocarpa</i> , <i>Piper nigrum</i> (black pepper), <i>Pittosporum undulatum</i> (Australian cheesewood), <i>Plantago</i> spp. (Plantain), <i>Poa pratensis</i> (smooth meadow-grass), <i>Populus</i> (poplars), <i>Populus nigra</i> (black poplar), <i>Portulaca oleracea</i> (purslane), <i>Primula</i> spp. (primrose), Poaceae, <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus cerasus</i> (sour cherry), <i>Prunus persica</i> (peach), <i>Prunus persica</i> var. <i>nucipersica</i> (nectarine), <i>Prunus salicina</i> (Japanese plum), <i>Psylliostachys suworowii</i> ,		

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		<p><i>Pterocarya stenoptera</i> (chinese wing nut), <i>Pyrus communis</i> (European pear), <i>Quercus robur</i> (common oak), <i>Ranunculus asiaticus</i> (garden crowfoot), <i>Raphanus raphanistrum</i> (wild radish), <i>Raphanus sativus</i> (lobak, radish), <i>Rhododendron</i> (Azalea), <i>Ribes nigrum</i> (blackcurrant), <i>Ribes rubrum</i> (red currant), <i>Rosa multiflora</i> (multiflora rose), <i>Rosa rugosa</i> (rugosa rose), <i>Roystonea regia</i> (palem raja, cuban royal palm), <i>Rubus</i> spp. (blackberry, raspberry), <i>Rubus fruticosus</i> (blackberry), <i>Rudbeckia hirta</i>, <i>Saccharum</i> spp., <i>Salix</i> (willows), <i>Salix babylonica</i> (weeping willow), <i>Salix guebriantiana</i>, <i>Santalum album</i> (Indian sandalwood),</p>		

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		<p><i>Saponaria officinalis</i> (soapwort), <i>Scabiosa atropurpurea</i> (Pincushion), <i>Schizanthus pinnatus</i>, <i>Sechium edule</i> (chayote) <i>Sechium tacao</i>, <i>Sedum spectabile</i> (showy stonecrop), <i>Senecio jacobaea</i> (common ragwort), <i>Sesamum indicum</i> (sesame), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Solidago</i> (goldenrod), <i>Sonchus arvensis</i> (perennial sowthistle), <i>Sonchus asper</i> (spiny sow-thistle), <i>Sonchus oleraceus</i> (common sowthistle), <i>Spinacia oleracea</i> (spinach), <i>Spiraea bumalda</i>, <i>Spiraea tomentosa</i> (hardhack), <i>Stellaria media</i></p>		

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		(common chickweed), <i>Streblus asper</i> , <i>Syringa oblata</i> , <i>Syringa reticulata</i> , <i>Syringa vulgaris</i> (lilac), <i>Tagetes erecta</i> (Mexican marigold), <i>Tagetes patula</i> (French marigold), <i>Tanacetum cinerariifolium</i> (Pyrethrum), <i>Tanacetum parthenium</i> (Feverfew), <i>Taraxacum officinale complex</i> (dandelion), <i>Toona ciliata</i> (toon), <i>Trifolium hybridum</i> (alsike clover), <i>Trifolium pratense</i> (semanggi, purple clover), <i>Trifolium repens</i> (semanggi, white clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Ulmus</i> spp. (elms), <i>Vaccinium</i> spp. (blueberries), <i>Valeriana officinalis</i> (common valerian), <i>Verbascum densiflorum</i> , <i>Vitis vinifera</i> (anggur, grapevine), <i>Withania</i>		

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		<i>somnifera</i> (poisonous gooseberry), <i>Wodyetia bifurcata</i> (palem ekor tupai, foxtail palm), <i>Xanthoceras sorbifolium</i> , <i>Yucca constricta</i> , <i>Zanthoxylum schinifolium</i> , <i>Zea mays</i> (jagung, maize, corn), <i>Zinnia elegans</i> (zinnia)		
2.	<i>Candidatus</i> Phytoplasma <i>cocostanzaniae</i> ; (Syn. <i>Phytoplasma cocostanzaniae</i> , <i>Tanzania lethal decline phytoplasma</i>); <i>Tanzania lethal decline of coconut</i>	<i>Cocos nucifera</i> (kelapa, coconut), <i>Phoenix dactylifera</i> (kurma, dates)	bibit (seedlings), biji (true seed), kultur jaringan (tissue culture)	Africa: Kenya, Madagaskar, Mozambique, Tanzania.
3.	<i>Candidatus</i> Phytoplasma <i>mali</i> ; (Syn. <i>Apple proliferation phytoplasma</i> , <i>Apple witches' broom phytoplasma</i> , <i>Phytoplasma Mali</i>); apple proliferation, witches' broom of apple,	<i>Carpinus betulus</i> , <i>Convolvulus arvensis</i> (bindweed), <i>Corylus avellana</i> , <i>Cynodon dactylon</i> (rumput bermuda, <i>bermuda grass</i>), <i>Dahlia</i> spp., <i>Dahlia</i> hybrids, <i>Lilium</i> spp., <i>Lilium</i> hybrids, <i>Malus baccata</i> , <i>Malus domestica</i> (apel, apple),	bibit (seedlings, micropropagated plants), suluran (stolon), tunas (buds, shoots), bagian vegetatif lainnya (vegetative materials), kultur jaringan (tissue culture)	Africa: Tunisia America: Canada, Asia: Lebanon, Syria, Turkiye Europe: Albania, Austria, Belarus, Bosnia and Herzegovina, Belgium, Bulgaria, Croatia, Czechia, Finland, France, Germany, Greece, Hungary, Italy, Lithuania,

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		<p><i>Malus floribunda, Malus fusca, Malus halliana, Malus hupehensis, Malus kansuensis, Malus prunifolia, Malus surgentii, Malus spectabilis, Malus sylvestris, Malus toringoides, Malus x adstringens, Malus x atrosanguinea, Malus x magdeburgensis, Malus micromalus, Malus x moerlandsii, Malus x purpurea, Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasus, Prunus domestica</i> (prem, plum), <i>Prunus persica, Prunus salicina</i> (Japanese plum), <i>Punica granatum, Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia, Quercus robur, Quercus rubra, Ribes</i> spp., <i>Vitis vinifera</i> (anggur,</p>	<p>Vekor: Hemiptera, Psyllidae: <i>Cacopsylla melanoneura, Cacopsylla picta, Fiberiella florii</i></p>	<p>Moldova, Netherlands, Norway, Poland, Romania, Russia Federation, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine</p>

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		grapevine)		
4.	<p><i>Candidatus</i> Phytoplasma palmae; (Syn. <i>Coconut lethal yellowing phytoplasma</i>, <i>Coconut lethal yellowing mycoplasma-like organism</i>, <i>palm lethal yellowing phytoplasma</i>); lethal yellowing of palm, coconut lethal yellowing, lethal yellowing, palm lethal decline phytoplasma</p>	<p><i>Acrocomia aculeata</i>, <i>Adonidia merrillii</i> (christmas palm), <i>Aiphanes horrida</i>, <i>Aiphanes lindeniana</i>, <i>Aiphanes minima</i>, <i>Allagoptera arenaria</i> (seashore palm), <i>Areca catechu</i>, <i>Arenga engleri</i>, <i>Arenga pinnata</i>, <i>Attalea butyracea</i>, <i>Borassus flabellifer</i> (siwalan, lontar, palmyra palm), <i>Butia odorata</i>, <i>Carludovica palmata</i>, <i>Carpentaria acuminata</i>, <i>Caryota mitis</i> (fishtail palm), <i>Caryota rumphiana</i> (giant fishtail palm), <i>Caryota urens</i>, <i>Chelyocarpus chuco</i> (round leaf palm), <i>Chrysalidocarpus cabadae</i>, <i>Cleome rutidosperma</i>, <i>Cocos nucifera</i> (kelapa, coconut), <i>Copernicia alba</i>, <i>Corypha taliera</i> (buri palm), <i>Coryota umbraculifera</i>, <i>Corypha utan</i>, <i>Crysophila</i></p>	<p>bibit (seedlings, micropropagated plants), biji (true seed), kultur jaringan (tissue culture)</p> <p>Vektor: Hemiptera, Cixiidae: <i>Haplaxius crudus</i> (Syn. <i>Myndus crudus</i>); Cicadellidae, Fulgoridae</p>	<p>Africa: Cameroon, Ivory Coast, Equatorial Guinea, Ghana, Kenya, Madagaskar, Mozambique, Nigeria, Tanzania, America: Antigua and Barbuda, Belize, Cayman Islands, Cuba, Dominica, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Netherland Antilles, Saint Kitts and Nevis, USA, Oceania: Australia, Papua Nugini</p>

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		<p><i>warsecewiczii</i> (rootspine palm), <i>Cyphophoenix nucele</i> (lifou palm), <i>Dictyosperma album</i> (princess palm), <i>Dypsis cabadae</i> (cabada palm), <i>Dypsis decaryi</i> (triangle palm), <i>Dypsis leptocheilos</i>, <i>Dypsis lutescens</i>, <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Gaussia attenuata</i> (Puerto Rican Gaussia palm), <i>Howea belmoreana</i> (Belmore sentry palm), <i>Howea forsteriana</i>, <i>Hyophorbe verschaffeltii</i>, <i>Latania lontaroides</i> (Latan palm), <i>Latania</i> spp., <i>Livistona chinensis</i> (Chinese fan palm), <i>Livistona rotundifolia</i> (footstool palm), <i>Macroptilium lathyroides</i>, <i>Nannorrhops ritchiana</i> (Mazari palm), <i>Phoenix canariensis</i>, <i>Phoenix dactylifera</i> (kurma, date palm), <i>Phoenix reclinata</i>,</p>		

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		<i>Phoenix rupicola</i> (cliff date palm), <i>Phoenix roebelenii</i> , <i>Phoenix sylvestris</i> , <i>Pritchardia maideniana</i> (Kona palm), <i>Pritchardia pacifica</i> (Fiji island fan palm), <i>Prichardia remota</i> , <i>Pritchardia thurstonii</i> (Thurston palm), <i>Ravenea hildebrantii</i> (dwarf majesty palm), <i>Roystonea regia</i> (cuban royal palm), <i>Syagrus schizophylla</i> (Arikury palm), <i>Trachycarpus fortunei</i> , <i>Veitchia arecina</i> (majesty palm Fiji), <i>Wodyetia bifurcate</i> (foxtail palm)		
5.	<i>Candidatus</i> Phytoplasma pyri; (Syn. <i>Pear decline phytoplasma</i> , <i>Pytoplasma pyri</i>); pear decline, leaf curl of pear, moria disease of pear, Parry's disease of pear,	<i>Catharantus roseus</i> (Madagascar periwinkle), <i>Corylus avellana</i> (hazel), <i>Cydonia oblonga</i> (quince), <i>Malus domestica</i> (apel, apple), <i>Prunus dulcis</i> , <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese	akar (roots), bahan perbanyakan vegetative (vegetative propagative material), batang (stems), bibit (seedlings, micropropagated plants), kultur	Africa: Libya, Tunisia America: Argentina, Canada, Chile, USA Asia: Iran, Israel, Lebanon, Turkey Europe: Albania, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	peach yellow leaf roll	plum), <i>Pyrus betulifolia</i> , <i>Pyrus calaleryana</i> , <i>Pyrus communis</i> (pir, European pear), <i>Pyrus pyrifolia</i> (Oriental pear). <i>Pyrus pyrifolia</i> var. <i>culta</i> , <i>Pyrus ussuriensis</i>	jaringan (tissue culture) Vektor: Hemiptera Psyllidae: <i>Cacopsylla pyri</i> , <i>Cacopsylla pyricola</i> , <i>Cacopsylla pyrisuga</i>	Bulgaria, Croatia, Czechia, France, Germany, Greece, Hungary, Italy, Moldova, Netherlands, Norway, Poland, Portugal, Serbia, Slovakia, Slovenia, Spain, Switzerland, United Kingdom
6.	<i>Candidatus</i> Phytoplasma sacchari; (Syn. <i>Sugarcane grassy shoot phytoplasma</i>); sugarcane grassy shoot	<i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i>	akar (roots), batang (stems), daun (leaves), bibit (seedling, micropropagated plants), mata tunas (buds), kultur jaringan (tissue culture) Vektor: Hemiptera, <i>Cicadellidae</i> : <i>Deltocephalus vulgaris</i> , <i>Matsumuratettixhiroglyphicus</i> ,	Asia: India, Sri Lanka, Thailand, Yemen

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			<i>Yamatotettix flavovittatus</i> , <i>Maiestas portica</i>	
7.	<i>Candidatus Phytoplasma solani</i> (Syn. <i>Phytoplasma solani</i> , <i>Grapevine bois noir phytoplasma</i> , <i>Maize redness phytoplasma</i> , <i>Potato stolbur phytoplasma</i> , <i>Stolbur phytoplasma</i>); stolbur phytoplasma, black wood of grapevine, grapevine 'bois noir', maize redness, metastolbur, parastolbur, potato stolbur disease, stolbur, stolbur of tobacco, stolbur of tomato	<i>Achillea millefolium</i> , <i>Actinidia deliciosa</i> (kiwifruit), <i>Allium ampeloprasum</i> (wild leek), <i>Ammi majus</i> , <i>Anethum graveolens</i> (dill), <i>Apium graveolens</i> (celery), <i>Artemisia vulgaris</i> (mugwort), <i>Asteraceae</i> (Plants of the daisy family), <i>Bellis perennis</i> , <i>Beta vulgaris</i> (beetroot), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea var. gemmifera</i> , <i>Brassica rapa</i> (field mustard), <i>Bromus inermis</i> , <i>Bupleurum tenuissimum</i> , <i>Calystegia sepium</i> (great bindweed), <i>Capsella bursa-pastoris</i> , <i>Capsicum annuum</i> (bell pepper), <i>Carica papaya</i> (pawpaw), <i>Carum carvi</i> ,	bibit (seedling, micropropagated plants), kultur jaringan (tissue culture) Vektor: <i>Anaceratagallia ribauti</i> , <i>Hyalesthes obsoletus</i> , <i>Reptalus panzeri</i>	Africa: Egypt, Niger Asia: Armenia, Azerbaijan, China, India, Israel, Japan, Jordan, Turkey, Kyrgyzstan, Lebanon, Saudi Arabia, Taiwan, Tajikistan, Uzbekistan, Eropa: Albania, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Czechia, France, Georgia, Germany, Greece, Hungary, Italy, Moldova, Montenegro, North Macedonia, Poland, Russia Federation, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine America: Chile

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Centaurium erythraea</i>, <i>Chrysanthemum indicum</i>, <i>Cistus ladanifer</i>, <i>Convolvulus arvensis</i> (bindweed), <i>Convolvulus tricolor</i>, <i>Coronilla varia</i>, <i>Crepis foetida</i>, <i>Crepis</i> spp., <i>Cucumis sativus</i>, <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Cynodon dactylon</i>, <i>Daucus carota</i> (carrot), <i>Ficus carica</i> (common fig), <i>Fragaria ananassa</i> (strawberry), <i>Geranium dissectum</i>, <i>Gomphocarpus physocarpus</i> (balloon cotton bush), <i>Helianthus annuus</i> (sunflower), <i>Helminthotheca aculeata</i>, <i>Hibiscus cannabinus</i> (kenaf), <i>Hydrangea macrophylla</i>, <i>Lactuca sativa</i>, <i>Lactuca serricola</i>, <i>Lapsana communis</i>, <i>Lavandula angustifolia</i> (lavender),</p>		

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		<p><i>Lavandula x intermedia, Levisticum officinale, Lilium longiflorum, Liquidambar styraciflua, Lupinus polyphyllus, Macroptilium lathyroides, Matricaria chamomilla, Medicago lupulina, Melilotus albus, Melissa officinalis, Myrtus communis, Narcissus tazetta, Nicotiana tabacum (tobacco), Olea europaea, Origanum vulgare, Oxalis spp., Paeonia (peonies), Paeonia suffruticosa (Tree peony), Parietaria Judaica, Parietaria officinalis, Pastinaca sativa (parsnip), Persicaria maculosa, Phaseolus vulgaris (common bean), Pisum sativum (pea), Prunella vulgaris, Prunus (stone fruit), Prunus dulcis, Prunus mahaleb, Prunus mume, Salvia miltiorrhiza,</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Salvia sclarea</i> , <i>Sambucus nigra</i> , <i>Senecio vulgaris</i> , <i>Solanum lycopersicum</i> (tomato), <i>Solanum melongena</i> (aubergine), <i>Solanum tuberosum</i> (potato), <i>Sophora alopecuroides</i> , <i>Spartium junceum</i> , <i>Spinacia oleracea</i> , <i>Styphonolobium japonicum</i> , <i>Trifolium</i> (clovers), <i>Trifolium medium</i> , <i>Trifolium repens</i> , <i>Trigonella foenum-graecum</i> , <i>Veronica persica</i> , <i>Vitex agnus-castus</i> (chaste tree), <i>Vitis vinifera</i> (grapevine), <i>Zea mays</i> (maize)		
8.	<i>Candidatus</i> Phytoplasma trifolii; (Syn. Alfalfa witches' broom phytoplasma, <i>Clover proliferation phytoplasma</i> , <i>Lucerne witches' broom phytoplasma</i> , <i>Phytoplasma trifolii</i> , <i>Potato witches'</i>	<i>Allamanda cathartica</i> (yellow allamanda), <i>Allium cepa</i> (onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Amaranthus blitoides</i> (spreading amaranth), <i>Anemone</i> (windflower), <i>Apium graveolens</i> (seledri, celery),	akar (roots), batang (stems), daun (leaves), bunga (flowers), buah (fruits), kulit kayu (bark), kultur jaringan (tissue culture), umbi (bulbs, corms, tubers),	America: Canada, Mexico, USA Asia: Bangladesh, China, India, Iran, Lebanon, Korea Republic (South Korea), Syria, Turkey, Uzbekistan Europe: Italy, Russia, Spain Oceania: Australia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>broom phytoplasma</i>); clover proliferation,	<i>Asclepias curassivica</i> (bloodflower), <i>Azadirachta indica</i> (neem tree), <i>Beta vulgaris</i> (beetroot), <i>Brassica juncea</i> (mustard), <i>Brassica napus</i> , <i>Brassica napus</i> var. <i>oleifera</i> , <i>Brassica oleracea</i> (cabbages, cauliflower), <i>Calotropis gigantea</i> (Yercum fibre), <i>Cannabis sativa</i> subsp. <i>sativa</i> , <i>Capsella bursapastoris</i> (shepherd's purse), <i>Capsicum annuum</i> (cabai, bell pepper), <i>Carthamus tinctorius</i> (safflower), <i>Catharanthus roseus</i> (tapak dara, pink periwinkle), <i>Celosia argentea</i> (celosia), <i>Centaurea solstitialis</i> (yellow starthistle), <i>Cicer arietinum</i> (chickpea), <i>Citrus lunatus</i> (semangka, water melon), <i>Citrus reticulata</i> (mandarin), <i>Conyza canadensis</i> (Canadian	Vektor: <i>Macrosteles fascifrons</i> , <i>Circulifer tenellus</i> , <i>Aphrodes bicinctus</i> , <i>Batracomorphus punctatus</i> , <i>Ceratagallia nitidula</i> , <i>Circulifer haematoceps</i> (<i>Neoaliturus haematoceps</i>), <i>Empoasca abrupta</i> , <i>Euscelis incisa</i> , <i>Hishimonus phycitis</i> , <i>Macrosteles fasciformis</i> , <i>Neoaliturus haematoceps</i> , <i>Neoaliturus pulcher</i> , <i>Orosius albicinctus</i> (<i>Orosius orientalis</i>), <i>Orosius argentatus</i>	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		fleabane), <i>Cosmos</i> spp., <i>Croton bonplandianus</i> , <i>Cucumis sativus</i> (ketimun, cucumber), <i>Cucurbita</i> (pumpkin), <i>Datura innoxia</i> (downy thorn apple), <i>Datura</i> <i>stramonium</i> (jimsonweed), <i>Dicentra spectabilis</i> (bleeding heart), <i>Fragaria ananassa</i> (strowberi, strawberry), <i>Fragaria chiloensis</i> (Chilean strawberry), <i>Fragaria</i> <i>virginiana</i> (scarlet strawberry), <i>Gladiolus grandiflorus</i> , <i>Glycine max</i> (kedelai, soybean), <i>Guizotia abyssinica</i> (niger), <i>Helianthus annuus</i> (sunflower), <i>Hibiscus rosa-</i> <i>sinensis</i> (China-rose), <i>Juniperus procumbens</i> , <i>Lactuca sativa</i> (lettuce), <i>Lavandula</i> (lavender), <i>Lens</i> <i>culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Lupinus polyphyllus</i>		

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		(garden lupin), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Melilotus albus</i> (honey clover), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Phaseolus vulgaris</i> (common bean), <i>Phoenix dactylifera</i> (date-palm), <i>Physalis ixocarpa</i> , <i>Portulaca grandiflora</i> (rose moss), <i>Portulaca oleracea</i> (purslane), <i>Prunus amygdalus</i> , <i>Prunus avium</i> (sweet cherry), <i>Prunus persica</i> (peach), <i>Raphanus sativus</i> (lobak, radish), <i>Rubia tinctorum</i> (rose madder), <i>Salix</i> spp. (willows), <i>Salix alba</i> (white willow), <i>Salix babylonica</i> (weeping willow), <i>Salix bebbiana</i> (bebb willow), <i>Salix discolor</i> , <i>Salix exigua</i> (sandbar willow), <i>Salix petiolaris</i> (meadow willow), <i>Salsola kali</i> (common		

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		saltwort), <i>Saponaria officinalis</i> (soapwort), <i>Sauropus androgynous</i> (katuk, sweet leaf), <i>Senecio vulgaris</i> , <i>Sesamum indicum</i> (sesame), <i>Setaria verticillata</i> (bristly foxtail), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum halepense</i> (Johnson grass), <i>Trachyspermum ammi</i> , <i>Trifolium</i> spp., <i>Trifolium hybridum</i> (alsike clover), <i>Trifolium pratense</i> (semanggi, purple clover), <i>Trifolium repens</i> (semanggi, white clover), <i>Typha angustifolia</i> (lesser bulrush), <i>Ulmus americana</i> (American elm), <i>Verbesina encelioides</i> (golden crownbeard), <i>Vicia faba</i> (faba bean), <i>Vitis vinifera</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(grapevine), <i>Withania somnifera</i> (poisonous gooseberry), <i>Zea mays</i> (jagung, <i>maize</i>)		
9.	<i>Grapevine flavescence dorée phytoplasma</i> ; (Syn. <i>Flavescence doree MLO</i> , <i>Flavescence doree mycoplasma like organism</i> , <i>Grapevine yellows</i>); flavescence doree of grapevine, grapevine bois noir	<i>Ailanthus alitissima</i> , <i>Alnus glutinosa</i> , <i>Alnus incana</i> , <i>Clementis vitalba</i> , <i>Corylus avellana</i> , <i>Salix</i> spp., <i>Vitis acerifolia</i> , <i>Vitis amurensis</i> , <i>Vitis berlandieri</i> , <i>Vitis coignetiae</i> , <i>Vitis</i> hybrids, <i>Vitis labrusca</i> , <i>Vitis pentagona</i> , <i>Vitis riparia</i> , <i>Vitis rupestris</i> , <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis vinifera</i> subsp. <i>sylvestris</i> , <i>Vitis x champinii</i> , <i>Vitis x doaniana</i>	akar (roots), batang (stems), bibit (seedlings, micropropagated plants), daun (leaves), suluran (stolon), tunas (buds, shoots), kultur jaringan (tissue culture) Vektor: Hemiptera, Cicadellidae: <i>Scaphoideus titanus</i>	Europe: Austria, Croatia, Czechia, France, Hungary, Italy, Montenegro, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Switzerland
10.	<i>Spiroplasma citri</i> ; citrus stubborn disease, citrus little leaf disease	Amaranthaceae, <i>Apium graveolens</i> (seledri, celery), <i>Armoracia rusticana</i> (horseradish), Brassicaceae (cruciferous crops), <i>Cannabis sativa</i> , <i>Capsella bursa-</i>	batang (stems), bibit (seedlings, micropropagated plants), buah (fruits), bunga (flowers), daun (leaves), kultur	Africa: Algeria, Egypt, Libya, Morocco, Somalia, Sudan, Tunisia America: Mexico, USA Asia: Iran, Iraq, Israel, Jordan, Lebanon, Malaysia, Oman,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>pastoris</i> (shepherd's purse), Chenopodiaceae, <i>Citroncirus</i> spp., <i>Citroncirus webberi</i> (citrange), <i>Citrus aurantium</i> (sour orange), <i>Citrus jambhiri</i> (rough lemon), <i>Citrus limettioides</i> (Palestine sweet lime), <i>Citrus limon</i> (lemon), <i>Citrus limonia</i> (mandarin lime), <i>Citrus madurensis</i> (calamondin), <i>Citrus maxima</i> (pummelo), <i>Citrus medica</i>, <i>Citrus paradisi</i> (grapefruit), <i>Citrus reticulata</i> (mandarin), <i>Citrus reticulata x paradisi</i> (tangelo), <i>Citrus sinensis</i> (navel orange), <i>Citrus trifoliata</i>, <i>Citrus unshiu</i> (satsuma), <i>Citrus volkameriana</i>, <i>Citrus x paradisi</i> (grapefruit), <i>Citrus x tangelo</i>, <i>Daucus carota</i> (wortel, carrot), <i>Digitalis purpurea</i> (foxglove),</p>	<p>jaringan (tissue culture), tunas (shoots, buds)</p> <p>Vektor: Hemiptera, Cicadellidae: <i>Circulifer tenellus</i>, <i>Scaphytopius nitridus</i>, <i>Neoaliturus haematoceps</i></p>	<p>Pakistan, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen</p> <p>Europe: Cyprus, France, Italy, Spain</p> <p>Oceania: New Zealand</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Fortunella</i> spp. (kumkuat, kumquat), Plantaginaceae, <i>Plantago ovata</i> (spogel plantain), <i>Raphanus raphanistrum</i> (wild radish), <i>Sorghum halepense</i> (Johnson grass)		
11.	<i>Spiroplasma kunkelii</i> (Whitcomb, Chen <i>et al.</i> 1986); corn stunt disease, corn stunt spiroplasma, maize stunt spiroplasma, Rio Grande corn stunt	<i>Zea diploperennis</i> , <i>Zea luxurians</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn), <i>Zea mexicana</i> (teosinte), <i>Zea perennis</i>	akar (roots), batang (stems), daun (leaves), kultur jaringan (tissue culture) Vektor: Hemiptera, Cicadellidae: <i>Dalbulus eliminatus</i> , <i>Dalbulus maydis</i> , <i>Exitianus exitiosus</i> , <i>Graminella nigrifons</i> , <i>Stirellus bicolor</i>	America: Argentina, Belize, Bolivia, Brazil, Colombia, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, USA, Venezuela
12.	<i>Strawberry lethal decline phytoplasma</i> ; northwest disease	<i>Fragaria</i> spp., <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria chiloensis</i> (Chilean strawberry), <i>Fragaria vesca</i>	akar (roots), batang (stems), bibit tanaman (seedlings, micropropagated plants), bunga	America: Canada, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(wild strawberry)	(flowers), daun (leaves, kultur jaringan (tissue culture), tunas (shoots, buds)	
13.	<i>Sugarcane ramu stunt phytoplasma;</i> ramu stunt disease	Poaceae (grasses), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum robustum</i> (robust cane), <i>Saccharum spontaneum</i> (wild sugarcane), <i>Saccharum</i> spp.	batang (stems), bibit (seedlings, micropropagated plants), tunas (shoots), kultur jaringan (tissue culture) Vektor: Hemiptera, Delphacidae: <i>Eumetopina flavipes</i>	Oceania: Papua Nugini
14.	<i>Sugarcane white leaf phytoplasma;</i> white leaf of sugarcane	<i>Saccharum edule</i> (terubuk), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i> , <i>Saccharum robustum</i> (robust cane)	akar (roots), batang (stems), bibit (seedlings, micropropagated plants), daun (leaves), kultur jaringan (tissue culture), tunas (buds, shoots)	Asia: Bangladesh, Japan, Sri Lanka, Taiwan, Thailand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Vektor: Hemiptera, Cicadellidae: Matsumuratettix hiroglyphicus, Yamatotettix flavovittatus	
15.	<i>Cassava witches' broom phytoplasma</i> ; (Syn. <i>Cassava witches' broom agent</i>); witches' broom mycoplasma of cassava, cassava witches' broom	<i>Manihot esculenta</i> (singkong, cassava)	batang (stems), bibit (seedlings, micropropagated plants), daun (leaves), kultur jaringan (tissue culture)	Africa: Ivoire Cost America: Brazil, Mexico, Peru, Venezuela

11. VIRUS (*VIRUSES*)

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	African cassava mosaic virus (ACMV); (Syn. <i>Begomovirus manihotis</i> , African cassava mosaic begomovirus, African cassava mosaic virus, African cassava mosaic geminivirus, Cassava African mosaic virus, Cassava African mosaic begomovirus, Cassava latent geminivirus, Cassava latent virus, African cassava mosaic, cassava latent virus, cassava mosaic	<i>Centrosema pubescens</i> (centro), <i>Glycine max</i> (kedelai, soybean), <i>Jatropha curcas</i> (jatropha), <i>Hewittia sublobata</i> , <i>Jatropha</i> spp., <i>Leucaena leucocephala</i> (leucaena), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Pueraria phaseoloides</i> (tropical kudzu), <i>Ricinus</i> spp. (jarak, castor), <i>Senna occidentalis</i> (coffee senna)	batang (stems (above ground), trunks, branches), tunas (shoots, buds), umbi (bulbs, corms, tubers), kultur jaringan (tissue culture) Vektor: <i>Aleurotrachelus socialis</i> , <i>Bemesia tabaci</i> (kutu kebul, white fly)	Africa: Angola, Benin, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, DR Congo, Equatorial Guinea, Ethiopia, Gabon, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mauritania, Mauritius, Mozambique, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: India, Pakistan, Sri Lanka

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
2.	Agropyron mosaic virus (AgMV); (Syn. <i>Rymovirus agropyronis</i> , Agropyron mosaic rymovirus, AgMV, Agropyron mosaic virus, Agropyron green mosaic potyvirus, Agropyron yellow mosaic virus, Agropyron mosaic rymovirus, Agropyron streak mosaic virus, Couch grass streak mosaic virus, Marmor agropyri), Agropyron green mosaic virus, Agropyron yellow mosaic virus, wheat virus 2	<i>Aegilops bicornis</i> , <i>Aegilops crassa</i> , <i>Apera spica-venti</i> (loose silkybent grass), <i>Bromus japonicus</i> (Japanese brome), <i>Bromus racemosus</i> (bald brome), <i>Bromus secalinus</i> (rye brome), <i>Cynosurus cristatus</i> (crested dogtailgrass), <i>Dasyphyrum villosum</i> , <i>Echinochloa crus-galli</i> (barnyard grass), <i>Elymus canadensis</i> , <i>Elymus elongatus</i> (tall wheatgrass), <i>Elymus hispidus</i> (intermediate wheatgrass), <i>Elymus pungens</i> , <i>Elymus repens</i> (quackgrass), <i>Elytrigia intermedia</i> , <i>Elytrigia repens</i> , <i>Elymus virginicus</i> , <i>Hordeum murinum</i> (mouse barley), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Pennisetum glaucum</i> (pearl millet),	biji (true seeds, grains), suluran (stolons), rimpang (rhizomes), kultur jaringan (tissue culture) Vektor: Eriophyidae: <i>Abacarus hystrix</i>	America: Canada, USA Europe: Bulgaria, Finland, Germany, Hungary, UK Oceania: New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Phalaris paradoxa</i> (awned canary-grass), <i>Poa pratensis</i> , <i>Secale cereal</i> (rye), <i>Secale cerealia</i> (rye), <i>Setaria viridis</i> , <i>Thinopyrum elongatum</i> , <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum durum</i> (gandum durum, durum wheat), <i>Triticum turgidum</i> (gandum, durum wheat)		
3.	Alfalfa mosaic virus (AMV); (Syn. <i>Alfamovirus AMV</i> , Alfalfa mosaic alfamovirus, AMV, Alfalfa mosaic virus, Alfalfa virus 1&2, lucerne mosaic virus, Marmor medicaginis, potato calico virus); Mosaic of alfalfa, mosaic of lucerne, Yellow spot alfalfa, tomato necrotic tip curl of tomato, yellow mottle of grapevine	<i>Aloysia triphylla</i> , <i>Apium graveolens</i> (seledri, celery), <i>Arabidopsis thaliana</i> , <i>Araujia sericifera</i> (Arejishi), <i>Beta vulgaris</i> (beetroot), <i>Bituminaria bituminosa</i> , <i>Borago officinalis</i> (borage), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Canabis sativa</i> , <i>Capsicum</i> spp., <i>Capsicum annum</i> (cabai, paprika, bell pepper), <i>Cercis siliquastrum</i> (pohon Yudas, Judas tree), <i>Cicer arietinum</i> (kacang arab,	akar (roots), batang (stem (above ground), trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds, grains), buah (fruits inc. pods), bunga (inflorescences/cones /calyx), daun (leaves), polong (pods), kultur jaringan (tissue culture)	Africa: Algeria, Egypt, Ethiopia, Kenya, Libya, Morocco, Nigeria, South Africa, Sudan, Tanzania, Tunisia, Zambia America: Argentina, Brazil, Canada, Chile, Colombia, Ecuador, Mexico, Peru, USA, Venezuela Asia: Bangladesh, China, India, Iran, Iraq, Israel, Japan, Jordan, Kyrgyzstan, Lebanon, Myanmar, Nepal, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		chick pea), <i>Cirsium arvense</i> (creeping thistle), <i>Coriandrum sativum</i> (ketumbar, coriander), Cucurbitaceae, <i>Cynoglossum officinale</i> (hound's tongue), <i>Cyphomandra betacea</i> (terung Belanda, tree tomato), <i>Digitalis purpurea</i> (foxglove), <i>Euonymus japonicus</i> , <i>Eutrema wasabi</i> (wasabi), <i>Glycine max</i> (kedelai, soyabean), <i>Hibiscus cannabinus</i> (kenaf, jute), <i>Hibiscus rosa-sinensis</i> (China rose), <i>Hydrangea macrophylla</i> (French hydrangea), <i>Lactuca sativa</i> (selada, lettuce), <i>Laplap purpureus</i> (hyacinth bean), <i>Lactuca sativa</i> (selada, lettuce), <i>Lavandula latifolia</i> (lavender, lavender), <i>Lavandula x intermedia</i> , <i>Lens culinaris</i> subsp. <i>culinaris</i>	Vektor: Hemiptera, Aphididae: <i>Acyrtosiphon kondoi</i> , <i>Acyrtosiphon pisum</i> , <i>Aphis craccivora</i> , <i>Aphis gossypii</i> , <i>Aphis spiraecola</i> , <i>Myzus persicae</i>	Tajikistan, Turkey, Uzbekistan, Yemen Europe: Albania, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Montenegro, Netherlands, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom, Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(lentil), <i>Lotus corniculatus</i> (bird's-foot trefoil), <i>Macrotyloma axillare</i> , <i>Medicago</i> spp. (medic), <i>Medicago lupulina</i> (black medick), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Mentha</i> spp. (mints), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (basil), <i>Pachysandra terminalis</i> (Japanese spurge), <i>Paeonia lactiflora</i> (Chinese peony), <i>Pelargonium</i> spp. (geranium), <i>Petunia</i> spp., <i>Petunia hybrida</i> , <i>Phaseolus</i> spp. (beans), <i>Phaseolus vulgaris</i> , <i>Physostegia virginiana</i> (American dragonhead), <i>Phytolacca americana</i> (pokeweed), <i>Pisum sativum</i> (kacang kapri, pea), <i>Rhamnus alaternus</i> , <i>Robinia pseudoacacia</i> (black locust),		

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		<p><i>Rumex obtusifolius</i> (broad-leaved dock), <i>Senecio vulgaris</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum muricatum</i> (melon pear), <i>Solanum nigrum</i> (black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Sonchus asper</i> (spiny sow-thistle), <i>Symphytum tuberosum</i>, <i>Tecoma capensis</i> (Cape honeysuckle), <i>Teucrium fruticans</i>, <i>Trifolium ambiguum</i>, <i>Trifolium incarnatum</i> (semanggi Italia, crimson clover), <i>Trifolium pratense</i> (semanggi merah, red clover), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Trifolium subterraneum</i>, <i>Viburnum opulus</i> (guelder rose), <i>Viburnum tinus</i>, <i>Viburnus unguiculata</i>, <i>Vicia</i></p>		

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		<i>cracca</i> (Tufted vetch), <i>Vicia faba</i> (kacang babi, broadbean), <i>Vigna angularis</i> (kacang merah, kidney bean), <i>Vigna radiata</i> (kacang hijau, mung bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea), <i>Vinca minor</i> (common periwinkle), <i>Vitis vinifera</i> (anggur, grapevine)		
4.	Andean potato latent virus (APLV); (Syn. <i>Tymovirus latandigenum</i> , Andean potato latent tymovirus, APLV, Andean potato latent virus, Potato Andean latent tymovirus, Potato Andean latent virus, Eggplant mosaic tymovirus Andean potato latent strain, Eggplant mosaic virus (Andean potato latent strain))	<i>Lepidium meyenii</i> , <i>Solanum acaule</i> , <i>Solanum chaucha</i> , <i>Solanum juzepczukii</i> , <i>Solanum phureja</i> , <i>Solanum stenotomum</i> , <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum tuberosum</i> subsp. <i>andigenum</i> , <i>Ullucus tuberosus</i> (ulluco)	akar (roots), batang (stems (above ground), shoots, trunks, branches), bunga (flowers, inflorescences, cones, calyx), bibit (seedlings, micropropagated plants), biji (grains, true seed), buah (fruits), daun (leaves), umbi (bulbs, corms, tubers), kultur	America: Argentina, Bolivia, Chile, Colombia, Ecuador, Peru

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			<p>jaringan (tissue culture)</p> <p>Vektor: Coleoptera, Chrysomelidae: <i>Epitrix</i> spp. (flea beetle)</p>	
5.	<p>Andean potato mottle virus (APMoV); (Syn. <i>Comovirus andesense</i>, Andean potato mottle comovirus, APMoV, Andean potato mottle virus, potato Andean mottle comovirus, potato Andean mottle virus); Andean mottle of potato</p>	<p><i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Capsicum chinense</i> (habanero pepper), <i>Capsicum frutescens</i> (cabai, chili), <i>Datura stramonium</i> (jimsonweed), <i>Gomphrena globose</i>, <i>Nicandra physalodes</i> (apple of Peru), <i>Nicotiana clevelandii</i>, <i>Nicotiana rustica</i> (wild tobacco), <i>Nicotiana quadrivalvis</i>, Solanaceae, <i>Solanum</i> spp., <i>Solanum aethiopicum</i> (African scarlet eggplant), <i>Solanum chilense</i>, <i>Solanum melongena</i> (terung,</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tanaman (whole plants), umbi (bulbs, corms, tubers), kultur jaringan (tissue culture)</p>	<p>America: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, Honduras, Nicaragua, Peru</p>

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		aubergine, eggplant), <i>Solanum sisymbriifolium</i> (sticky nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Tetragonia tetragonioides</i>	Vektor: Coleoptera, Chrysomelidae: <i>Diabrotica balteata</i> , <i>Diabrotica viridula</i>	
6.	Apple chlorotic leaf spot virus (ACLSV); (Syn. applpe chlorotic leaf spot virus, apple latent virus type 1, apple latent 1 virus, bark split virus, peach green mottle virus, pear ring pattern mosaic virus, ear ring mosaic virus, pear ring pattern mosaic virus, plum bark split virus, plum pseudopox virus, quince stunt virus, apricot butteratura), bark split of plum, bark split of prune, butteratura of apricot, chlorotic leaf spot of apple, dark sunken mottle of peach, incompatibility and	<i>Amelanchier canadensis</i> (thicket serviceberry), <i>Chaenomeles</i> spp. (flowering quinces), <i>Crataegus monogyna</i> (hawthorn), <i>Crataegus rhipidophylla</i> (Midland hawthorn), <i>Cydonia oblonga</i> (quince), <i>Eriobotrya japonica</i> (loquat), <i>Malus</i> spp., (ornamental species apple), <i>Malus domestica</i> (apel, apple), <i>Malus platycarpa</i> (big fruit crab apple), <i>Mespilus germanica</i> (medlar), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cerasoides</i> , <i>Prunus cerasus</i>	batang (stems (above ground), trunks, branches), daun (leaves), kayu (woods), tunas (shoots, buds), kultur jaringan (tissue culture)	Africa: Algeria, Egypt, Ethiopia, Morocco, South Africa, Tunisia America: Argentina, Brazil, Canada, Chile, Uruguay, USA Asia: Afghanistan, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Lebanon, Republic of Korea (South Korea), Syria, Taiwan, Turkey Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovia, Bulgaria, Croatia, Czechia Denmark, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal,

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	decline of apricot, pseudo pox of apricot, pseudo pox of plum, ring pattern mosaic of pear, ring spot mosaic of mountain ash, viruela of apricot	(kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almond), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Prunus spinosa</i> (blackthorn), <i>Prunus tomentosa</i> (Nanking cherry tree), <i>Pyrus betulifolia</i> , <i>Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia</i> (oriental pear tree), <i>Sorbus aucuparia</i> (mountain ash)		Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweeden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
7.	Apple mosaic virus (ApMV); (Syn. apple mosaic virus, European plum line pattern virus, mountain ash variegation virus, birch line pattern virus, birch ringspot virus, Dutch plum line pattern virus, hop A virus, horse chestnut yellow mosaic virus, rose mosaic virus, hop virus A, hop virus C)	<i>Aesculus</i> spp., <i>Aesculus flava</i> , <i>Aesculus hippocastanum</i> , <i>Aesculus parviflora</i> , <i>Aesculus x carnea</i> , <i>Artemisia vulgaris</i> (mugwort), <i>Betula</i> spp. (birch), <i>Betula alleghaniensis</i> , <i>Betula papyrifera</i> , <i>Betula pendula</i> (common silver birch), <i>Campanula</i> spp. (campanulas), <i>Clematis vitalba</i> (old man's beard),	akar (roots), batang (stems (above ground), trunks, branches), buah (fruit), polong (pods), bunga (flowers, inflorescences, cones, calyx), tunas (shoots, buds), kultur jaringan (tissue culture)	Africa: Algeria, Kenya, Morocco, South Africa, Tunisia, Zimbabwe America: Argentina, Brazil, Canada, Chile, Mexico, USA, Uruguay Asia: Bangladesh, China, India, Japan, Jordan, Lebanon, Pakistan, Syria, Turkey Europe: Albania, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina,

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	chestnut mosaic, apple infectious variegation virus, peach line pattern, plum European line pattern, plum line pattern virus, rose infectious chlorosis virus, rose mosaic, infectious variegation of horse chestnut, mosaic of apple, ring spot mosaic of mountain ash, yellow mosaic of horse chestnut	<i>Corylus</i> spp., <i>Corylus avellana</i> (hazel), <i>Crataegus</i> spp., <i>Cydonia oblongata</i> (quince), <i>Fragaria</i> spp., <i>Galaeopsis</i> spp., <i>Humulus lupulus</i> (common hop), <i>Malus</i> spp. (ornamental species apple), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab apple tree), <i>Mespilus germanica</i> (medlar), <i>Prunella</i> spp., <i>Prunus</i> spp. (stone fruit), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cerasus</i> (sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus mahaleb</i> , <i>Prunus persica</i> (persik, peach), <i>Prunus salica</i> (Japanese plum), <i>Prunus serrulate</i> , <i>Prunus spinosa</i>		Bulgaria, Belarus, Croatia, Cyprus, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Latvia, North Macedonia, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

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		(blackthorn), <i>Prunus triloba</i> , <i>Pyrus comunis</i> (European pear), <i>Pyrus pyrifolia</i> (oriental pear tree), <i>Ribes rubrum</i> (red currant), <i>Rosa</i> spp. (mawar, rose), <i>Rosa canina</i> (dog rose), <i>Rosa hybrida</i> , <i>Rubus</i> spp., <i>Rubus canescens</i> , <i>Rubus fruticosus</i> (blackberry), <i>Rubus idaeus</i> (raspberry), <i>Rubus occidentalis</i> (black raspberry), <i>Rubus parviflorus</i> (thimbleberry), <i>Rubus ursinus</i> , <i>Salvia verbenaca</i> , <i>Scandix</i> spp., <i>Solanum capsicoides</i> (cockroach berry), <i>Sorbus aucuparia</i> (mountain ash)		
8.	Apple stem grooving virus (ASGV); (Syn. apple brown line virus, apple dark green epinasty virus, apple E36 virus, apple latent virus type 2, apple	<i>Aronia melanocarpa</i> (black chokeberry), <i>Chenopodium quinoa</i> (quinoa), <i>Citrus</i> spp. (jeruk, orange), <i>Cotoneaster</i> spp., <i>Cotoneaster bullatus</i> (hollyberry cotoneaster),	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grain), bunga (flowers,	Africa: Egypt, Eswatini, Ethiopia, Morocco, South Africa, Tunisia America: Brazil, Canada, Netherlands Antilles, USA

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	stem grooving capillovirus, apple top working disease, brown line virus disease, Chenopodium dark green epinasty virus, citrange stunt virus, Citrus tatter leaf virus, brown line virus disease, Virginia crab apple decline, Virginia crab stem grooving virus)	<i>Cydonia oblonga</i> (quince), <i>Eriobotrya japonica</i> (loquat), <i>Lilium</i> spp. (lili, <i>lilium</i>), <i>Malus</i> spp. (ornamental species apple), <i>Malus domestica</i> (apel, apple), <i>Malus micromalus</i> (Kaido crab apple), <i>Malus pumila</i> (apel, common apple), <i>Malus sylvestris</i> (crab apple tree), <i>Malus toringo</i> (toringo crab-apple), <i>Prunus armeniaca</i> (aprikot, <i>apricot</i>), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus mume</i> (<i>aprikot Jepang, Japan apricot</i>), <i>Pyronia veitchii</i> , <i>Pyrus communis</i> (<i>pir, pear</i>), <i>Pyrus pyrifolia</i> (Oriental pear tree), <i>Sorbus aucuparia</i> (European mountain ash)	inflorescences, cones, calyxes), daun (leaves), kayu (woods), tanaman (whole plants), kultur jaringan (tissue culture)	Asia: China, DPR Korea (North Korea), Georgia, India, Israel, Japan, Jordan, Nepal, Lebanon, Nepal, Pakistan, Republic of Korea (South Korea), Syria, Taiwan, Turkey Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, North Macedonia, Montenegro, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
9.	Apple stem pitting virus (ASPV);	<i>Chaenomeles japonica</i> , <i>Crataegus monogyna</i> (hawthorn), <i>Cydonia oblonga</i>	bahan perbanyakan vegetatif (vegetative propagative material),	Africa: Ethiopia, Morocco, South Africa, Tunisia

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	(Syn. apple spy 227 epinasty & decline virus, apple stem pitting virus, hawthorn ring pattern mosaic virus, pear stony pit virus, pear vein yellows virus, quince sooty ringspot, pear red mottle) red mottle of pear, sooty ring spot of quince, spy epinasty & decline, stem pitting of apple, stony pit of pear, vein yellows of pear	(quince), <i>Eriobotrya japonica</i> , <i>Malus</i> spp. (ornamental apple), <i>Malus domestica</i> (apel, apple), <i>Malus pumila</i> (apel, common apple), <i>Malus sylvestris</i> (crab apple tree), <i>Malus toringo</i> (toringo crab), <i>Prunus</i> spp. (stone fruit), <i>Prunus tomentosa</i> (Nanking cherry tree), <i>Pyronia veitchii</i> , <i>Pyrus</i> sp. (pir, pears), <i>Pyrus communis</i> (pir, pear), <i>Pyrus pyrifolia</i> (oriental pear tree), <i>Sorbus discolor</i> (Chinese scarlet rowan)	tanaman (whole plants), kultur jaringan (tissue culture)	America: Argentina, Brazil, Canada, Uruguay, USA Asia: Armenia, Azerbaijan, China, Georgia, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Republic of Korea (South Korea), Tajikistan, Taiwan, Turkmenistan, Turkey, Uzbekistan Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Estonia, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Montenegro, Netherlands, Norway, North Macedonia, Republic of Moldova, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, Ukraine

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
10.	Arabis mosaic virus (ArMV); (Syn. arabis mosaic virus, ash ring and line pattern virus, forsythia yellow net virus, hop nettlehead virus, jasmine yellow blotch virus, raspberry yellow dwarf virus, rhubarb mosaic virus, rhabarber-mosaik-virus), hope bare-bine, forsythia yellow net, hop split leaf blotch virus, strawberry mosaic virus	<i>Alstroemeria</i> (peruvian lily), <i>Anagallis arvensis</i> (scarlet pimpernel), <i>Apium graveolens</i> var. <i>dulce</i> (seledri, celery), <i>Armoracia rusticana</i> (horseradish), <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Astilbe</i> sp., <i>Bellis perennis</i> (daisy), <i>eta vulgaris</i> var. <i>saccharifera</i> (bit, sugarbeet), <i>Betula pendula</i> (common silver birch), <i>Buxus sempervirens</i> (common box), <i>Camassia cusickii</i> , <i>Camassia quamash</i> , <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Carum segetum</i> , <i>Chenopodium giganteum</i> , <i>Chenopodium quinoa</i> , <i>Chamaecyparis lawsoniana</i> (Port Orford Cedar), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i>	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Dorylaimida, Longidoridae: <i>Xiphinema diversicaudatum</i> , <i>Xiphinema madierense</i> , <i>Xiphinema coxi</i> <i>Cuscuta</i> spp.	Oceania: Australia, New Zealand Africa: Egypt, South Africa America: Canada, Chile, Mexico, Peru, USA Asia: India, Iran, Israel, Japan, Kazakhstan, Lebanon, Syria, Turkey Europe: Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxemburg, Republic of Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Oceania: Australia, Caroline Islands, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(labu kuning, zukini, zucchini), <i>Cyphomandra betacea</i> (terung Belanda, tree tomato), <i>Daphne mezereum</i> (mezereon), <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Forsythia intermedia</i> (golden bell), <i>Fragaria</i> spp. (stroberi, strawberry), <i>Fragaria vesca</i> (stroberi liar, wild strawberry), <i>Fragaria x ananassa</i> , <i>Fraxinus excelsior</i> (ash), <i>Fraxinus</i> spp. (ash), <i>Gladiolus</i> spp., <i>Hedera helix</i> (ivy), <i>Hosta</i> sp., <i>Hordeum vulgare</i> (barli, barley), <i>Humulus lupulus</i> (common hop), <i>Lactuca sativa</i> (selada, lettuce), <i>Lamium amplexicaule</i> (henbit), <i>Mentha arvensis</i> (bijanggut, wild mint), <i>Narsisus</i> sp. (daffodil), <i>Petunia hybrida</i> , <i>Phaseolus</i>		

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		<p><i>coccineus</i> (runner beans), <i>Phaseolus vulgaris</i>, <i>Plantago lanceolata</i> (ribwort plantain), <i>Polygonum aviculare</i> (prostrate knotweed), <i>Polygonum persicaria</i> (spotted ladystumb), <i>Prunus armeniaca</i>, <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i>, <i>Prunus laurocerosus</i>, <i>Prunus persica</i> (persik, peach), <i>Prunus rhabarbarum</i>, <i>Prunus salicina</i> (Japanese plum), <i>Ranunculus repens</i> (creeping buttercup), <i>Rheum hybridum</i> (rhubarb), <i>Rheum rhaponticum</i> (rhubarb), <i>Ribes nigrum</i> (backcurrant), <i>Ribes nigrum</i>, <i>Ribes</i> spp. (white currant), <i>Rosa</i> spp. (mawar, rose), <i>Rubus idaeus</i> (rasberi, raspberry), <i>Rubus procerus</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(Himalayan giant blackberry), <i>Rubus</i> spp., <i>Sambucus nigra</i> (American elder), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> , <i>Stellaria media</i> (common chickweed), <i>Syringa vulgaris</i> (lilac), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Urtica dioica</i> (stinging nettle), <i>Urtica urens</i> (annual nettle), <i>Vinca minor</i> (common periwinkle), <i>Vitis vinifera</i> (anggur, grapevine)		
11.	Arracacha virus B (AVB); (Syn. arracacha B 'nepovirus, arracacha B nepovirus (oca strain), arracacha B virus, arracacha virus B (oca strain))	<i>Arracacia xanthorrhiza</i> (arracacha), <i>Chenopodium giganteum</i> , <i>Cucumis sativus</i> , <i>Oxalis tuberosa</i> (oca), <i>Solanum tuberosum</i> (kentang, potato)	bibit (seedling, micropropagated plants), biji (true seeds, grains), daun (leaves), polen (pollen), sulur (stolon), umbi (bulbs, corms, tubers), kultur jaringan (tissue culture)	America: Bolivia, Peru

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
12.	Artichoke Italian latent nepovirus (AILV); (Syn. artichoke Italian latent virus)	<i>Cichorium intybus</i> (chicory), <i>Crepis neglecta</i> , <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe arthicoke), <i>Gladiolus</i> hybrids (sword lily), <i>Helminthea echiodes</i> , <i>Hypochaeris achyrophorus</i> , <i>Lactuca virosa</i> (bitter lettuce), <i>Lamium amplexicaule</i> (henbit deadnettle), <i>Papaver rhoes</i> (common poppy), <i>Pelargonium zonale</i> hybrids (pelargonium), <i>Sonchus</i> spp. (sowthistle), <i>Urospermum dalechampii</i> , <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedling, micropropagated plants), biji (true seeds, grains), buah (fruits), daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture), umbi (bulbs, tubers, corms), rimpang (rhizome) Vektor: Dorylaimida, Longidoridae: <i>Longidorus apulus</i> , <i>Longidorus fasciatus</i>	Africa: Tunisia Europe: Bulgaria, Greece, Italy
13.	Asparagus virus 2 (AV-2); (Syn. asparagus 2 ilarvirus, asparagus latent)	<i>Asparagus officinalis</i> (asparagus, asparagus)	akar (roots), biji (true seeds, grains), bibit (seedlings, micropropagated)	America: Canada, Mexico, USA Asia: Japan Europe: Denmark, Germany, Italy, Poland, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	virus, asparagus virus C, asparagus virus II)		plants), polen (pollens), tunas (shoots, buds), kultur jaringan (tissue culture), tanaman (plants)	
14.	Banana bract mosaic virus (BBrMV); (Syn. banana bract mosaic virus. banana potyvirus); banana bract mosaic disease)	<i>Alpinia purpurata</i> (flowering ginger), <i>Elettaria cardamomum</i> (cardamom), <i>Musa</i> spp. (pisang, banana), <i>Musa acuminata</i> , <i>Musa paradisiaca</i> (pisang, banana), <i>Musa textilis</i>	bibit (seedlings, micropropagated plants), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Aphididae: <i>Aphis craccivora</i> , <i>Aphis gossypii</i> , <i>Pentalonia nigronervosa</i> , <i>Rhopalosiphum maidis</i>	America: Colombia, Ecuador, USA Asia: India, Philippines, Sri Lanka, Thailand, Vietnam Oceania: Samoa
15.	Barley stripe mosaic virus (BSMV); (Syn. barley stripe mosaic virus, barley false stripe	<i>Avena fatua</i> , <i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> , <i>Chenopodium album</i> , <i>Chenopodium giganteum</i> ,	biji (true seeds, grains), polen (pollens), kultur jaringan (tissue	Africa: Egypt, South Africa, Tunisia, Zambia America: Argentina, Brazil, Canada, Mexico, Peru, USA

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	virus, barley mosaic virus, oat stripe mosaic virus, barley stripe mosaic hordeivirus, barley yellow stripe (possibly); false stripe of barley, mild stripe of barley, stripe mosaic of barley , stripe mosaic of oat	<i>Chenopodium quinoa</i> , <i>Hordeum vulgare</i> (barli, barley), <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> , <i>Secale cereale</i> (rye), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Spinacia oleracea</i> , <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	culture), tanaman (whole plants)	Asia: China, Israel, Japan, Jordan, Lebanon, Pakistan, Republic of Korea (South Korea), Syria, Taiwan, Yemen Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Greece, Hungary, North Macedonia, Moldova, Montenegro, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Switzerland, Ukraine Oceania: Australia, New Zealand
16.	Barley yellow dwarf virus (BYDV); (Syn. barley yellow dwarf virus, hordeum virus nanescens, maize leaf fleck virus , red leaf disease of barley, rice giallume virus,); barley yellow dwarf, giallume	<i>Agropyron desertorum</i> (crested wheatgrass), <i>Agrostis stolonifera</i> (creeping bentgrass), <i>Anthoraxanthum odoratum</i> (sweet vernal grass), <i>Arrhenatherum elatius</i> (false oatgrass), <i>Avena byzantine</i> , <i>Avena fatua</i> (wild oats), <i>Avena sativa</i> (oat, oats), <i>Bromus</i> spp. (bromegrasses), <i>Bromus</i>	batang (stems (above ground), trunks, branches), daun (leaves), sulur (stolons), tanaman (whole plants), kultur jaringan (tissue culture) Vektor:	Africa: Algeria, Egypt, Ethiopia, Kenya, Libya, Morocco, Mozambique, South Africa, Tanzania, Tunisia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Ecuador, Mexico, Paraguay, Peru, Uruguay, USA Asia: Azerbaijan, China, India, Iran, Israel, Japan, Jordan,

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	<p>Spesies BYDV ini meliputi: Barley yellow dwarf luteovirus kerII, Barley yellow dwarf luteovirus kerIII, Barley yellow dwarf luteovirus MAV, Barley yellow dwarf luteovirus PAS, Barley yellow dwarf luteovirus PAV, Barley yellow dwarf solemovirus GPV dan Barley yellow dwarf solemovirus SGV.</p>	<p><i>catharticus</i> (prairiegrass), <i>Bromus rubens</i> (red brome), <i>Cynodon dactylon</i> (Bermuda grass), <i>Dactylis glomerata</i> (cocksfoot), <i>Digitaria sanguinalis</i> (large crabgrass), <i>Echinochloa crus galli</i> (barnyard grass), <i>Elymus repens</i> (quackgrass), <i>Eragrostis curvula</i> (weeping lovegrass), <i>Festuca</i> spp. (fescues), <i>Festuca arundinacea</i> (tall fescue), <i>Festuca ovina</i> (sheeps fescue), <i>Festuca pratensis</i> (meadow fescue), <i>Festuca rubra</i> (red fescue), <i>Hordeum vulgare</i> (barli, barley), <i>Leersia oryzoides</i> (rice cutgrass), <i>Lolium</i> (ryegrasses), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Miscanthus sinensis</i> (eulalia), <i>Oryza sativa</i></p>	<p>Hemiptera, Aphididae: <i>Diuraphis noxia</i>, <i>Metopolophium dirhodum</i> (<i>Acyrtosiphon dirhodum</i>), <i>Metopolophium festucae</i>, <i>Rhopalosiphum maidis</i> (<i>Aphis maydis</i>), <i>Rhopalosiphum padi</i> (<i>Anuraphis padi</i>, <i>Rhopalosiphum prunifoliae</i>); <i>Rhopalosiphum rufiabdominalis</i>, <i>Schizaphis graminum</i> (<i>Toxoptera graminum</i>), <i>Sipha maydis</i>, <i>Macrosiphum avenae</i> (<i>Macrosiphum</i></p>	<p>Lebanon, Nepal, Pakistan, Syria, Thailand, Turkey Europe: Belgium, Bosnia and Herzegovina, Croatia, Czechia, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, North Macedonia, Montenegro, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Oceania: Australia, French Southern and Antarctic Land, New Zealand</p>

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		(padi, paddy, rice), <i>Panicum milliaceum</i> (milet), <i>Paspalum dilatatum</i> (dallisgrass), <i>Pennisetum clandestinum</i> (kikuyu grass), <i>Phleum pratense</i> (timothy), <i>Phragmites</i> spp. (reed), <i>Poa annua</i> (annual meadowgrass), <i>Poa cookie</i> , <i>Poa pratensis</i> (smooth meadow grass), <i>Poaceae</i> (grasses), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Secale cereale</i> (rye), <i>Setaria italica</i> (foxtail millet), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum turgidum</i> (gandum durum, durum wheat), <i>Zea</i> spp., <i>Zea mays</i> (jagung, corn, maize)	<i>granarium, Sitobion avenae), Macrosiphum fragariae (Sitobion fragariae)</i>	

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17.	Bean golden mosaic virus (BGMV); (Syn. bean golden mosaic bigeminivirus, bean golden mosaic geminivirus, bean golden mosaic virus (type 1) Brazil, mosaico dorado); BGMV-type 1, BGMV-Brazil, golden mosaic of bean	<i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Calopogonium mucunoides</i> , <i>Euphorbia</i> spp. (spurges), <i>Euphorbia</i> spp., <i>Glycine max</i> (kedelai, soyabean), <i>Macroptilium lathyroides</i> , <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Pachyrhizus erosus</i> (yam bean), <i>Phaseolus acutifolius</i> (tepariy bean), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus lathyroides</i> (phasey bean), <i>Phaseolus lunatus</i> (kacang koro, Lima bean), <i>Phaseolus</i> spp. (beans), <i>Phaseolus vulgaris</i> (common bean), <i>Phyllanthus</i> spp., <i>Vigna angularis</i> (kacang merah, kidney bean), <i>Vigna mungo</i> (black gram), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)	tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Hemiptera: Aleyrodidae: <i>Bemisia tabaci</i>	America: Argentina, Bolivia, Brazil, Cuba, Nicaragua

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18.	Bean pod mottle virus (BPMV); (Syn. bean pod mottle virus, pod mottle virus); bean pod mottle, pod mottle of bean	Fabaceae (leguminous plants), <i>Glycine max</i> (kedelai, soyabean), <i>Phaseolus</i> spp. (beans), <i>Phaseolus vulgaris</i> (buncis, common bean)	biji (true seeds, grains), tanaman (plants), kultur jaringan (tissue culture) Vektor: Coleoptera: Chrysomelidae: <i>Cerotoma trifurcata</i> , <i>Colaspis flavida</i> , <i>Colapsis lata</i> , <i>Diabrotica balteata</i> , <i>Diabrotica undecimpunctata</i> , <i>Diabrotica virgivera</i> , <i>Odontota horni</i> Coleoptera Coccinelidae: <i>Epilachna varivestis</i> , Coleoptera Meloidae:	Africa: Nigeria America: Brazil, Canada, Ecuador, Peru, USA Asia: Iran

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19.	Beet curly top virus (BCTV); (Syn. beet curly top virus, beet curly top geminivirus, beet curly top hybrigeminivirus, sugarbeet curly top virus, sugar beet curly-leaf virus, sugarbeet virus 1, tomato yellows virus, western yellow blight virus, potato green dwarf virus); curly leaf of sugarbeet, curly top of beet, curly top of sugarbeet, green dwarf of potato, western yellow blight, yellow of tomato)	Apiaceae, Asteraceae, <i>Apium graveolen</i> (seledri, celery), <i>Atriplex patula</i> , <i>Beta vulgaris</i> (bit, beet root), <i>Beta vulgaris</i> var. <i>saccharivera</i> (bit gula, sugar beet), Brassicaceae, <i>Cannabis sativa</i> , <i>Capsella bursapastoris</i> , <i>Capsicum</i> spp. (peppers), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Capsicum frutescens</i> (chili), Caryophyllaceae, Chenopodioideae, <i>Chenopodium</i> spp. Cucurbitaceae, <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Datura stramonium</i> , Fabaceae, Geraniaceae, Linaceae, <i>Linum usitatissimum</i> (flax), <i>Nicotiana tabacum</i> (tembakau, tobacco),	<i>Epicauta vittata</i> daun (leaves), tanaman (whole plants), umbi (bulbs, corms, tubers), kultur jaringan (tissue culture) Vektor: Hemiptera, Cicadellidae: <i>Circulifer opacipennis</i> , <i>Circulifer tenellus</i> , <i>Neoliturus tenellus</i> , <i>Neoliturus opacipennis</i>	Africa: Egypt, Ivory Coast America: Argentina, Bolivia, Canada, Costa Rica, Mexico, USA, Uruguay Asia: India, Iran, Japan, Turkey Europe: Cyprus, Italy

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		<i>Phaseolus vulgaris</i> (buncis, common bean), <i>Polygonum aviculare</i> , <i>Rumex</i> spp., <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Spinacia oleracea</i> (bayam Jepang, horens, spinach), <i>Stellaria media</i> , <i>Vigna unguiculata</i> (kacang tunggak, cowpea)		
20.	Beet leaf curl virus (BLCV); (Syn. beet leaf curl virus, beta virus 3, rubenkräusel-virus, rübenkräusel sugar beet leaf crinkle virus, sugar beet leaf curl rhabdo virus, sugar beet virus 3, beet leaf crinkle virus, sugar beet leaf curl virus,); leaf curl of beet	<i>Atriplex patula</i> (spear saltbush), <i>Beta</i> spp., <i>Beta vulgaris</i> (bit, beet root), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Chenopidium</i> spp., <i>Spinacia oleracea</i> (bayam, spinach), <i>Tetragonia tetragonioides</i> (New Zealand spinach)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: Hemiptera: Piesmidae: <i>Piesma quadratum</i>	Europe: Germany, Asia: Turkey

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
21.	Broad bean wilt virus (BBWV); (Syn. broad bean wilt fabavirus, catalpa chlorotic leaf spot virus, laminum mild virus, nasturtium ringspot virus, nasturtium white spot virus, patchouli mild mosaic virus, patchouli mild mottle virus, petunia ringspot virus, tropaeolum ringspot virus); mild mosaic of lamium, ring spot of nasturtium	<i>Alstroemeria</i> spp. (Inca lily), <i>Apium graveolens</i> (seledri, celery), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit, sugar beet), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica rapa</i> subsp. <i>chinensis</i> (Chinese cabbage), <i>Bupleurum falcatum</i> , <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Capsicum frutescens</i> (cabai, chili), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Daucus carota</i> (wortel, carrot), <i>Dioscorea batatas</i> (Chinese yam), <i>Echinacea purpurea</i> (purple coneflower), <i>Glycine max</i> (kedelai, soyabean), <i>Lactuca sativa</i> (letus, lettuce), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (basil),	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), daun (leaves), bunga (flowers), buah (fruits), kultur jaringan (tissue culture), polong (pods) Vektor: Hemiptera: Aphididae: <i>Acyrtosiphon onobrychis</i> , <i>Acyrtosiphon pisum</i> , <i>Aphis craccivora</i> , <i>Aphis faba</i> , <i>Aphis nasturtii</i> , <i>Microsiphum euphorbiae</i> , <i>Myzus persicae</i> , <i>Myzus pisi</i> , <i>Myzus solanifolii</i>	Africa: Egypt, Ethiopia, Morocco, South Africa, Sudan, Tanzania, Tunisia America: Argentina, USA Asia: Bangladesh, China, DPR Korea (North Korea), India, Iran, Iraq, Japan, Jordan, Philippines, Singapore, Republic of Korea (South Korea), Syria, Taiwan, Turkey Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Germany, Greece, Hungary, Italy, Kosovo, North Macedonia, Montenegro, Poland, Serbia, Slovakia, Slovenia, Spain, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Petroselinum crispum</i> (peterseli, parsley), <i>Phaseolus lunatus</i> (kacang koro, lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kacang kapri, pea), <i>Pogostemon cablin</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Spinacia oleracea</i> (bayam Jepang, horensen, spinach), <i>Thymus vulgaris</i> (thyme), <i>Tropaeolum majus</i> (common nasturtium), <i>Valeriana officinalis</i>, <i>Vicia faba</i> (kacang babi, broad bean), <i>Vigna angularis</i> (kacang merah, kidney bean), <i>Vigna radiata</i> (kacang hijau, mung bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea), <i>Vitis vinifera</i> (anggur, grapevine)</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
22.	Brome mosaic virus (BMV); (Syn. brome mosaic virus, Marmor graminis, ryegrass streak virus, trespen gras mosaik virus, weidel gras mosaik virus)	<i>Avena sativa</i> (oat, oats), <i>Bromus</i> spp. (bromegrasses), <i>Bromus inermis</i> (awnless brome), <i>Commelina communis</i> (common dayflower), <i>Dactylis glomerata</i> <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	rimpang (rhizome), sulur (stolons), tanaman (whole plants), kultur jaringan (tissue culture)	Africa: South Africa, Zambia America: Canada, USA Europe: Estonia, Bosnia and Herzegovina, Croatia, France, Germany, Hungary, Kosovo, Lithuania, Montenegro, North Macedonia, Portugal, Russia, Serbia, Sweden Oceania: Australia
23.	Carnation ringspot virus (CRSV); (Syn. carnation ringspot virus)	<i>Dianthus</i> spp., <i>Dianthus barbatus</i> (sweet williams), <i>Dianthus caryophyllus</i> (carnation), <i>Malus sylvestris</i> (crab apple tree), <i>Poa annua</i> (annual meadowgrass), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus salicina</i> (Japanese plum), <i>Pyrus communis</i> (pir, pear), <i>Stellaria media</i> (common chickweed), <i>Urtica</i>	akar (roots), batang (stems (above ground), trunks, branches), bunga (flower, inflorescences, cones, calyx), bibit (seedlings, micropropagated plants), daun (leaves), kultur jaringan (tissue culture) Vektor:	America: Canada, Brazil, Colombia, Mexico, USA Asia: India Europe: Denmark, Finland, France, Germany, Italy, Lithuania, Netherlands, Poland, Russia, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>urens</i> (annual nettle), <i>Vitis vinifera</i> (anggur, grapevine)	<i>Longidorus elongatus</i> , <i>Longidorus macrosoma</i> ; <i>Xiphinema diversicaudatum</i>	
24.	Carnation necrotic fleck virus (CNFV); (Syn. carnation necrotic fleck virus, carnation streak virus, carnation yellow fleck virus)	<i>Dianthus barbatus</i> , <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Dianthus chinensis</i> , <i>Dianthus plumarius</i> , <i>Lychnis chalcedonica</i> , <i>Montia perfoliate</i> , <i>Saponaria vaccaria</i> , <i>Silene armeria</i>	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: Hemiptera Aphididae: <i>Myzus persicae</i>	America: Colombia, USA, Venezuela Asia: India, Israel, Japan, Republic of Korea (South Korea), Sri Lanka Europe: Belgium, Bosnia and Herzegovina, Croatia, Czechia, Finland, France, Germany, Italy, Latvia, Lithuania, Montenegro, Netherlands, North Macedonia, Serbia, Slovakia, Slovenia, Spain, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
25.	Cassava brown streak virus (CBSaV); (Syn. cassava brown streak virus, cassava brown streak carlavirus, cassava brown streak potyvirus, cassava brown streak-associated (?) carlavirus, Ugandan cassava brown streak virus); cassava brown streak disease	<i>Manihot esculenta</i> (ubi kayu, cassava), <i>Manihot glaziovii</i> (ceara rubber)	batang (stems (above ground), trunks, branches), tanaman (whole plant), kultur jaringan (tissue culture) Vektor: Hemiptera Aleyrodidae: <i>Bemesia tabbaci</i>	Africa: Angola, Burundi, DR Congo, Comoros, Kenya, Malawi, Mayotte, Mozambique, Rwanda, Tanzania, Uganda, Zambia
26.	Cereal yellow dwarf virus-RPV (CYDRV); (Syn. cereal yellow dwarf virus-RPV), barley yellow dwarf, BYDV-RPV, cereal yellow dwarf, oat red leaf)	<i>Avena sativa</i> (oat, oats), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium perenne</i> (perennial ryegrass), <i>Secale cereale</i> (rye), <i>Triticum aestivum</i> (gandum, wheat), <i>Triticum dicoccoides</i> , <i>Triticum turgidum subsp. durum</i> (gandum durum, durum wheat)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), bunga (fruits), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Hemiptera Aphididae: <i>Schizaphis</i>	Africa: Egypt, South Africa, Tunisia America: Canada, Ecuador, Mexico, USA Asia: Azerbaijan, China, India, Israel, Japan, Jordan, Pakistan Europe: Belgium, Czechia, Denmark, France, Germany, Hungary, Ireland, Italy, Netherlands, Norway, Russia, Slovakia, Sweden, Switzerland, United Kingdom, Uzbekistan Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
			<i>graminum,</i> <i>Rhopalosiphum padi</i>	
27.	Cherry leafroll virus (CLRV); (Syn. cherry leafroll virus, golden elderberry virus, walnut ringspot); walnut ringspot, berteroa ringspot, blackline disease of walnut, dogwood ringspot, elm mosaic, golden elderberry, red elder ringspot, sambucus ringspot, sambucus yellow net, walnut black line, walnut yellow vein, mosaic of ash, walnut yellow mosaic	<i>Aegopodium podagraria</i> (ground elder), <i>Betula</i> spp. (birches), <i>Betula pendula</i> (common silver birch), <i>Carpinus betulus</i> (hornbeam), <i>Carya illinoensis</i> (pecan), <i>Canarium ovatum</i> (kenari, canary), <i>Cornus florida</i> (flowering dogwood), <i>Delphinium hybrids</i> (florist's larkspur), <i>Euonymus europaeus</i> , <i>Fagus sylvatica</i> (common beech), <i>Frangula alnus</i> , <i>Fraxinus excelsior</i> (ash), <i>Hydrangea macrophylla</i> , <i>Juglans</i> spp. (walnut), <i>Juglans regia</i> (walnut), <i>Ligustrum</i> spp. (privet), <i>Malus domestica</i> (apel, apple), <i>Nasturtium</i> sp., <i>Olea europaea</i> subsp. <i>Europaea</i> , <i>Pelargonium</i> spp.	batang (stems (above ground), trunks, branches), biji (true seeds, grains), polen (pollens), kultur jaringan (tissue culture)	Africa: Egypt, Tunisia America: Canada, Chile Peru, USA Asia: China, Iran, Lebanon, Syria, Turkey Europe: Albania, Austria, Belgium, Bulgaria, Bosnia and Herzegovia, Croatia, Czechia, Finland, France, Germany, Greece, Hungary, Italy, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Spain, Switzerland, Ukraine Oceania: Australia, French Southern and Antarctic Territories, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(pelargonium), <i>Plantago</i> spp. (plantain), <i>Prunus avium</i> (ceri, sweet cherry), <i>Ptelea trifoliata</i> (hoptree), <i>Rheum hybridum</i> , <i>Ribes rubrum</i> , <i>Rubus fruticosus</i> , <i>Rubus idaeus</i> (rasberi, raspberry), <i>Rubus procerus</i> (Himalayan Giant Blackberry), <i>Rumex</i> spp. (Dock), <i>Sambucus canadensis</i> (American elder), <i>Sambucus nigra</i> , <i>Sambucus racemosa</i> (red-berried elder), <i>Solanum acaule</i> (wild potato), <i>Soebus acuparia</i> , <i>Syringa vulgaris</i> (lilac), <i>Tropaeolum majus</i> (nasturtium), <i>Ulmus</i> spp. (elms), <i>Ulmus americana</i> (American elm), <i>Vaccinium darrowii</i> , <i>Vitis vinifera</i> (anggur, gapevine)		
28.	Cherry rasp leaf virus (CRLV);	<i>Atriplex hortensis</i> , <i>Balsamorhiza sagittata</i> , <i>Chenopodiastrum murale</i> ,	akar (roots), batang (stems (above ground), trunks,	America: Canada, USA Asia: China

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p>(Syn. apple flat apple virus, cherry rasp leaf virus, flat apple virus);</p> <p>American rasp leaf of cherry, flat apple , rasp leaf of cherry</p>	<p><i>Chenopodium album, Chenopodium giganteum, Chenopodium quinoa, Cucumis sativus, Cucurbita maxima, Cymopsis tetragonoloba, Gomphrena globosa, Hydrangea macrophylla</i> (bigleaf hydrangea), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab apple tree), <i>Malva</i> spp., <i>Nicotiana</i> spp., <i>Ocimum basilicum, Phaseolus vulgaris, Physalis floridina, Plantago mayor</i> (broad leaved plantain), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus mahaleb</i> (mahaleb cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus Rubus</i> spp., <i>Rubus ideaus</i> (raspberry), <i>Sambucus nigra, Sesbania herbaceous, Solanum</i></p>	<p>branches), buah (fruits), bunga (flower, inflorescences, cone, calyx), biji (true seeds, grains), bibit (seedlings, micropopagated plants), daun (leaves), kulit kayu (bark), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue culture)</p> <p>Vektor: <i>Xiphinema americanum, Xiphinema californicum, Xiphinema rivesi</i></p>	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>betaceum, Solanum lycopersicum, Solanum tuberosum, Taraxacum officinale</i> (dandelion)		
29.	Citrus leaf rugose virus (CiLRV); (Syn. citrus leaf rugose virus, citrus variegation virus, citrus crinkly leaf ilarvirus, citrus variegation ilarvirus)	<i>Chenopodium quinoa, Citrus</i> spp. (jeruk, orange), <i>Citrus aurantifolia</i> (jeruk nipis, lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus limon</i> (lemon), <i>Citrus jambhiri</i> (rough' lemon), <i>Citrus medica</i> (finger citron), <i>Citrus paradisi</i> (Duncan grapefruit), <i>Citrus paradisi x Citrus reticulata</i> (Orlando tangelo), <i>Citrus reticulata, Citrus sinensis</i> (sweet orange), <i>Citrus sinensis x Citrus trifoliata</i> (rusk citrange), <i>Crotalaria spectabilis, Cucumis sativus</i> (ketimun, cucumber), <i>Gomprena globosa, Momordica balsamica, Nicotiana tabacum</i>	batang okulasi (grafting), tunas (shoots, buds), tanaman (whole plant), kultur jaringan (tissue culture)	America: Costa Rica, USA Europe: Turkey Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(tembakau, tobacco), <i>Petunia hybrida</i> , <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Petunia axillaris</i> , <i>Vigna unguiculata</i> (kacang tunggak, cowpea)		
30.	Clover yellow vein virus (CYVV); (Syn. bean yellow mosaic virus-S (severe strain), bean yellow mosaic virus-N (necrotic strain), clover yellow vein virus, pea necrosis virus, static virus Y)	<i>Alysicarpus vaginalis</i> (alyce clover), <i>Ammi majus</i> (Bishop's weed), <i>Borago officinalis</i> (borage), <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Daucus carota</i> (wortel, carrot), <i>Gentiana</i> spp. (gentians), <i>Gladiolus hybrids</i> (sword lily), <i>Glycine max</i> (kedelai, soyabean), <i>Impatiens walleriana</i> (busy-lizzy), <i>Iris</i> spp. (irises), <i>Lamium amplexicaule</i> (henbit deadnettle), <i>Lathyrus odoratus</i> (sweet pea), <i>Lens culinaris</i> subsp. <i>culinaris</i>	batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), daun (leaves), rimpang (rhizomes), tunas (shoots, buds), umbi (bulbs, corms, tubers), kultur jaringan (tissue culture) Vektor: Hemiptera Aphididae: <i>Acyrtosiphon pisum</i> , <i>Aphis fabae</i> , <i>Aphis</i>	America: Canada, Colombia, USA Asia: Japan, Republic of Korea (South Korea), Yemen Europe: Bulgaria, Czechia, France, Germany, Hungary, Italy, Netherlands, Poland, Slovakia, Spain, Sweden, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(lentil) <i>Limonium sinuatum</i> (sea pink), <i>Lupinus</i> spp. (lupins), <i>Lupinus albus</i> (white lupine), <i>Lupinus angustifolius</i> (lupin), <i>Lupinus luteus</i> (yellow lupin), <i>Medicago lupulina</i> (black medick), <i>Medicago sativa</i> (lucerne), <i>Melilotus officinalis</i> (field melilot), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kacang kapri, pea), <i>Plantago major</i> (broad-leaved plantain), <i>Psophocarpus tetragonolobus</i> (winged bean), <i>Trifolium</i> spp. (clovers), <i>Trifolium hybridum</i> (Alsike clover), <i>Trifolium incarnatum</i> (crimson clover), <i>Trifolium pratense</i> (purple clover), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Trifolium subterraneum</i> (subterranean clover), <i>Trifolium vesiculosum</i>	<i>nasturtii</i> , <i>Brevicoryne brassicae</i> , <i>Macrosiphum euphorbiae</i> , <i>Metopolophium dirbodum</i> , <i>Myzus persicae</i> , <i>Rhopalosiphum padi</i>	

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(arrowleaf clover), <i>Veronica persica</i> (creeping speedwell), <i>Vicia faba</i> (kacang babi, broad bean), <i>Viola odorata</i> (English violet)		
31.	Cacao yellow mosaic virus (CYMV); (Syn. cacao yellow mosaic virus, cocoa yellow mosaic virus)	<i>Abroma augusta, Adansonia digitata, Begonia</i> spp. <i>Ceiba pentandra, Chenopodium amaranticolor, Cola lateritia</i> var. <i>maclaudi, Cola nitida</i> (bitter cola), <i>Culcasia scandens, Nicandra physaloides, Theobroma bicolor, Theobroma cacao</i> (kakao, cocoa), <i>Theobroma grandiflora, Theobroma speciosa</i>	akar (roots), batang (stems (above ground), trunks, branches), buah (fruits), bunga (flower, inflorescences, cones, calyx), polong (pods), tunas (shoots, buds), kultur jaringan (tissue culture)	Africa: Sierra Leone

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
32.	<i>Dichorhavirus coffeae</i> ; (Syn. Coffee ringspot virus (CoRSV), coffee ringspot rhabdovirus, coffee ringspot nucleorhabdovirus); ring spot of coffee, coffee ringspot	<i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (arabica coffee), <i>Coffea canephora</i> (robusta coffee), <i>Coffea liberica</i> (Liberian coffee), <i>Phaseolus vulgaris</i> (common bean)	biji (true seed, grain), bibit (seedling), tunas (shoots, buds), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Trombidiformes Tenuipalpidae: <i>Brevipalpus phoenicis</i> , <i>Brevipalpus papayensis</i>	America: Brazil, Costa Rica Asia: Philippines
33.	Cotton small leaf virus; (Syn. cotton small leaf agent); stenosis of cotton, small leaf of cotton	<i>Gossypium hirsutum</i> (kapas, Bourbon cotton)	batang (stems (above ground), trunks, branches), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor:	Asia: India, Pakistan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Hemiptera: Aphididae: <i>Aphis gossypii</i>	
34.	Cotton leaf curl virus (CLCuV) Cotton leaf curl Alabad virus (Syn. cotton leaf curl bigeminivirus, cotton leaf curl geminivirus); cotton leaf curl crinkle, cotton leaf curl disease, leaf crinkle of cotton Spesies CLCuV ini meliputi: Cotton leaf curl bangalore virus, Cotton leaf curl barasat virus, Cotton leaf curl gezira virus, cotton leaf curl kokhran virus, dan Cotton leaf curl multan virus	<i>Abelmoschus esculentus</i> , <i>Althea rosae</i> , <i>Capsicum annum</i> , <i>Carica papaya</i> (pepaya, pawpaw), <i>Castanospermum australe</i> , <i>Cucumis melo</i> (melon, melons), <i>Cucumis sativus</i> , <i>Cucurbita</i> spp., <i>Corchorus fascicularis</i> , <i>Cyamopsis tetragonoloba</i> , <i>Duranta erecta</i> (golden dewdrop), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> sp., <i>Gossypium barbadens</i> (kapas, cotton), <i>Gossypium hirsutum</i> (Bourbon cosssstton), <i>Hibiscus cannabius</i> (kenaf), <i>Hibiscus esculentus</i> , <i>Hibiscus rosa-sinensis</i> , <i>Hibiscus sabdarifa</i> , <i>Lavatera</i> spp., <i>Luffa aegyptiaca</i> (loofah),	bibit (seedlings, micropopagated plants), daun (leaves), kultur jaringan (tissue culture), tanaman (whole plants) Vektor: Hemiptera, Aleyrodidae: <i>Bemisia tabaci</i>	Africa: Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Ivory Coast, Egypt, Ghana, Niger, Nigeria, Sudan, Togo America: Mexico, USA, Guatemala Asia: China, Iran, Israel, India, Jordan, Oman, Pakistan, Philippines, Saudi Arabia, Uni Arab Emirates

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Malvaviscus arboreus, Malva parviflora, Malva sylvestris, Momordica charantia</i> (bitter gourd), <i>Phaseolus acutifolius, Phaseolus vulgaris</i> (buncis, common bean), <i>Passiflora edulis</i> (passionfruit), <i>Rhicinus communis</i> (castor bean), <i>Sida acuta, Sida alba, Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> terung, aubergine), <i>Vigna angularis</i> (kacang merah, kidney bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea), <i>Xanthium strumarium</i> (common cocklebur)		
35.	Cowpea chlorotic mottle virus (CCMV); (Syn. bean yellow stipple virus, cowpea chlorotic mottle virus, virus del moteado amarillo, Marmor flavopunctum);	<i>Desmodium tortuosum</i> (Florida beggarweed), <i>Glycine max</i> (kedelai, soyabean), <i>Lespedeza cuneata, Nicotiana tabacum</i> (tembakau, tobacco), <i>Phaseolus vulgaris</i>	tanaman (whole plants), kultur jaringan (tissue culture) Vektor:	Africa: Nigeria America: Costa Rica, Cuba, USA, Venezuela Asia: India

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	cowpea chlorotic mottle	(bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)	Coleoptera, Chrysomelidae: <i>Ceratoma trifurcata</i> , <i>Diabrotica balteata</i> , <i>Diabrotica undecimpunctata</i>	
36.	Citrus leprosis virus (CiLV) (Syn. citrus leprosis cilevirus C, citrus leprosis cilevirus C2, citrus leprosis virus cytoplasmic, citrus leprosis virus cytoplasmic type 2, citrus leprosis virus nuclear); citrus leprosis Spesies CiLV ini meliputi: <i>Citrus leprosis cilevirus C</i> dan <i>Citrus leprosis cilevirus C2</i> .	<i>Citrus deliciosa</i> (Mediterranean mandarin), <i>Citrus paradisi</i> (grapefruit), <i>Citrus reticulata</i> (jeruk keprok), <i>Citrus reshni</i> (Cleopatra mandarin), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Commelina benghalensis</i> , <i>Dieffenbachia</i> spp., <i>Hibiscus rosa-sinensis</i> , <i>Swinglea glutinosa</i>	batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kultur jaringan (tissue culture), tunas (shoots, buds) Vektor: Trombidiformes Tenuipalpidae: <i>Brevipalpus phoenicis</i>	America: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Uruguay, Venezuela
37.	Cucumber green mottle mosaic virus (CGMMV);	<i>Amaranthus blitoides</i> (spreading amaranth), <i>Amaranthus graecizans</i>	akar (roots), batang (stems (above ground), trunks,	Africa: Nigeria America: Canada,

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	(Syn. bottlegourd Indian mosaic virus, cucumber green mottle mosaic virus, cucumber green mottle mosaic watermelon strain (W), cucumber mottle virus, cucumber virus 2, cucumber virus 3, cucumber virus 4, cucumis virus 2, tobacco mosaic virus watermelon strain-W); white break mosaic	(prostrate pigweed), <i>Amaranthus muricatus</i> , <i>Amaranthus retroflexus</i> (redroot pigweed), <i>Amaranthus viridis</i> (slender amaranth), <i>Benincasa hispida</i> (wax gourd), <i>Chenopodium murale</i> (nettle-leaf goosefoot), <i>Chenopodium album</i> (fat hen), <i>Chrozophora tinctoria</i> , <i>Citrullus colocynthis</i> (colocynth), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis anguria</i> (West Indian gherkin), <i>Cucumis maderaspatanus</i> , <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (labu, giant pumpkin), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Cucurbita pepo</i> (labu,	branches), bibit (seedlings, micropropagated plants), biji (true seeds), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots, buds), umbi (bulbs, corms, tubers), media pertumbuhan (growing media associated with plants), polen (pollen), kultur jaringan (tissue culture)	Asia: China, India, Iran, Israel, Japan, Jordan, Lebanon, Myanmar, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Taiwan, Thailand, Turkey Europe: Austria, Bulgaria, Bosnia and Herzegovina, Denmark, Finland, France, Croatia, Germany, Georgia, Greece, Hungary, Latvia, Lithuania, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Slovenia, Spain, Sweden, Ukraine, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		marrow), <i>Cyclanthera brachystachya</i> (exploding cucumber), <i>Cyclanthera pedata</i> , <i>Datura stramonium</i> (jimsonweed), <i>Diplocyclos palmatus</i> , <i>Ecballium elaterium</i> , <i>Emex australis</i> (doublegee), <i>Emex spinosa</i> (spiny emex), <i>Gladiolus hybrids</i> (sword lily); <i>Heliotropium europaeum</i> (common heliotrope), <i>Heracleum moellendorffii</i> , <i>Lagenaria siceraria</i> (labu botol, bottle gourd), <i>Luffa acutangula</i> (angled luffa), <i>Luffa aegyptiaca</i> (loofah), <i>Melothria pendula</i> (creeping cucumber), <i>Melothria scabra</i> (mouse melon), <i>Moluccella laevis</i> , <i>Momordica balsamina</i> (common balsam apple), <i>Momordica charantia</i> (paria, bittergourd), <i>Nicotiana</i>		

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		<i>benthamiana, Nicotiana tabacum</i> (tembakau, tobacco), <i>Perilla frutescens, Portulaca oleracea</i> (purslane), <i>Prunus americana</i> (aprikot, apricot), <i>Sicyos angulatus</i> (burcucumber), <i>Solanum elaeagnifolium</i> (silverleaf nightshade), <i>Solanum nigrum</i> (black nightshade), <i>Trichosanthes cucumerina</i> (snake gourd), <i>Withania somnifera</i> (poisonous gooseberry), <i>Zehneria japonica</i>		
38.	<i>Cytorhabdovirus fragariarugosus</i> ; (Syn. Strawberry crinkle cytorhabdovirus (SCrV), strawberry crinkle virus, strawberry crinkle rhabdovirus, strawberry latent virus A, strawberry latent virus B, strawberry	<i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria</i> sp. (stroberi, strawberry), <i>Fragaria chiloensis</i> (Chilean strawberry), <i>Fragaria vesca</i> (wild strawberry), <i>Nicotiana clevelandii, Nicotiana glutinosa, Nicotiana</i>	bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences, cones, calyx), buah (fruits), tanaman (whole plants), kultur	Africa: South Africa America: Argentina, Brazil, Chile, Canada, Mexico, USA Asia: China, Japan, Kazakhstan, Republic of Korea (South Korea) Europe: Belgium, Bulgaria, Czechia, France, Germany, Italy, Montenegro, Moldova,

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	lesion A virus, strawberry lesion B virus, strawberry vein chlorosis)	<i>occidentalis, Physalis floridana</i>	jaringan (tissue cultures) Vektor: <i>Chaetosiphon fragararfolli,</i> <i>Chaetosiphon jacobi</i>	Netherlands, Poland, Serbia, Slovakia, United Kingdom Oceania: Australia, Fiji, New Zealand
39.	<i>Potyvirus dasheenii</i> Dasheen mosaic virus (DsMV); (Syn. dasheen mosaic virus); dasheen mosaic	<i>Aglaonema</i> spp., <i>Alocasia</i> spp., <i>Amorphophallus</i> spp., <i>Anthurium</i> spp., Araceae, <i>Caladium</i> spp., <i>Colocasia</i> spp., <i>Colocasia esculenta</i> (taro), <i>Cyrtosperma merkusii</i> (giant swam taro), <i>Dieffenbachia</i> (dumbcanes), <i>Nelumbo nucifera</i> (sacred lotus), <i>Philodendron</i> spp., <i>Spathiphyllum</i> spp., <i>Typhonium rrilobatum</i> , <i>Xanthosoma</i> spp. (cocoyam), <i>Zantedeschia</i> spp. (calla-lilies)	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences, cones, calyx), buah (fruits), daun (leaves), polong (pods), tanaman (whole plant), tunas (shoots, buds), umbi (bulbs, corms, tubers), rimpang (rhizomes), kultur	Africa: Cameroon, Egypt, Ethiopia, Nigeria, South Africa America: Brazil, Costa Rica, Cuba, Dominican Republic, Jamaica, Martinique, Nicaragua, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: China, India, Japan, Philippines, Taiwan, Vietnam Europe: Belgium, Bosnia and Herzegovina, Denmark, Italy, Netherlands, United Kingdom Oceania: American Samoa, Australia, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, New Zealand, Niue,

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			jaringan (tissue culture)	Papua Nugini, Samoa, Solomon Islands, Tonga, Vanuatu
40.	Grapevine Bulgarian latent virus (GBLV); (Syn. grapevine Bulgarian latent virus, Virus CM112)	<i>Amaranthus polygonioides</i> , <i>Beta vulgaris</i> , <i>Celosia mistuta</i> , <i>Chenopodium quinoa</i> , <i>Chenopodium amaranticolor</i> , <i>Chenopodium murule</i> , <i>Gomphrena globosa</i> , <i>Nicotiana benthamiana</i> , <i>Phaseolus vulgaris</i> , <i>Vitis</i> spp. (anggur, grapevine), <i>Vitis labrusca</i> , <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), biji (true seeds), buah (fruits), batang (stems /above ground, trunks, branches), daun (leaves), kultur jaringan (tissue culture), tunas (shoots)	Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Hungary, Montenegro, North Macedonia, Portugal, Serbia, Slovenia America: USA
41.	Grapevine chrome mosaic virus (GCMV); (Syn. grapevine chrome mosaic virus, Hungarian chrome mosaic virus, grapevine Hungarian chrome mosaic virus); chrome mosaic of grapevine	<i>Apium graveolens</i> (seledri, celery), <i>Vitis vinifera</i> (anggur, grapevine), <i>Chenopodium quinoa</i> , <i>Phaseolus vulgaris</i> , <i>Gomphrena globosa</i>	akar (roots), batang (stems (above ground) trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds), daun (leaves), kulit kayu (bark), tunas (shoots, buds), kultur jaringan (tissue culture)	Europe: Austria, Bosnia and Herzegovina, Croatia, Czechia, Hungary, Montenegro, North Macedonia, Serbia, Slovenia, Slovakia

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			Vektor: <i>Xiphinema index</i>	
42.	Grapevine fanleaf virus (GFLV); (Syn. grapevine fanleaf virus, grapevine arricciamento virus, grapevine court noue virus, grapevine fanleaf virus, grape vine infectious degeneration virus, grapevine reisigkrankheit virus, grapevine roncet virus, grapevine urticado virus, grapevine veinbanding virus, grapevine yellow mosaic virus); grapevine arriciamento, grapevine Bratislava mosaic virus, grapevine court-noué, grapevine fanleaf, grapevine infection degeneration virus, grapevine reisigkrankheit	<i>Aristolochia clematitis</i> (birthwort), <i>Chenopodium amaranticolor</i> , <i>Chenopodium quinoa</i> , <i>Cynodon dactylin</i> (rumput Bermuda, Bermuda grass), <i>Glycine max</i> (kedelai, soybean), <i>Gomphrena globosa</i> (bunga kenop, globe amaranth), <i>Sonchus oleraceus</i> (common sowthistle), <i>Vitis</i> spp. (anggur, grape), <i>Vitis vinifera</i> (anggur, grapevine)	biji (true seeds), suluran (stolons), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: Dorylaimida, Longidoridae: <i>Xiphinema americanum</i> , <i>Xiphinema index</i> , <i>Xiphinema italiae</i>	Africa: Algeria, Egypt, Madagascar, Morocco, Nigeria, South Africa, Tunisia America: Argentina, Bolivia, Brazil, Canada, Chile, Mexico, USA, Venezuela Asia: Armenia, China, India, Iran, Israel, Japan, Jordan, Kazakhstan, Lebanon, Palestine, Philippines, Syria, Turkey Europe: Albania, Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, France, Germany, Greece, Hungary, Italy, North Macedonia, Malta, Moldova, Montenegro, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Slovenia, Spain, United Kingdom, Ukraine

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	virus, grapevine roncet, grapevine urticado, grapevine vein banding, grapevine yellow mosaic			Oceania: New Zealand
43.	Grapevine fleck virus (GFkV); (Syn. grapevine fleck virus, grapevine chasselas latent agent); fleck of grapevine	<i>Vitis rupestris</i> (sand grape), <i>Vitis vinifera</i> (anggur, grapevine)	batang (stems (above ground), trunks, branches), tanaman (whole plants), kultur jaringan (tissue culture)	Africa: Algeria, Morocco, South Africa, Tunisia America: Argentina, Brazil, Canada, Mexico, USA Asia: India, Iran, Japan, Jordan, Lebanon, Pakistan, Palestine, Republic of Korea (South Korea), Turkey, Europe: Albania, Bosnia and Herzegovina, Czechia, Hungary, Italy, Malta, North Macedonia, Poland, Russia, Slovakia, Spain, United Kingdom Oceania: Australia, New Zealand

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44.	Grapevine leafroll-associated virus-1 (GLRaV-1); (Syn. grapevine leafroll-associated virus-1, grapevine leafroll-associated closterovirus 1); leafroll disease	<i>Vitis aestivalis</i> (summer grape), <i>Vitis labruca</i> (fox grape), <i>Vitis rotundifolia</i> (muscadine grape), <i>Vitis rupestris</i> (sand-grape), <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), kulit kayu (barks), kultur jaringan (tissue culture) Vektor: Mealybug Pseudococcida: <i>Heliococcus bohemicus</i> , <i>Phenacoccus aceris</i> , <i>Planococcus citri</i> , <i>Planococcus ficus</i> . <i>Pseudococcus calceolariae</i> , <i>Pseudodoccus comstoki</i> , <i>Pseudococcus maritimus</i> , <i>Pseudococcus viburni</i>	Africa: Algeria, Egypt, Morocco, Nigeria, South Africa, Tunisia America: Brazil, Canada, Chile, Mexico, USA Asia: Armenia, Azerbaijan, China, India, Iran, Israel, Japan, Jordan, Kazakhstan, Lebanon, Pakistan, Palestine, Republic of Korea (South Korea), Taiwan, Turkey, Yemen Europe: Albania, Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Cyprus, France, Germany, Greece, Hungary, Italy, Malta, Montenegro, Republic of Moldova, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Scale insect Coccidae: <i>Neopulvinaria innumerabilis, Parthenolecanium corni, Parthenolecanium persicae, Pulvinaria innumerabilis, Pulvinaria vitis,</i> Diaspididae: <i>Targionia vitis</i>	
45.	Grapevine leafroll-associated virus-2 (GLRaV-2); (Syn. grapevine leafroll-associated ampelovirus 2, grapevine leafroll-associated virus-2)	<i>Muscadinia rotundifolia</i> (muscadine grape), <i>Nicotiana benthamiana</i> , <i>Nicotiana clevelandii</i> , <i>Vitis aestivalis</i> (summer grape), <i>Vitis rupestris</i> (sand-grape), <i>Vitis californica</i> , <i>Vitis californica</i> × <i>Vitis vinifera</i> , <i>Vitis</i> spp., <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), kulit kayu (barks), kultur jaringan (tissue culture)	Africa: Algeria, Egypt, South Africa, Tunisia America: Canada, Mexico, USA Asia: Armenia, China, India, Pakistan, Palestine, Turkey Europe: Bulgaria, Croatia, France, Italy, Montenegro, Poland, Portugal, Russia, Serbia, Slovenia, Spain, Switzerland Oceania: Australia, New Zealand
46.	Grapevine leafroll-associated virus-3 (GLRaV-3);	<i>Nicotiana benthamiana</i> , <i>Vitis californica</i> , <i>Vitis californica</i> × <i>Vitis vinifera</i> , <i>Vitis rupestris</i>	akar (roots), batang (stems (above grounds), trunks,	Africa: Algeria, Egypt, Morocco, South Africa, Tunisia

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	(Syn. grapevine leafroll-associated virus-3, grapevine leafroll-associated closterovirus 3)	(sand-grape), <i>Vitis</i> spp., <i>Vitis vinifera</i> (anggur, grapevine)	branches), daun (leaves), kulit kayu (barks), bahan perbanyakan tanaman (propagated plants material), kultur jaringan (tissue culture) Vektor: Mealybug Pseudococcida: <i>Ferrisia gilli</i> , <i>Heliococcus bohemicus</i> , <i>Phenacoccus aceris</i> , <i>Planococcus citri</i> , <i>Planococcus ficus</i> , <i>Pseudococcus calceolariae</i> , <i>Pseudococcus comstocki</i> , <i>Pseudococcus longispinus</i> ,	America: Brazil, Canada, Chile, Mexico, USA Asia: China, India, Palestine, Pakistan, Iran, Israel, Jordan, Lebanon, Republic of Korea (South Korea), Turkey, Yemen Europe: Albania, Azerbaijan, Croatia, Cyprus, France, Greece, Italy, Malta, Montenegro, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			<i>Pseudococcus maritimus,</i> <i>Pseudococcus viburni</i> Scale insect Coccidae: <i>Ceroplastes rusci,</i> <i>Coccus longulus,</i> <i>Coccus herperidum,</i> <i>Neopulvinaria innumerabilis,</i> <i>Parasaisettia nigra,</i> <i>Parthenolecanium corni,</i> <i>Parthenolecanium persicae, Pulvinaria innumerabilis,</i> <i>Pulvinaria vitis,</i> <i>Saisseta sp.</i>	
47.	Grapevine leafroll-associated virus-4 (GLRaV-4); (Syn. grapevine leafroll-associated virus 4, grapevine leafroll-associated closterovirus 4, grapevine	<i>Vitis rupestris, Vitis spp., Vitis vinifera</i> (anggur, grapevine)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), kulit kayu (barks), kultur	Africa: Algeria, Nigeria, Morocco, South Africa, Tunisia America: Argentina, Brazil, Canada, Chile, USA Asia: China, India, Syria, Palestine, Pakistan, Iran, Israel,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	leafroll-associated virus 5, grapevine leafroll-associated virus 6, grapevine leafroll-associated virus 9)		jaringan (tissue culture) Vektor: Mealybug Pseudococcida: <i>Phenacoccus aceris</i> , <i>Planococcus ficus</i> Scale insect Coccidae: <i>Ceroplastes rusci</i>	Japan, Jordan, Kazakhstan, Lebanon, Republic of Korea, Taiwan, Turkey, Yemen Europe: Austria, Albania, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, Russia, France, Greece, Hungary, Italy, Malta, Moldova, Montenegro, North Macedonia, Portugal, Romania, Serbia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
48.	Grapevine leafroll-associated virus-7	<i>Camellia sinensis</i> (teh, tea), <i>Nicotiana occidentalis</i> , <i>Tetragonia expansa</i> , <i>Vitis</i> spp., <i>Vitis rupestris</i> (sand-grape), <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), kulit kayu (barks), kultur jaringan (tissue culture) Vektor:	Africa: Algeria, Egypt, Nigeria, Morocco, South Africa, Tunisia America: Brazil, Canada, Chile, USA Asia: Armenia, China, India, Syria, Palestine, Pakistan, Iran, Israel, Japan, Jordan, Kazakhstan, Republic of Korea, Taiwan, Turkey, Uzbekistan, Yemen

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			<i>Cuscuta europea, Cuscuta reflexa</i>	Europe: Austria, Albania, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, France, Greece, Hungary, Italy, Malta, Moldova, Montenegro, North Macedonia, Portugal, Romania, Russia, Serbia, Slovenia, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand
49.	Grapevine rupestris stem pitting associated virus (GRSPaV); (Syn. grapevine rupestris stem pitting agent, agent rupestris stem pitting agent); rugose wood of grapevine, rupestris stem pitting, stem pitting of <i>Vitis rupestris</i>	<i>Vitis</i> spp., <i>Vitis labrusca</i> , <i>Vitis rupestris</i> , <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), batang (stems (above ground), trunks branches), biji (true seed, grain), daun (leaves), polen (pollens), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: Hemiptera, <i>Pseudococcidae</i>	Africa: Algeria, Morocco, South Africa, Tunisia America: Brazil, Canada, Chile, Mexico, USA Asia: China, Republic of Korea, Pakistan, Turkey Europe: Belgium, Bosnia and Herzegovina, Bulgaria, Czechia, Hungary, Italy, Malta, Poland, Portugal, Russia, Slovakia, Spain, Switzerland, Ukraine, UK Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
50.	Grapevine virus A; (Syn. grapevine A closterovirus, grapevine A trichovirus, grapevine A vitivirus, grapevine corky bark closterovirus, grapevine corky bark disease, grapevine corky bark virus, grapevine stem pitting disease, grapevine stem pitting virus, grapevine stem pitting – associated closterovirus, grapevine stem pitting virus); rugose wood of grapevine, stem pitting of grapevine, corky bark of grapevine, grapevine A trichovirus, grapevine legno Riccio, grapevine stem pitting-associated virus, grapevine trichovirus, rugose wood	<i>Nicotiana benthamiana, Vitis californica, Vitis californica × Vitis vinifera, Vitis coignetiae, Vitis vinifera</i> (anggur, grapevine)	batang (stems (above ground), trunks, branches), daun (leaves), kultur jaringan (tissue culture), tunas (shoots, buds) Vektor: Mealybug Pseudococcidae: <i>Pseudococcus longispinus, Pseudococcus affinis (P. viburni), Pseudococcus comstocki, Planococcus citri, Phenacoccus aceris, Planococcus ficus, Heliococcus bohemicus,</i> Scale insects:	Africa: Algeria, Egypt, Morocco, South Africa, Tunisia America: Brazil, Canada, Chile, Mexico, USA Asia: Afghanistan, Armenia, Azerbaijan, China, Iran, Israel, Jordan, Kazakhstan, Lebanon, Pakistan, Palestine, Syria, Turkey, Uzbekistan, Yemen Europe: Albania, Croatia, Cyprus, Czechia, France, Germany, Greece, Hungary, Italy, Malta, North Macedonia, Poland, Portugal, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			<i>Neopulvinaria innumerabilis, Parthenolecanium corni,</i>	
51.	Grapevine virus B ; (Syn. grapevine virus B, grapevine B closterovirus, grapevine B trichovirus); corky bark in grapevine	<i>Nicotiana benthamiana, Nicotiana cavicola, Nicotiana clevelandii, Nicotiana occidentalis, Vitis californica, Vitis californica × Vitis vinifera, Vitis spp., Vitis vinifera</i> (anggur, grapevine)	batang (stems (above ground), trunks, branches), daun (leaves), kultur jaringan (tissue culture), tunas (shoots, buds) Vektor: Mealybug <i>Pseudococcidae Pseudococcus longispinus, Pseudococcus affinis (P. viburni), Planococcus citri, Phenacoccus aceris, Planococcus ficus</i>	Africa: Egypt, Morocco, South Africa, Tunisia America: Brazil, Canada, Mexico, USA Asia: China, India, Israel, Jordan, Lebanon, Pakistan, Palestine, Republic of Korea, Turkey, Europe: Albania, Croatia, Czechia, France, Greece, Italy, Poland, Portugal, Slovenia, Spain, Oceania: Australia
52.	Grapevine virus D	<i>Nicotiana occidentalis, Vitis spp., Vitis vinifera</i> (anggur, grapevine)	batang (stems (above ground), trunks, branches), kultur	Africa: Algeria, Tunisia Asia: Pakistan, Turkey Eropa: Italy

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			jaringan (tissue culture)	
53.	Grapevine virus E	<i>Vitis</i> spp., <i>Vitis vinifera</i> (anggur, grapevine)	batang (stems (above ground), trunks, branches), kultur jaringan (tissue culture) Vektor: Mealybug <i>Pseudococcus comstocki</i>	Africa: Tunisia, South Africa America: USA Asia: China, Pakistan Europe: Poland
54.	Grapevine red blotch virus (GRBV); (Syn. grapevine cabernet franc-associated virus, grapevine red blotch-associated virus, grapevine redleaf-associated virus); grapevine red blotch virus	<i>Vitis hybrids, Vitis</i> spp., <i>Vitis vinifera</i> (anggur, grapevine)	akar (root), batang (stems (above ground), trunks, branches), bibit (seedling, micropropagated plants), buah (fruits), bunga (flower, inflorescences, cone, calyx), daun (leaves), kayu (wood), kultur	America: Argentina, Canada, Mexico, USA Asia: India, Republic of Korea (South Korea) Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			jaringan (tissue culture) Vektor: Homoptera Cicadellidae: <i>Erythroneura ziczac</i> Hemiptera Membracidae: <i>Spissistilus festinus</i>	
55.	Impatiens necrotic spot virus (INSV); (Syn. <i>impatiens necrotic spot virus, impatiens necrotic spot tospovirus, tomato spotted wilt tospovirus-impatiens strain</i>); necrotic spot of impatiens	<i>Abelia x grandiflora, Acanthospermum hispidum, Aconitum spp., Adenium obesum, Aeschynanthus spp., Ageratum houstonianum, Agrostemma githago, Allium cepa, Allium cernuum, Allium cristophii, Allium lusitanicum, Allium moly, Allium oleraceum, Allium oreophilum, Allium porrum, Allium rotundum, Allium sativum, Allium scorodoprasum, Allium sphaerocephalon, Allium</i>	daun (leaves), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Thysanoptera, Thripidae: <i>Frankliniella fusca, Frankliniella occidentalis</i>	Africa: Egypt, Uganda America: Canada, Chile, Costa Rica, Guatemala, Mexico, Panama, USA Asia: China, Iran, Japan, Republic of Korea, Taiwan Europe: Belgium, Bosnia and Herzegovina, Bulgaria, Czechia, Finland, France, Germany, Greece, Guernsey, Hungary, Italy, Lithuania, North Macedonia, Netherlands, Norway, Poland, Portugal, Serbia, Slovenia, Spain, Sweden, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>tuberosum, Allium zebdanense, Alstroemeria aurea, Alstroemeria spp., Althaea spp. Amaryllis spp., Anemone coronaria, Anemone spp., Anthemis spp., Anthriscus cerefolium, Anthurium andraeanum, Anthurium scherzerianum, Anthurium sp., Antirrhinum majus, Antirrhinum spp., Aphelandra spp., Arabidopsis spp., Arachis hypogaea (kacang tanah, groundnut, peanut), Ardisia spp., Asparagus densiflorus, Asplenium nidus, Begonia cucullate, Begonia leathermaniae, Begonia peltate, Begonia semperflorens hybrids, Begonia spp., Begonia tuberhybrida hybrids, Begonia x hiemalis, Beta</i>		Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>vulgaris, Bougainvillea spp., Bougainvillea spectabilis, Bouvardia spp., Browallia spp., Browallia speciosa, Calceolaria herbeohybrida hybrids, Calceolaria spp., Calendula spp., Callistephus spp., Calycanthus floridus, Canna x generalis, Capsicum annuum (cabai, paprika, bell pepper), Capsicum spp., Cardamine hirsuta, Cardamine scutata, Cerastium glomeratum, Celosia argentea, Cerastium glomeratum, Chamomilla recutita (common chamomile), Chenopodium album, Chrysanthemum spp. (krisan, chrysanthemum), Chrysanthemum x morifolium (krisan, chrysanthemum), Cichorium intybus, Cichorium spp., Cineraria spp., Cissus</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p>spp., <i>Citrullus lanatus</i>, <i>Clarkia amoena</i> subsp. <i>lindleyi</i>, <i>Clivia</i> spp., <i>Codiaeum</i> <i>variegatum</i>, <i>Coleus</i> <i>scutellarioides</i>, <i>Columnnea</i> spp., <i>Cordyline fruticose</i>, <i>Cucumis sativus</i> (mentimun, cucumber), <i>Curcuma longa</i>, <i>Curcuma</i> spp. <i>Cycas</i> spp., <i>Cyclamen persicum</i>, <i>Cyclamen persicum</i> (cyclamen), <i>Cyclamen</i> spp., <i>Cyperus esculentus</i> (yellow nutsedge), <i>Cyperus rotundus</i> (purple nutsedge), <i>Cyrtomium</i> <i>falcatum</i> (Japanese holy fern), <i>Dahlia</i> spp., <i>Datura innoxia</i>, <i>Datura stramonium</i>, <i>Delphinium</i> spp., <i>Dendrobium</i> spp. <i>Desmodium</i> <i>tortuosum</i>, <i>Dianthus</i> <i>caryophyllus</i> (anyelir, carnatioan), <i>Dianthus</i> <i>chinensis</i>, <i>Dianthus</i> spp.,</p>		

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		<p><i>Diascia rigescens, Diascia</i> spp., <i>Dieffenbachia seguine,</i> <i>Digitalis</i> spp., <i>Dischidia</i> spp., <i>Dracaena fragrans, Dracaena</i> spp. <i>Echeveria</i> spp. <i>Epipremnum pinnatum,</i> <i>Episcia cupreata, Erica</i> spp. <i>Erigeron canadensis, Eruca</i> <i>vesicaria subsp. sativa,</i> <i>Erysimum cheiri, Eupatorium</i> <i>capillifolium, Euphorbia</i> <i>seguieriana, Eustoma</i> <i>grandiflorum</i> (lisianthus), <i>Eustoma russellianum,</i> <i>Eustoma</i> spp. <i>Exacum affine,</i> <i>Fatsia</i> spp., <i>Ficaria verna,</i> <i>Ficus benjamina, Ficus</i> <i>elastica, Franklinia</i> <i>alatomaha, Freesia refracta,</i> <i>Freesia</i> spp., <i>Gardenia</i> <i>jasminoides, Gazania</i> spp., <i>Gentiana macrophylla,</i> <i>Gentiana</i> spp., <i>Geranium</i> <i>carolinianum, Geranium</i> spp.,</p>		

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		<p><i>Gerbera jamesonii</i>, <i>Gerbera</i> spp., <i>Gladiolus</i> spp., <i>Gladiolus x gandavensis</i>, <i>Gnaphalium</i> spp. <i>Gomphrena globose</i>, <i>Halesia Carolina</i>, <i>Hedera helix</i>, <i>Helianthus annuus</i>, <i>Helichrysum</i> spp., <i>Hibiscus rosa-sinensis</i>, <i>Hippeastrum hybrids</i>, <i>Hippeastrum</i> spp., <i>Hosta</i> spp., <i>Hoya carnosae</i>, <i>Hoya</i> spp., <i>Hoya wayetii</i>, <i>Hydrangea quercifolia</i>, <i>Hydrangea</i> spp., <i>Hymenocallis littoralis</i>, <i>Ilex glabra</i>, <i>Impatiens hawkeri</i>, <i>Impatiens New Guinea hybrids</i>, <i>Impatiens</i> spp., <i>Impatiens walleriana</i> (busy lizzy), <i>Ipomoea tricolor</i>, <i>Iris pumila</i>, <i>Iris x hollandica</i>, <i>Isotoma axillaris</i>, <i>Jacquemontia tamnifolia</i>, <i>Kalanchoe blossfeldiana</i>, <i>Kalanchoe farinacea</i>,</p>		

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		<i>Kalanchoe</i> spp., <i>Kalanchoe thyrsiflora</i> , <i>Kohleria</i> spp., <i>Lactuca sativa</i> (selada, lettuce), <i>Lavandula</i> spp., <i>Leucanthemum</i> spp., <i>Limonium sinuatum</i> , <i>Limonium</i> spp., <i>Lobelia erinus</i> , <i>Lobelia</i> spp., <i>Lysimachia congestiflora</i> , <i>Maranta leuconeura</i> , <i>Matricaria chamomilla</i> , <i>Mollugo verticillate</i> , <i>Monarda didyma</i> , <i>Nemesia strumose</i> , <i>Nepenthes x coccinea</i> , <i>Nicotiana benthamiana</i> , <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (sweet basil), <i>Oncidium</i> spp., <i>Opuntia microdasys</i> (angel wing), <i>Osteospermum</i> spp., <i>Oxydendrum arboretum</i> , <i>Pelargonium peltatum</i> , <i>Pelargonium radens</i> ,		

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		<p><i>elargonium</i> spp., <i>Pelargonium x hortorum</i>, <i>Penstemon</i> spp., <i>Peperomia obtusifolia</i>, <i>Peperomia rotundifolia</i>, <i>Pericallis cruenta</i>, <i>Pericallis x hybrida</i>, <i>Petunia</i> spp., <i>Petunia x hybrida</i>, <i>Phalaenopsis amabilis</i>, <i>Phalaenopsis hybrids</i>, <i>Philodendron</i> spp., <i>Phlox</i> spp., <i>Photinia x fraseri</i>, <i>Physalis ixocarpa</i>, <i>Pilea cadierei</i>, <i>Pittosporum</i> spp., <i>Plantago asiatica</i>, <i>Plantago major</i>, <i>Platycodon grandifloras</i>, <i>Portulaca grandiflora</i>, <i>Portulaca oleracea</i>, <i>Primula obconica</i> (top primrose), <i>Primula</i> spp., <i>Ranunculus asiaticus</i>, <i>Ranunculus</i> spp., <i>Raphanus raphanistrum</i>, <i>Rhaphiolepis indica</i>, <i>Richardia scabra</i>, <i>Rosa</i> spp., <i>Rubus</i> spp., <i>Ruscus</i> spp., <i>Salvia</i> spp., <i>Salvia</i></p>		

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		<p><i>splendens, Saxifraga stolonifera, Schefflera actinophylla, Schefflera spp., Schizanthus spp., Schizanthus x wisetonensis, Scindapsus spp., Sinningia spp., Sinningia speciosa, Solanum brevicaule, Solanum lycopersicum (tomat, tomato), Solanum mochiquense, Solanum muricatum, Solanum tuberosum (kentang, potato), Sonchus oleraceus, Spathiphyllum spp., Spinacia oleracea (bayam, spinach), Stachys floridana, Stellaria media, Stephanotis spp., Streptocarpus ionanthus, Streptocarpus spp., Syngonium podophyllum, Torenia fournieri, Tracheliums pp., Tradescantia albiflora, Tripleurospermum maritimum, Tulipa spp.,</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Valerianella</i> spp. <i>Verbena</i> hybrids, <i>Verbena rigida</i> , <i>Verbena</i> spp., <i>Vicia faba</i> , <i>Viola</i> spp., <i>Wahlenbergia marginata</i> , <i>Zantedeschia aethiopica</i> , <i>Zantedeschia albomaculata</i> , <i>Zantedeschia odorata</i> , <i>Zantedeschia</i> spp., <i>Zingiber</i> spp., <i>Zinnia elegans</i> , <i>Zinnia</i> spp.		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
56.	Iris yellow spot virus (IYSV) (Syn. iris yellow spot virus, iris yellow spot tospovirus); iris yellow spot, lisianthus leaf necrosis, straw bleaching on onion	<i>Allium altaicum</i> , <i>Allium ampeloprasum</i> , <i>Allium cepa</i> , <i>Allium cyathophorum</i> , <i>Allium cepa</i> var. <i>aggregatum</i> (shallot), <i>Allium fistulosum</i> , <i>Allium flavum</i> , <i>Allium lusitanicum</i> , <i>Allium porrum</i> , <i>Allium pskemense</i> , <i>Allium rotundum</i> , <i>Allium sativum</i> , <i>Allium</i> spp., <i>Allium schoenoprasum</i> (chives), <i>Allium tuberosum</i> , <i>Allium vavilovii</i> , <i>Alstroemeria</i> spp., <i>Amaranthus hybridus</i> , <i>Amaranthus retroflexus</i> , <i>Amaranthus spinosus</i> , <i>Amaranthus</i> spp., <i>Ambrosia</i> spp., <i>Arctium minus</i> , <i>Atriplex micrantha</i> , <i>Bassia scoparia</i> , <i>Bessera elegans</i> , <i>Chenopodium album</i> , <i>Chrysanthemum</i> spp. (krisan, chrysanthemum), <i>Cichorium intybus</i> , <i>Clivia miniata</i> , <i>Cycas</i>	bibit (seedlings, micropropagated plant), umbi (bulbs, corm, tubers), kultur jaringan (tissue culture) Vektor: Thripidae: <i>Thrips tabaci</i> .	Africa: Egypt, Ethiopia, Kenya, Mauritius, Reunion, South Africa, Uganda, Zimbabwe America: Brazil, Canada, Chile, Costa Rica, Ecuador, Guatemala, Mexico, Peru, Uruguay, USA Asia: China, India, Iran, Israel, Japan, Pakistan, Sri Lanka, Tajikistan Europe: Austria, Bosnia and Herzegovina, Czechia, France, Germany, Greece, Italy, Netherland, Slovenia, Spain, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p>spp., <i>Datura stramonium</i>, <i>Eleusine indica</i>, <i>Eustoma</i> spp., <i>Eustoma grandiflorum</i>, <i>Eustoma russellianum</i>, <i>Geranium carolinianum</i>, <i>Hippeastrum hybrids</i>, <i>Impatiens sultani</i>, <i>Iris</i> spp., <i>Iris holandica</i>, <i>Iris xiphium</i>, <i>Lactuca serriola</i>, <i>Linaria</i> <i>canadensis</i>, <i>Lilium hybrids</i>, <i>Nicotiana benthamiana</i>, <i>Nuttallanthus canadensis</i>, <i>Pelargonium x hortorum</i>, <i>Petunia x hybrid</i>, <i>Portulaca</i> <i>oleracea</i>, <i>Rosa</i> spp., <i>Rubus</i> spp., <i>Rumex crispus</i>, <i>Scindapsus</i> spp., <i>Setaria</i> <i>viridis</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sonchus</i> <i>asper</i>, <i>Taraxacum officinale</i>, <i>Tribulus terrestris</i>, <i>Vicia</i> <i>sativa</i>, <i>Vigna unguiculata</i> (kacang tunggak, cowpea)</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
57.	Johnsongrass mosaic virus (JGMV); (Syn. Johnsongrass mosaic virus, strain); mosaic of <i>Sorghum halepense</i>	<i>Pennisetum purpureum</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum halepense</i> (Johnson grass), <i>Urochloa mozambicensis</i> , <i>Zea mays</i> (jagung, corn, maize)	akar (roots), batang (stems above ground), trunks, branches), biji (true seeds, grains), buah (fruits), daun (leaves), bagal (sett), rimpang (rhizome), kultur jaringan (tissue culture) Vektor: <i>Aulacorthum solani</i>	Africa: Ethiopia, Nigeria, America: Argentina, Brazil, Colombia, USA, Venezuela Europe: Hungary Oceania: Australia
58.	Lily symptomless virus (LSV); (Syn. lily symptomless virus, <i>Alstroemeria carlavirus</i> , <i>Alstroemeria latent virus</i> , lily curl stripe virus, lily streak virus, lily virus, Marmor mite)	<i>Alstroemeria</i> spp., <i>Gladiolus hybrid</i> (sword lily), <i>Hymenocallis littoralis</i> , <i>Lilium</i> spp., <i>Lilium martagon</i> , <i>Tulipa</i> spp.	akar (roots), batang (stems above ground), trunks, branches), bunga (flowers, inflorescences, cones, calyx), daun (leaves), umbi (bulbs, corms, tubers), kultur jaringan (tissue culture)	Asia: China, India, Japan, Republic of Korea (South Korea), Taiwan America: Argentina, USA Europe: Bulgaria, Italy, Netherlands, Poland, United Kingdom Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Vektor: <i>Aphis gossypii</i>	
59.	Lettuce mosaic virus (LMV); (Syn. lettuce virus 1, lettuce mosaic virus, lactuca virus 1, Marmor lactucae); lettuce mosaic	<i>Carthamus tinctorius</i> (safflower), <i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Cicer arietinum</i> (kacang arab, <i>chickpea</i>), <i>Cichorium endivia</i> (endive), <i>Cichorium intybus</i> (chicory), <i>Coreopsis auriculata</i> , <i>Eustoma grandiflorum</i> (lisianthus), <i>Lactuca sativa</i> (selada, lettuce), <i>Osteospermum</i> spp., <i>Pisum sativum</i> (kacang kapri, pea), <i>Sonchus</i> spp. (sowthistle), <i>Sonchus asper</i> (spiny sowthistle), <i>Sonchus oleraceus</i> (common sowthistle), <i>Spinacia oleracea</i> (spinach), <i>Stellaria media</i> (common chickweed)	biji (true seeds), daun (leaves), tanaman (whole plant), kultur jaringan (tissue culture) Vektor: Aphididae: <i>Acyrtosiphon pisum</i> , <i>Aphis gossypii</i> , <i>Macrosiphum euphorbiae</i> , <i>Myzus persicae</i>	Africa: Egypt, Ghana, Malawi, Mauritius, Morocco, Sierra Leone, South Africa, Tanzania, Tunisia, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Chile, Ecuador, Jamaica, Mexico, USA, Uruguay Asia: China, India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Malaysia, Saudi Arabia, Syria, Taiwan, Turkey, Yemen Europe: Austria, Belgium, Croatia, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
60.	Little cherry virus 1 (LChV 1) (Syn. cherry little cherry closterovirus, cherry little cherry virus, little cherry closterovirus 1); K & S disease, K & S little cherry disease, Kwanzan disease, little cherry, Shirofugen disease	<i>Prunus</i> spp., <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domesticus</i> (plum), <i>Prunus dulcis</i> (almond), <i>Prunus emarginata</i> (bitter cherry), <i>Prunus incisa</i> (Fuji cherry), <i>Prunus mahaleb</i> (Mahleb cherry), <i>Prunus pensylvanica</i> , <i>Prunus sargentii</i> (Sargent's cherry), <i>Prunus serrula</i> (Tibetan cherry), <i>Prunus serrulata</i> (Japanese cherry), <i>Prunus subhirtella</i> (Higan cherry), <i>Prunus tomentosa</i> (Nanking cherry), <i>Prunus x sieboldii</i> , <i>Prunus x yedoensis</i> (Yoshino cherry tree)	akar (roots), batang (stems), bibit (plants for planting), daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture)	Africa: Morocco America: Canada, Chile, USA Asia: China, India, Japan, Republic of Korea, Turkey Europe: Belgium, Czechia, France, Germany, Greece, Italy, Poland, Romania, Slovakia, Spain, Switzerland, United Kingdom Oceania: Australia, New Zealand
61.	Lucerne enation virus (LEV); (Syn. alfalfa enation virus, lucerne enation virus)	Fabaceae, <i>Medicago sativa</i> (alfalfa, Lucerne), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Solanum lycopersicum</i> (tomat,	tanaman (whole plant), kultur jaringan (tissue culture)	Africa: South Africa, Sudan America: Argentina, Canada, Colombia, Peru, USA Asia: Iran, Japan

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		tomato), <i>Solanum tuberosum</i> (kentang, potato)	Vektor: Hemiptera Aphididae: <i>Aphis craccivora</i>	Europe: Belgium, Bulgaria, Denmark, Greece, Hungary, Italy, Poland, Romania, Russia, Serbia, Slovakia, Switzerland Oceania: Australia
62.	Maize chlorotic dwarf virus (MCDV); (Syn. maize chlorotic dwarf machlovirus, maize chlorotic dwarf MCDV group, maize chlorotic dwarf ribotungrovirus, maize chlorotic dwarf virus, corn stunt agent)	<i>Andropogon virginicus, Coix lacryma-jobi, Digitaria ischaemum, Digitaria sanguinalis, Echinochloa crus-galli, Eleusine coracana, Eleusine indica, Eragrostis cilianensis, Ischaemum rugosum, Muhlenbergia sobolifera, Panicum capillare, Panicum miliaceum, Pennisetum americanum, Pennisetum glaucum, Rottboellia exaltata, Setaria faberi, Setaria lutescens, Setaria magna, Setaria viridis, Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum bicolor subsp. drummondii, Sorghum</i>	bibit (seedling), tanaman (whole plant), kultur jaringan (tissue culture) Vektor: Hemiptera, Cicadellidae: <i>Graminella nigrifrons,</i>	America: USA Asia: Japan, India, Thailand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>halepense</i> (Johnson grass), <i>Triticum astivum</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> , <i>Zea mexicana</i> (jagung manis, sweet corn)		
63.	Maize chlorotic mottle virus (MCMV); (Syn. Maize chlorotic mottle virus, maize mottle virus, Peru corn virus)	<i>Eleusine coracana</i> (finger millet), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Setaria</i> spp., <i>Sorghum halepense</i> (Johnson grass), <i>Zea diploperennis</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweet corn)	biji (true seeds, grains), bibit (seedling), tanaman (whole plants), bagal (sett), kultur jaringan (tissue culture) Vektor: Coleoptera, Chrysomelidae: <i>Chaetocnema pulicaria</i> , <i>Diabrotica barberi</i> , <i>Diabrotica undecimpunctata</i> , <i>Diabrotica virgifera</i> , <i>Oulema melanopus</i> , <i>Systema frontalis</i>	Africa: Congo, Ethiopia, Kenya, Mozambique, Rwanda, Tanzania, Uganda America: Argentina, Brazil, Ecuador, Mexico, Peru, USA Asia: China, Taiwan, Thailand Europe: Spain

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Thysanoptera, Thripidae: <i>Frankliniella williamsii</i>	
64.	Maize dwarf mosaic virus (MDMV); (Syn. European maize mosaic virus, Indian maize mosaic virus, maize dwarf mosaic virus, maize mosaic virus, maize stripe mosaic virus, sorghum red stripe virus); dwarf mosaic of maize	<i>Avena sativa</i> (oat, oats), <i>Bromus catharticus</i> (prairiegrass), <i>Cloris barbata</i> (purpletop chloris), <i>Panicum miliaceum</i> (millet), <i>Paspalum conjugatum</i> (sour paspalum), <i>Pennisetum glaucum</i> (pearl millet), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorghum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Stenotaphrum secundatum</i> (buffalo grass), <i>Tripsacum dactyloides</i> (eastern gamagrass USA), <i>Urochloa plantaginea</i> (marmalade grass), <i>Zea mays</i>	akar (roots), batang (stems), bibit (seedlings, micropropagated plants), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: <i>Acyrtosiphon pisum</i> , <i>Aphis citricola</i> , <i>Aphis craccivora</i> , <i>Aphis decepta</i> , <i>Aphis fabae</i> , <i>Aphis gossypii</i> , <i>Aphis</i>	Africa: Bukina Faso, Cameroon, Egypt, Ethiopia, Ivory Coast, Kenya, Mauritius, Morocco, Niger, Nigeria, South Africa, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Chile, Colombia, Cuba, Haiti, Honduras, Mexico, Peru, USA, Venezuela Asia: China, Georgia, India, Iran, Iraq, Israel, Jordan, Kazakhstan, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Turkey, Uzbekistan, Yemen Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Germany, Greece, Hungary, Montenegro, North Macedonia, Italy, Poland,

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		(jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn, maize)	<i>helianthi, Aphis maidiradicis, Brevicoryne brassicae, Hysteroneura setariae, Macrosiphum euphorbiae, Metopolophium festucae, Myzus persicae, Rhopalosiphum maidis, Rhopalosiphum padi, Rhopalomyzus poae, Schizaphis graminum, Sitobion avenae, Therioaphis trifolii forma maculate, Uroleucon ambrosiae</i>	Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Ukraine Oceania: Australia
65.	Alphanucleorhabdovirus maydis;	<i>Rottboellia cochinchinensis</i> (itchgrass), <i>Setaria vulpiseta</i> , <i>Sorghum bicolor</i> (sorgum,	akar (roots), batang (stems (above ground), trunks,	Africa: Burkina faso, Cameroon, Ivory Coast, Kenya, Madagascar,

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	(Syn. maize mosaic nucleorhabdovirus maize mosaic virus, maize mosaic rhabdovirus); corn mosaic virus, corn stripe virus, corn virus I, corn yellow stripe virus, zea virus I	sorghum), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweet corn)	branches), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: Hemiptera, Delphacidae: <i>Peregrinus maidis</i>	Mauritius, Mozambique, Nigeria, Réunion, Tanzania, Zimbabwe America: Brazil, Colombia, Costa Rica, Cuba, French Guiana, Guadeloupe, Guyana, Mexico, Peru, Puerto Rico, Suriname, USA, Venezuela Asia: India, Yemen Oceania: Fiji, Solomon Island
66.	Maize rayado fino virus (MRFV); (Syn. maize rayado fino virus); maize fine striping, maize rayado fino	<i>Robbboellia cochinchinensis</i> (itch grass), <i>Tripsacum austral</i> , <i>Zea diploperennis</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mexicana</i> , <i>Zea mays</i> subsp. <i>parviglumis</i> var. <i>parviglumi</i> , <i>Parviglumis</i> var.	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), bunga (flowers, infloewacences,	America: Argentina, Brazil, Colombia, Costa Rica, El Salvador, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, USA, Uruguay, Venezuela

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		<i>huehuetenagensis</i> , <i>Zea mays</i> , <i>Zea mays</i> subsp. <i>mays</i>	cones, calyx), daun (leaves), tunas (shoots), kultur jaringan (tissue culture) Vektor: Hemiptera, Cicadellidae: <i>Dalbulus maidis</i> ,	
67.	Maize rough dwarf virus (MRDV); (Syn. cereal tillering disease fijivirus, cereal tillering disease reovirus, cereal tillering disease virus, maize rough dwarf virus)	<i>Avena sativa</i> (oat, oats), <i>Cynodon dactylon</i> (rumput Bermuda, <i>Bermuda grass</i>), <i>Digitaria sanguinalis</i> (large crabgrass), <i>Echinochloa crus- galli</i> (barnyard grass), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium perenne</i> (perennial ryegrass), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), bunga (flowers, infloewacences, cones, calyx), daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture)	America: Argentina Asia: China, Iran, Israel, Republic of Korea (South Korea) Europe: Czechia, France, Germany, Greece, Italy, Norway, Spain, Sweden, Switzerland,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Vektor: Hemiptera, Delphacidae: <i>Laodelphax striatellus</i>	
68.	Maize streak virus (MSV); (Syn. cereal African streak virus, maize mottle virus Smith, 1957; Martyn, 1968; maize streak monogeminivirus Storey (1925), Bock et al., 1974; maize streak virus A McClean, 1947; sugarcane streak virus Storey, 1925); Streak disease of maize	<i>Avena sativa</i> (oat, oats), <i>Hordeum vulgare</i> (barli, barley), Poaceae (grasses), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Secale cereale</i> (rye), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), batang (stems (above ground), trunks, branches), bunga (flowers), bibit (seedlings, micropropagated plants), daun (leaves), kultur jaringan (tissue culture) Vektor: Hemiptera, Cicadellidae: <i>Cicadulina mbila</i> , <i>Cicadulina arachidis</i> , <i>Cicadulina bipunctella</i> ,	Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republik, Central DR Congo, Congo, Egypt, Eswatini, Ethiopia, Gabon, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritius, Mozambique, Niger, Nigeria, Rwanda, Réunion, Sao Tome and Principe, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: USA Asia: India, Yemen

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			<i>Cicadulina triangula</i> , <i>Cicadulina bimaculata</i> , <i>Cicadulina similis</i> , <i>Cicadulina latens</i> , <i>Cicadulina ghaurii</i> , <i>Cicadulina parazeae</i> , <i>Nesoclutha declivata</i>	
69.	Maize stripe virus (MSpV); (Syn. maize chlorotic stripe virus, maize stripe virus, sorghum chlorosis virus); Stripe disease of maize	<i>Avena sativa</i> (oat, oats), <i>Hordeum vulgare</i> (barli, barley), <i>Oryza sativa</i> (padi, paddy, rice), <i>Rottboellia cochinchinensis</i> (itch grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Secale cereale</i> (rye), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Triticale</i> spp., <i>Triticum</i> spp. <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	akar (roots), batang (stems (above ground), trunks, branches), bunga (flowers, infloresceces, cones, calyx), bibit (seedlings, micropropagated plants), daun (leaves), kultur jaringan (tissue culture) Vektor:	Africa: Benin, Botswana, Cameroon, DR Congo, Egypt, Eswatini, Kenya, Madagascar, Mauritius, Mozambique, Nigeria, Réunion, Sao Tome and Principe, South Africa, Tanzania, Uganda, Zimbabwe America: Argentina, Brazil, Costa Rica, Guadeloupe, Peru, Puerto Rico, USA, Venezuela Asia: India, Philippines, Taiwan, Oceania: Australia

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			Hemiptera, Delphacidae: <i>Peregrinus maidis</i> ,	
70.	Maize white line mosaic virus (MWLMV); (Syn. maize dwarf ringspot virus, maize white line virus)	<i>Digitaria sanguinalis</i> (large crabgrass), <i>Panicum</i> sp., <i>Setaria faberi</i> , <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)	polen (pollens), tanah (soil), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: <i>Graminiella nigrifrons</i> , <i>Rhopalosiphum maydis</i>	America: USA Europe: France, Italy
71.	<i>Dichoravirus orchidaceae</i> ; (Syn. orchid fleck dichorhabdovirus (OFV), dendrobium leaf streak virus, dendrobium virus, laelia red leafspot, short orchid rhabdovirus, orchid rhabdovirus, orchid fleck virus, phalaenopsis chlorotic spot virus, phalaenopsis	<i>Aspidistra elatior</i> (cast-iron plant), <i>Citrus</i> sp., <i>Citrus jambhiri</i> (rough lemon), <i>Liriope muscari</i> (monkeygrass), <i>Liriope spicata</i> (creeping liriope), <i>Oncidium</i> sp. (dancing-lady orchid), <i>Ophiogon intermedium</i> , <i>Phalaenopsis</i> sp. (anggrek bulan, moth orchid), <i>Smilax auriculata</i> (earleaf greenbrier)	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: <i>Brevipalpus californicus</i>	America: Brazil, Costa Rica, Mexico, Paraguay, USA Asia: China, Japan Europe: France, Germany Oceania: Australia, New Zealand

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	hybrid virus, phalaenopsis virus)			
72.	Papaya mosaic virus (PapMV); (Syn. Argentine plantago potexvirus, Argentine plantago virus, Australian alternanthera potexvirus, babaco yellow mosaic virus, boussingaultia mosaic virus, olive vein yellow virus, papaya mild mosaic virus, papaya mosaic virus, pawpaw mild mosaic virus, pawpaw mosaic virus, portulaca virus, salvia	<i>Alternanthera pungens</i> (khaki weed), <i>Boussingaultia</i> spp. (<i>Anredera</i> spp.), <i>Callistephus chinensis</i> (aster china, china daisy), <i>Carica papaya</i> (pepaya, papaya), <i>Carica pentagona</i> (babaco), <i>Carica pubescens</i> , <i>Carica cauliflora</i> , <i>Carica goudotiana</i> , <i>Carica monoica</i> , <i>Citrulus lanatus</i> (semangka, watermelon), <i>Cucurbita pepo</i> (marrow), <i>Cyclanthera pedata</i> (caigua), <i>Jacaratia mexicana</i> , <i>Melothria</i>	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), umbi (bulbs, corms, tubers), kultur jaringan (tissue cultures)	Africa: Tanzania, Zimbabwe America: Brazil, Dominica, Jamaica, Mexico, Saint Vincent and Grenadines, Puerto rico, Trinidad and Tobago, USA, Venezuela Asia: India, Philippines Oceania: Guam

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	potexvirus, trichosanthes virus, ullucus potexvirus); Papaya mosaic	<i>pendula</i> (creeping cucumber), <i>Olea europaea</i> (zaitun, <i>olive</i>), <i>Plantago major</i> (daun sendok, broad-leaf plantain), <i>Portulaca</i> spp. (krokot, purslane), <i>Salvia</i> <i>buchananii</i> , <i>Taraxacum</i> <i>officinale</i> (jombang, common dandelion), <i>Sesamum</i> <i>indicum</i> (wijen, sesame), <i>Trichosanthes dioica</i> (parwal, pointed gourd), <i>Ullucus</i> <i>tuberosus</i> (ulluco)		
73.	Papaya apical necrosis virus (PANV); (Syn. papaya droopy necrosis virus (PDNV), papaya apical necrosis virus (PANV))	<i>Carica papaya</i> (pepaya, papaya)	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: <i>Empoasca papayae</i>	America: USA
74.	<i>Papaya ringspot virus W</i> (PRSV-W) Syn. <i>papaya ringspot virus</i> (W strain)	Cucurbitaceae, <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucurbita pepo</i> (labu kuning, zukini,	batang (stems (above ground), trunks, branches), bibit (seedlings), buah (fruits), bunga	Africa: Egypt, Ivory Coast, Nigeria, Sudan, Tunisia America: Bahamas, Brazil, Colombia, Costa Rica, Cuba, Dominica, Ecuador, El Salvador,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		zucchini), <i>Momordica charantia</i>	(flowers, inflorescences, cones, calyx), daun (leaves), kultur jaringan (tissue cultures), tanaman (whole plants) Vektor: Hemiptera, Aphididae: <i>Myzus persicae</i> , <i>Aphis coreopsidis</i> , <i>Aphis craccivora</i> , <i>Aphis fabae</i> , <i>Aphis gossypii</i> , <i>Toxoptera citricida</i>	Guadeloupe, Honduras, Jamaica, Mexico, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: China, India, Japan, Lebanon, Malaysia, Nepal, Philippines, Singapore, Sri Lanka, Syria, Thailand, Taiwan, Turkey, Vietnam, Yemen Europe: Cyprus, France, Germany, Italy, Poland Oceania: Australia, French Polynesia, Papua New Guinea, Samoa, Solomon Island, Tonga
75.	Passion fruit woodiness virus (PWV); (Syn. passiflora chlorotic spot virus, passiflora mosaic virus, passionfruit mosaic virus, passionfruit mottle virus, passionfruit woodiness virus);	<i>Arachis hypogaea</i> (kacang tanah, groundnut, peanut), <i>Centrosema pubescens</i> (centro), <i>Glycine max</i> (kedelai, soybean), <i>Macroptilium atropurpureum</i> (siratro), <i>Passiflora caerulea</i> (bluecrown passion flower), <i>Passiflora edulis</i> (markisa, passion fruit),	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Aphid	Africa: Nigeria, Uganda America: Brazil, Martinique, USA Asia: China, Japan Oceania: Australia, New Zealand, Samoa

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Passion fruit woodiness disease	<i>Passiflora foetida</i> (red fruit passion flower), <i>Passiflora quadrangularis</i> (markisa jumbo, erbis, giant grenadilla), <i>Passiflora suberosa</i> (corky passionflower), <i>Phaseolus vulgaris</i> (buncis, common bean)		
76.	Pea enation mosaic 1 virus (PEMV-1); (Syn. pea enation mosaic virus-1, pea enation mosaic virus, pea enation mosaic virus 'group', pea virus 1); Pea enation mosaic	<i>Cicer arietinum</i> (kacang arab, chickpea), <i>Lathyrus odoratus</i> , <i>Lens culinaris</i> (lentil), <i>Medicago arabica</i> (spotted medick), <i>Pisum sativum</i> (kacang kapri, pea)	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Hemiptera, Aphididae: <i>Acyrtosiphon pisum</i> , <i>Myzus persicae</i> , <i>Frankiniella occidentalis</i>	America: USA, Canada Asia: China, Iran, Syria Europe: Austria, Czechia, France, Germany, Greece, Netherland, Spain, Slovakia, United Kingdom
77.	Pea seed-borne mosaic virus (PSbMV);	<i>Lens culinaris</i> (lentil), <i>Pisum sativum</i> (kacang kapri, pea)	biji (true seeds, grains), daun (leaves), tanaman (whole	Africa: Algeria, Egypt, Ethiopia, Libya, Morocco, South Africa,

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	(Syn. pea leaf-roll virus, pea seed-borne mosaic virus)		plants), kultur jaringan (tissue cultures) Vektor: Aphids; <i>Acyrtosiphon pisum</i> , <i>Aphis craccivora</i> , <i>Aphis fabae</i> , <i>Uroleucon escalantii</i> , <i>Ovatus crataegarius</i> , <i>Rhopalosiphum pad</i>	Sudan, Tanzania, Tunisia, Zambia, Zimbabwe America: Brazil, Canada, Peru, USA Asia: India, Iran, Israel, Japan, Jordan, Lebanon, Nepal, Pakistan, Syria, Taiwan, Yemen Europe: Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czechia, Denmark, Finland, France, Germany, Montenegro, Netherlands, Poland, Romania, Russia, Serbia, Slovakia, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand
78.	Pea streak virus (PeSV); (Syn. alfalfa latent virus, pea streak virus, steinklee virus, pea streak virus)	<i>Medicago sativa</i> (alfalfa, lucerne), <i>Pisum sativum</i> (kacang kapri, pea)	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: pea aphid (<i>Acyrtosiphon pisum</i>)	America: Canada, USA Europe: Czechia

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
79.	Peach rosette mosaic virus (PRMV); (Syn. grape decline virus, grapevine degeneration virus, peach rosette mosaic virus, rosette mosaic virus); Rosette mosaic of peach	<i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Rumex crispus</i> , <i>Solanum carolinense</i> , <i>Taraxacum officinale</i> , <i>Vaccinium corymbosum</i> (blueberry), <i>Vitis lacrusca</i> (fox grape), <i>Vitis vinifera</i> (anggur, grapevine)	akar (roots), biji (true seeds, grains), batang (stems (above ground), trunks, branches), daun (leaves), buah (fruits), polong (pods), sulur (stolon), polen (pollen), tanah (soils), media tumbuh (growing media), kultur jaringan (tissue cultures) Vektor: Dorylaimidae, Longidoridae: <i>Xiphinema americanum</i> , <i>Longidorus diadecturus</i>	Africa: Egypt America: Canada, USA Asia: Turkey
80.	Peanut chlorotic streak virus (PCSV); (Syn. peanut chlorotic streak virus)	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Canavalia ensiformis</i> , <i>Cyamopsis tetragonoloba</i> , <i>Datura metel</i> ,	kultur jaringan (tissue cultures), tanaman (whole plants)	Asia: India

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		<i>Glycine max</i> (kedelai, soyabean), <i>Nicotiana glutinosa</i> , <i>Nicotiana rustica</i> , <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Petunia hybrida</i> , <i>Physalis floridana</i> , <i>Physalis minima</i> , <i>Solanum tuberosum</i> (kentang, potato), <i>Vigna unguiculata</i> (kacang tunggak, cowpea), <i>Spinacia oleracea</i> , <i>Vicia faba</i> (kacang babi, broad bean), <i>Vigna radiata</i> (kacang hijau, mungbean)		
81.	Peanut clump virus (PCV); (Syn. peanut clump furovirus, peanut clump virus); Clump of peanut, peanut clump	<i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Setaria italyca</i> (foxtail millet)	akar (roots), biji (true seeds, grains), bagal (sett), kultur jaringan (tissue cultures) Vektor: <i>Plasmodiophoraceae:</i> <i>Polymyxa graminis</i>	Africa: Benin, Burkina faso, Chad, Republic of Congo, Gabon, Ivory Coast, Mali, Niger, Senegal, Sudan Asia: India, Pakistan
82.	Peanut stunt virus (PSV); (Syn. black locust true mosaic virus, clover blotch)	<i>Apium graveolens</i> (seledri, celery), <i>Arachys hypogaea</i> (kacang tanah, peanut),	biji (true seeds, grains), tanaman (whole plants), kultur	Africa: Morocco, Sudan America: USA

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	virus, groundnut stunt virus, peanut common mosaic virus, peanut stunt virus, robinia mosaic virus)	<i>Crotalaria anagyroides</i> (orok-orok, rattlepod), <i>Datura stramonium</i> (jimson weed), <i>Glycine max</i> (kedelai, soyabean), <i>Lupinus albus</i> (white lupine), <i>Lupinus luteus</i> (yellow lupin), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Pisum sativum</i> (kacang kapri, pea), Phaseolus spp. (beans), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kacang kapri, peas), <i>Securigera varia</i> (crown vetch), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Tephrosia</i> (hoary-pea), <i>Trifolium incarnatum</i> (crimson clover), <i>Trifolium pratense</i> (semanggi merah, red clover), <i>Trifolium repens</i> (semanggi putih, white clover),	jaringan (tissue cultures) Vektor: Hemiptera, Aphididae: <i>Aphis craccivora</i> , <i>Aphis spiraecola</i> , <i>Myzus persicae</i>	Asia: China, DPR Korea (North Korea), Georgia, Iran, Japan, Republic of Korea (South Korea) Europe: Bulgaria, France, Hungary, Italy, Poland, Spain

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		Trifolium subterraneum (subterranean clover), <i>Trifolium vesiculosum</i> (arrowleaf clover), <i>Typhonium trilobatum</i> (Bengal arum), <i>Vicia faba</i> (kacang babi, broadbean), <i>Vigna angularis</i> (kacang merah, kidney bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)		
83.	Pepino mosaic virus (PepMV); (Syn. pepino mosaic virus)	<i>Allium sativum</i> (bawang putih, garlic), <i>Amaranthus graecizans</i> , <i>Amaranthus retroflexus</i> , <i>Amaranthus viridis</i> , <i>Calendula arvensis</i> , <i>Calystegia sepium</i> , <i>Capsicum annuum</i> (cabai, chili), <i>Chenopodium murale</i> , <i>Chrysanthemum segetum</i> (krisan, chrysanthemum), <i>Convolvulus arvensis</i> , <i>Convolvulus humilis</i> , <i>Datura innoxia</i> , <i>Datura metel</i> , <i>Datura stramonium</i> (jimson weed),	batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), daun (leaves), polong (pods), kultur jaringan (tissue cultures)	Africa: Egypt, Morocco, South Africa America: Canada, Chile, Ecuador, Mexico, Peru, USA Asia: China, Israel, Syria, Taiwan, Turkey Europe: Austria, Belgium, Bulgaria, Cyprus, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Netherlands, Poland, Serbia, Spain, Switzerland, Ukraine, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>Echium creticum</i>, <i>Echium humile</i>, <i>Erigeron sumatrensis</i>, <i>Glebionis segetum</i>, <i>Heliotrophium europaeum</i>, <i>Glebionis segetum</i>, <i>Gomphrena globosa</i>, <i>Heliotrophium europaeum</i>, <i>Lepidium</i> sp., <i>Lycopersicon pimpinellifolium</i> (currant tomato), <i>Malva neglecta</i>, <i>Malva nicaeensis</i>, <i>Malva parviflora</i>, <i>Malva sylvestris</i> (common mallow), <i>Moricandia arvensis</i> (purple mistress), <i>Nicandra physalodes</i> (apple of Peru, shoofty plant), <i>Nicotiana benthamiana</i>, <i>Nicotiana clevelandii</i>, <i>Nicotiana debneyi</i>, <i>Nicotiana glauca</i> (tree tobacco), <i>Nicotiana glutinosa</i>, <i>Nicotiana occidentalis</i>, <i>Nicotiana quadrivalvis</i>, <i>Nicotiana rustica</i> (wild tobacco), <i>Nicotiana tabacum</i></p>		

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		(tembakau, tobacco), <i>Ocimum basilicum</i> (selasih, common basil), <i>Oloptum miliaceum</i> , <i>Plantago lagopus</i> (Mediterranean plantain), <i>Plantago major</i> (broad-leaved plantain), <i>Rumex</i> sp., <i>Sisymbrium irio</i> , <i>Solanum americanum</i> , <i>Solanum boliviense</i> , <i>Solanum cardiophyllum</i> , <i>Solanum chilense</i> , <i>Solanum chmielewskii</i> , <i>Solanum curtilobum</i> , <i>Solanum demissum</i> , <i>Solanum dulcamara</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum microdontum</i> , <i>Solanum mochiquense</i> , <i>Solanum muricatum</i> (medlon pear), <i>Solanum nigrum</i> (leunca, black nightshade),		

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		<i>Solanum oxycarpum, Solanum palustre, Solanum peruvianum, Solanum pimpinellifolium, Solanum raphanifolium, Solanum sarrachoides, Solanum stenotomum, Solanum stoloniferum, Solanum tuberosum (kentang, potato), Sonchus asper, Sonchus oleraceus, Sonchus tenerrimus, Taraxacum officinale, Tetragonia tetragonioides, Vicia faba (kacang babi, broadbean), Vicia unguiculata (kacang tunggak, cowpea)</i>		
84.	Pepper mild mottle virus (PMMoV); (Syn. bell pepper mottle virus, capsicum mosaic virus, pepper mild mosaic virus, pepper mild mottle virus, pepper mild tigre	<i>Capsicum spp.(peppers), Capsicum annuum (cabai, paprika, bell pepper), Capsicum frutescens (cabai, chili), Physalis angulata (cutleaf groundchery),</i>	Batang (stem, branches, trunks, above ground), biji (true seeds, grains), buah (fruits), daun (leaves), kultur	Africa : Egypt, Ethiopia, Senegal, South Africa, Tunisia, Zambia America: Antiqua and Barbuda, Argentina, Barbados, Brazil, Canada, Haiti, Jamaica, Mexico, Montserrat, Panama, Saint

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	virus, pepper mosaic virus, Samsun latent strain of tobacco mosaic virus)	<i>Solanum lycopersicum</i> (tomat, tomato)	jaringan (tissue cultures)	Lucia, Suriname, Trinidad and Tobago, USA, Venezuela Asia: China, Israel, Japan, Pakistan Republic of Korea (South Korea), Taiwan, Turkey Europe: Belgium, Bulgaria, Czechia, Denmark, France, Greece, Germany, Hungary, Iceland, Italy, Netherlands, Poland, Spain, United Kingdom Oceania: Australia, New Zealand
85.	<i>Emaravirus cajani</i> (Syn. pigeonpea sterility mosaic virus 1, pigeonpea sterility mosaic emaravirus 1 (PPSMV))	<i>Cajanus cajan</i> (kacang gude, pigeon pea)	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Acari; arthropoda: <i>Aceria cajani</i>	Asia: Bangladesh, India, Myanmar, Nepal, Sri Lanka, Thailand
86.	Plum pox virus (PPV); (Syn. annulus pruni; plum pox virus; prunus virus 7; sharka virus);	<i>Cichorium</i> (chicory), <i>Cirsium arvense</i> (creeping thistle), <i>Clematis</i> , <i>Convolvulus arvensis</i> (bindweed), <i>Euonymus europaeus</i> , <i>Juglans regia</i> (walnut),	akar (roots), batang (stems), bibit (seedlings), biji (true seeds, grains), buah (fruits), daun (leaves), polong	Africa: Egypt, Tunisia America: Argentina, Canada, Chile, USA Asia: China, India, Iran, Israel, Japan, Jordan, Kazakhstan, Pakistan, Republic of Korea

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	peach sharka, pox disease of plum, sharka disease of plant	<i>Ligustrum vulgare</i> (common privet), <i>Prunus americana</i> (American plum), <i>Prunus angustifolia</i> (Mountain cherry tree), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus besseyi</i> (bessey cherry), <i>Prunus cerasifera</i> (myrobalan plum), <i>Prunus cistena</i> , <i>Prunus davidiana</i> , <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus emarginata</i> (Bitter cherry tree), <i>Prunus fruticosa</i> (dwarf cherry), <i>Prunus glandulosa</i> (flowering almond), <i>Prunus hortulana</i> , <i>Prunus humilis</i> , <i>Prunus ilicifolia</i> (holly-leaved cherry), <i>Prunus japonica</i> (Japanese bush cherry tree), <i>Prunus maackii</i> , <i>Prunus mahaleb</i> (mahaleb cherry),	(pods), kultur jaringan (tissue cultures) Vektor: Aphids: <i>Myzus persica</i> , <i>Aphis piricola</i> , <i>Hyalopterus pruni</i>	(South Korea), Syria, Turkey, Uzbekistan Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Kosovo, Latvia, Lithuania, Luxemburg, Moldova, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Prunus maritima</i> (beach plum), <i>Prunus mexicana</i>, <i>Prunus nigra</i> (Canada plum tree), <i>Prunus padus</i> (bird cherry), <i>Prunus pensylvanica</i> (pin cherry), <i>Prunus persica</i> (persik, peach), <i>Prunus pumila var. besseyi</i>, <i>Prunus pumila var. depressa</i>, <i>Prunus salicina</i> (Japanese plum), <i>Prunus sargentii</i> (sargent's cherry), <i>Prunus serrulata</i> (Japanese flowering cherry), <i>Prunus serotina</i> (black cherry), <i>Prunus spinosa</i> (blackthorn), <i>Prunus subhirtella</i> (weeping Japanese cherry), <i>Prunus tenella</i>, <i>Prunus tomentosa</i> (Nanking cherry tree), <i>Prunus triloba</i> (Rose tree of China), <i>Prunus virginiana</i> (common choke cherry tree), <i>Prunus virginiana var. demissa</i>,</p>		

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		<i>Prunus yedoensis, Rorippa sylvestris</i> (creeping yellowcress), <i>Solanum nigrum</i> (leunca, <i>black</i> nightshade), <i>Sonchus</i> (sowthistle), <i>Taraxacum officinale complex</i> (dandelion), <i>Trifolium</i> (clovers)		
87.	Potato black ringspot virus (PBRSV); (Syn. Andean potato calico strain of tobacco ringspot virus, Andean potato calico strains nepovirus, potato black ringspot virus, potato calico strain of tobacco ringspot virus, tobacco ringspot nepovirus Andean potato calico strain), tobacco ringspot nepovirus (potato calico strain), tobacco ringspot virus (Andean potato calico strain))	<i>Arracacia xanthorrhiza</i> (arracacha), <i>Oxalis tuberosa</i> (oca), <i>Solanum tuberosum</i> (kentang, potato)	batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds, grains), daun (leaves), umbi (bulbs, corms, tubers), kultur jaringan (tissue cultures)	America: Peru
88.	Potato mop-top virus (PMTV);	<i>Solanum tuberosum</i> (kentang, potato)	akar (roots), batang (stems (above	America: Bolivia, Canada, Chile, Colombia, Costa Rica,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Syn. potato mop-top furovirus, potato mop-top virus); Potato tuber necrosis		ground), trunks, branches), daun (leaves), umbi (bulbs, corms, tubers), media tumbuh (growing media associated with plants), kultur jaringan (tissue cultures) Vektor: <i>Protozoa, Spongospora subterranea</i>	Greenland, Peru, USA, Venezuela Asia: China, Japan, Pakistan, Taiwan Europe: Czechia, Denmark, Finland, Germany, Ireland, Latvia, Netherlands, Norway, Poland, Russia, Slovakia, Sweden, Switzerland, United Kingdom Oceania: New Zealand
89.	Potato T virus (PVT); (Syn. potato virus T, potato T capillovirus, potato T trichovirus)	<i>Oxalis tuberosa, Solanum, Solanum tuberosum</i> (kentang, potato), <i>Tropaeolum tuberosum</i> (mashua), <i>Ullucus tuberosus</i>	batang (stems), bibit (seedlings, micropropagated plants), biji (true seeds, grains), daun (leaves), umbi (bulbs, corms, tubers), kultur jaringan (tissue cultures)	America: Costa Rica, Argentina, Bolivia, Peru

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
90.	Potato U virus (PVU); (Syn. potato virus U)	<i>Solanum tuberosum</i> (kentang, potato), <i>Solanum lycopersicum</i> (tomat, tomato)	biji (true seeds, grains), umbi (bulbs, corms, tubers), kultur jaringan (tissue cultures) Vektor: Orylaimidae, Longidoridae: <i>Longidorus</i> sp.	America: Peru
91.	<i>Alphanucleorhabdovirus tuberosum</i> (Syn. potato yellow dwarf rhabdovirus, potato yellow dwarf nucleorhabdovirus, potato yellow dwarf virus (PYDV))	<i>Anthemis cotula</i> (dog fennel), <i>Brassica nigra</i> (black mustard), <i>Catharanthus roseus</i> (tapak dara, <i>Madagascar periwinkle</i>), <i>Erysimum cheiranthoides</i> (treacle mustard), <i>Lepidium campestre</i> (field cress), <i>Lepidium virginicum</i> (Virginian peppercreess), <i>Mirabilis jalapa</i> (bunga pukul empat, four o'clock flower), <i>Nicotiana glauca</i> (sweet-scented tobacco), <i>Solanum lycopersicum</i> (tomat, tomato),	umbi (bulbs, corms, tubers), kultur jaringan (tissue cultures) vektor: <i>Aceratagallia sanguinolenta</i> , <i>Agallia constricta</i>	America: USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Solanum tuberosum</i> (kentang, potato), <i>Tagetes erecta</i> (Mexican marigold), <i>Verbascum thapsusu</i> (common mullein), <i>Zinnia elegans</i> (zinnia)		
92.	Potato yellow vein virus (PYVV); (Syn. potato yellow vein virus, potato vein-yellowing disease, potato yellow vein disease); yellow vein of potato, vein yellowing of potato	<i>Acroceras zizanioides</i> , <i>Catharanthus roseus</i> (tapak dara, Madagascar periwinkle), <i>Emilia sonchifolia</i> , <i>Ipomea trifida</i> , <i>Physalis peruviana</i> (ciplukan, cape gooseberry), <i>Poligonum</i> sp., <i>Rumex obtusifolius</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum phureja</i> , <i>Solanum quitoense</i> , <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum Americanum</i> , <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum</i> spp., <i>Solanum tuberosum</i> (kentang, potato), <i>Tagetes</i> sp.	umbi (bulbs, corms, tubers), tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Hemiptera, Aleyrodidae: <i>Trialeurodes vaporariorum</i>	America: Colombia, Ecuador, Peru, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
93.	Prunus necrotic ringspot virus (PNRSV); (Syn. cherry line pattern virus, European plum line pattern virus, hop B virus, hop C virus, North American plum line pattern virus, peach ringspot virus, plum (North America) line pattern virus, plum line pattern virus, prunus necrotic ringspot ilarvirus, prunus ringspot virus, red currant necrotic ringspot virus, rose line pattern virus, rose chlorotic mottle virus, rose vein banding virus, rose yellow vein mosaic virus, sour cherry necrotic ringspot virus); bud failure of almond, calico of almond, decline of plum, European line pattern of plum, fruit necrosis of sour	<i>Begonia cucullate</i> (wax flower begonia), <i>Convolvulus arvensis</i> , <i>Cucumis sativus</i> (mentimun, cucumber), <i>Humulus lupulus</i> (hop), <i>Lilium</i> sp. (Lily), <i>Malus domestica</i> (apel, apple), <i>Morus alba</i> (murbei, mulberry), <i>Morus rubra</i> (red mulberrytree), <i>Pelargonium</i> sp. (pelargonium), <i>Prunus amygdalus</i> , <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus cerasoides</i> , <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus mahaleb</i> , <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Prunus serrulata</i> (Japanes flowering cherry), <i>Rosa</i> spp. (mawar,	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), polen (pollens), tunas (shoots, buds), kultur jaringan (tissue cultures)	Africa: Algeria, Egypt, Morocco, South Africa, Tunisia America: Argentina, Brazil, Canada, Chile, Mexico, USA, Uruguay Asia: Afghanistan, China, India, Iran, Israel, Japan, Jordan, Lebanon, Republic of Korea (South Korea), Saudi Arabia, Syria, Turkey Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Latvia, Malta, Moldova, Montenegro, Netherlands, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Ukraine, United Kingdom Oceania: Australia, Fiji, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	cherry, lace leaf of cherry, line pattern of apricot, line pattern of peach, mosaic of rose	rose), <i>Rubus</i> spp. (blackberry, raspberry)		
94.	Radish mosaic virus (RaMV); (Syn. radish enation mosaic virus, radish mosaic virus)	<i>Brassica napus</i> var. <i>napobrassica</i> (swede), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica rapa</i> var. <i>oleifera</i> (turnip rape), <i>Raphanus sativus</i> (lobak, radish), <i>Eruca vesicaria</i> (purple-vein rocket)	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: <i>Phyllotreta</i> spp., <i>Epitrix hirtipennis</i> , dan <i>Diabrotica undecimpunctata</i>	Africa: Morocco America: USA Asia: India, Japan Europe: Austria, Bosnia and Herzegovina, Croatia, Kosovo, Germany, Hungary, Italy, Montenegro, North Macedonia, Russia, Serbia, Slovenia
95.	Raspberry ringspot virus (RpRSV); (Syn. raspberry ringspot virus, raspberry Scottish leaf curl virus, red currant ringspot virus, redcurrant ringspot virus); cherry pfeffinger disease, cherry rasp leaf, European rasp leaf of cherry, leaf	<i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Daphne</i> sp., <i>Forsythia</i> spp. (golden bells), <i>Fragaria</i> , <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Ligustrum vulgare</i> (common privet), <i>Narsisus</i> sp. (daffodil), <i>Phlox</i> , <i>Prunus avium</i> (ceri, sweet cherry), <i>Ribes</i> (currant), <i>Rosa</i>	biji (true seeds, grains), polen (pollens), tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Dorylaimidae, Longidoridae: <i>Longidorus</i>	Asia: Iran, Kazakhstan, Turkey Europe: Albania, Belarus, Bulgaria, Czechia, Finland, France, Germany, Greece, Ireland, Latvia, Luxemburg, Montenegro, Netherlands, Norway, Portugal, Russia, Serbia, Switzerland, United Kingdom

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	distortion of gooseberry, pfeffinger disease of sweet cherry, raspberry Lloyd George yellow blotch, ringspot disease of flowering currant, ringspot disease of raspberry, ringspot disease of redcurrant, ringspot disease of strawberry, spoonleaf of red currant	hybrida, <i>Rubus idaeus</i> (raspberry), <i>Sambucus nigra</i> (elder), <i>Vitis vinifera</i> (anggur, grapevine), <i>Weigela</i> (cardinal-shrub)	<i>elongatus, L. macrosoma, Xiphinema diversicaudatum</i>	
96.	Red clover vein mosaic virus (RCVMV); (Syn. clover (red) vein mosaic virus, red clover vein mosaic virus, Marmor trifolii, pea stunt virus, vein mosaic virus of red clover)	<i>Cicer arietinum</i> (kacang arab, chickpea), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Trifolium pratense</i> (semanggi merah, red clover)	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: aphids	America: Canada, USA Asia: Saudi Arabia Europe: Germany, Lithuania, Netherlands
97.	Rice black-streaked dwarf virus (RBSDV); (Syn. black streaked dwarf disease, rice black-streaked dwarf virus, rice black	<i>Alopecurus aequalis</i> (dent foxtail), <i>Avena sativa</i> (oat, oats), <i>Beckmannia syzigachne</i> (American sloughgrass), <i>Cynocurus cristatus</i> (crested dogtailgrass), <i>Digitaria</i>	biji (true seeds, grains), kultur jaringan (tissue cultures) Vektor:	Asia: China, DPR Korea (North Korea), Japan, Republic of Korea (South Korea) Europe: Greece

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	streak virus, rice streak (dwarf) virus)	(crabgrass), <i>Digitaria ciliaris</i> (southern crabgrass), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Echinochloa frumentacea</i> (Japanese millet), <i>Eleusine coracana</i> (finger millet), <i>Eragrostis</i> (lovegrasses), <i>Festuca arundinacea</i> (tall fescue), <i>Glyceria</i> (manna grass), <i>Hordeum vulgare</i> (barli, barley), <i>Isachne</i> , <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> (millet), <i>Phleum pratense</i> (timothy grass), <i>Poa annua</i> (annual meadowgrass), <i>Secale cereale</i> (rye), <i>Setaria italica</i> (foxtail millet), <i>Setaria viridis</i> (green foxtail), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Trisetum</i> , <i>Triticum</i>	Delpacidae: <i>Laodelphax striatellus</i> , <i>Nilaparvata lugens</i> , <i>Unkanodes albifascia</i> , <i>Unkanodes sapporonus</i>	

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		(wheat), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)		
98.	Rice dwarf virus (RDV); (Syn. <i>oryza virus 1</i> , rice dwarf virus, rice mosaic virus, rice stunt); dwarf disease of rice, rice dwarf, rice mosaic, rice stunt	<i>Echinochloa frumentacea</i> (Japanese millet), <i>Oryza sativa</i> (padi, paddy, rice)	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Hemiptera, Cicadellidae: <i>Nephotettix</i> <i>cincticeps</i> , <i>N.</i> <i>nigropictus</i> , <i>Nephotettix</i> spp., <i>Recilia dorsalis</i>	Asia: China, DPR Korea (North Korea), India, Japan, Nepal, Republic of Korea (South Korea), Thailand
99.	Rice hoja blanca virus (RHBV); (Syn. <i>echinochloa hoja</i> blanca virus, rice hoja blanca virus); white leaf disease of rice, chlorosis of rice, hoja blanca of rice, rice white leaf virus	<i>Avena sativa</i> (oat, oats), <i>Echinochloa colona</i> (jungle rice), <i>Hordeum vulgare</i> (barli, barley), <i>Oryza sativa</i> (padi, paddy, rice), <i>Secale cereale</i> (rye), <i>Triticum aestivum</i> (gandum, wheat)	Tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Hemiptera, Delphacidae: <i>Tagosodes orizicolus</i>	America: Argentina, Brazil, Belize, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Guyana, Honduras, Mexico, Panama, Peru, Puerto Rico, Suriname, Trinidad and Tobago, USA, Venezuela

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100.	Rice stripe virus (RSV); (Syn. rice stripe virus); stripe disease of rice	<i>Alopecurus aequalis</i> (dent foxtail), <i>Avena sativa</i> (oat, oats), <i>Cynodon dactylon</i> (Bermuda grass), <i>Cynocurus cristatus</i> (crested dogtailgrass), <i>Digitaria ciliaris</i> (southern crabgrass), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Echinochloa frumentacea</i> (Japanese millet), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lolium perenne</i> (perennial ryegrass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> (millet), <i>Phleum pratense</i> (timothy grass), <i>Poa annua</i> (annual meadowgrass), <i>Secale cereale</i> (rye), <i>Setaria italica</i> (foxtail millet), <i>Setaria viridis</i> (green foxtail), <i>Triticum aestivum</i> (gandum,	tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Hempitera, Delphacidae: <i>Laodelphax striatellus</i> , <i>Terthron albovittatum</i> , <i>Unkanodes sapporona</i> , <i>Unkanodes albifascia</i>	Asia: China, DPR Korea (North Korea), Japan, Republic of Korea (South Korea), Taiwan, Vietnam Europe: Russia

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		wheat), <i>Zea mays</i> (jagung, corn, maize)		
101.	Rice yellow mottle virus (RYMV); (Syn. rice yellow mottle virus); pale yellow mottle disease	<i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Cyperus esculentus</i> (yellow nutsedge), <i>Cyperus rotundus</i> (rumput teki, purple nutsedge), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Eleocharis complanata</i> , <i>Eleusine indica</i> (goose grass), <i>Eragrostis</i> , <i>Fuirena umbellata</i> , <i>Imperia cylindrica</i> (cagon grass), <i>Kylinga pumila</i> , <i>Megathyrsus maximus</i> (Guinea grass), <i>Oryza glaberrima</i> (African rice), <i>Oryza sativa</i> (padi, paddy, rice), <i>Paspalum vaginatum</i> (seashore paspalum)	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue cultures) Vektor: Coleoptera, Chrysomelidae: <i>Sesselia pusilla</i> , <i>Chaetocnema</i> spp., <i>Dactylispa</i> spp., <i>Dicladisa viridicyanea</i> , <i>Trichispa sericea</i> , Chrysomelidae lain	Africa: Benin, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, DR Congo, Ethiopia, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Liberia, Madagascar, Malawi, Mali, Mauritania, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Tanzania, Togo, Uganda, Zimbabwe
102.	<i>Alphanucleorhadovirus oryzae</i> ; (Syn. rice yellow stunt nucleorhabdovirus, rice	<i>Oryza sativa</i> (padi, paddy, rice)	tanaman (whole plants), kultur jaringan (tissue cultures)	Asia: China, Japan, Taiwan, Thailand

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	yellow stunt virus (RTYV), rice transitory yellowing virus, rice transitory yellowing rhabdovirus)		Vektor: Hemiptera, Cicadellidae: <i>Nephotettix cincticeps</i> , <i>Nephotettix nigropictus</i> , <i>Nephotettix virescens</i>	
103.	Satsuma dwarf virus (SDV); (Syn. citrus mosaic virus (CiMV), citrus satsuma dwarf nepovirus, citrus (navel orange) infectious mottling virus, natsudaidai dwarf virus (NDV), navel orange infectious mottling virus, Satsuma dwarf virus); dwarf disease of Satsuma	<i>Citrus</i> spp. (jeruk, orange), <i>Citrus natsudaidai</i> , <i>Citrus reticulata</i> (mandarin orange), <i>Citrus sinensis</i> (jeruk manis, sweet orange), <i>Citrus unshiu</i> (Satsuma mandarin), <i>Citrus tamurana</i> , <i>Citrus tangelo</i> , <i>Citrus trifoliata</i> , <i>Daphniphyllum teijsmannii</i> , <i>Fragaria x ananassa</i> , <i>Fortunella</i> spp. (kumquat), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Poncirus trifoliata</i> (trifoliate orange), <i>Viburnum odoratissimum</i>	tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue cultures)	Asia: China, DPR Korea (North Korea), Iran, Japan, Republic of Korea (South Korea), Turkey

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104.	Southern bean mosaic virus (SBMV); (Syn. bean southern mosaic virus, bean mosaic virus 4, marmor laesiofaciens, phaseolusvirus laedens southern bean mosaic virus, southern bean mosaic virus 1)	<i>Glycine max</i> (kedelai, soyabean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Vigna radiata</i> , <i>Vigna mungo</i> (black gram), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)	biji (true seeds, grains), tanaman (whole plant), kultur jaringan (tissue cultures) Vektor: <i>Cerotoma trifurcata</i> , <i>Diabrotica undecimpunctata</i> , <i>Ephilachna varivestis</i> , <i>Madurasia obscurella</i> , <i>Ootheca mutabilis</i>	Africa: Benin, Ghana, Ivory Coast, Morocco, Nigeria, Senegal, Togo, Zambia America: Brazil, Colombia, Costa Rica, Mexico, Nicaragua, USA, Venezuela Asia: Armenia, Azerbaijan, China, Georgia, India, Iran, Kazakhstan, Kyrgyzstan, Pakistan, Tajikistan, Turkmenistan, Uzbekistan Europe: Belarus, Estonia, France, Latvia, Lithuania, Republic of Moldova, Spain, Russia, Ukraine
105.	Sri Lankan cassava mosaic virus (SLCMV); (Syn. Sri Lankan cassava mosaic virus)	<i>Capsicum annuum</i> (paprika, cabai, bell-pepper), <i>Jatropha curcas</i> (jarak pagar, jatropha), <i>Manihot esculenta</i> (ubi kayu, cassava)	batang (stems (above ground), trunks, branches), kultur jaringan (tissue cultures) Vektor: <i>Bemisia tabaci</i>	Asia: Cambodia, China, India, Sri Lanka, Vietnam

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106.	<i>Stralarivirus SLRSV</i> ; (Syn. aesculus line pattern virus, rhubarb virus 5, strawberry latent ringspot virus (SLRSV), strawberry latent ringspot sadwavirus)	<i>Aesculus</i> sp., <i>Anemone</i> sp., <i>Apium graveolens</i> (seledri, celery), <i>Asparagus officinalis</i> (asparagus, aspharagus), <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria vesca</i> (wild strawberry), <i>Humulus lupulus</i> (common hop), <i>Impatiens walleriana</i> (busy lizzy), <i>Lamium amplexicaule</i> (henbit deadnettle), <i>Lilium</i> sp., <i>Narsisus</i> sp., <i>Pastinaca sativa</i> (parsnip), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (persik, peach), <i>Rheum hybridum</i> (rhubarb), <i>Ribes nigrum</i> (blackcurrant), <i>Ribes rubrum</i> (red currant), <i>Rosa</i> sp. (mawar, rose), <i>Rubus</i>	biji (true seeds, grains), tanaman (<i>whole plants</i>), umbi (<i>bulbs, corm, tubers</i>), kultur jaringan (<i>tissue cultures</i>) Vektor: Dorylaimida, Longidoridae: <i>Xiphinema diversicaudatum</i> , <i>Xiphinema coxi</i> , <i>Paralongidorus maximus</i>	Africa: Egypt, Tunisia America: Canada, Mexico, USA Asia: India, Lebanon, Syria, Taiwan, Turkey Europe: Albania, Belarus, Belgium, Croatia, CzechiaFinland, France, Germany, Greece, Hungary, Ireland, Italy, Luxemburg, Montenegro, Netherlands, Poland, Portugal, Serbia, Spain, Switzerland, United Kingdom Oceania: New Zealand

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		<i>fruticosus</i> (blackberry), <i>Rubus ideaus</i> (raspberry), <i>Solanum muricatum</i> (melon pear), <i>Stellaria media</i> (common chickweed), <i>Tibouchina</i> sp., <i>Trifolium repens</i> (semanggi putih, white clover), <i>Urtica dioica</i> (stinging nettle) <i>Vaccinium darrowii</i> , <i>Vitis vinifera</i> (anggur, grapevine), <i>Vaccinium darrowii</i> (blueberry)		
107.	Strawberry mild yellow edge virus (SMYEV); (Syn. strawberry mild yellow edge disease; strawberry yellow edge; strawberry mild yellow edge virus; strawberry mild yellow edge associated virus; strawberry xanthosis; strawberry virus 2, strawberry veinbanding caulimovirus, strawberry virus 5)	<i>Fragaria</i> sp., <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria chiloensis</i> (Chilean strawberry), <i>Fragaria ovalis</i> , <i>Fragaria vesca</i> (wild strawberry), <i>Fragaria virginiana</i> (scarlet strawberry), <i>Rubus rosifolius</i> (roseleaf raspberry)	bunga (flowers, inflorescences, cones, calyxes), buah (fruits), bibit (seedlings/ micropropagated plants), tanaman (whole plants), kultur jaringan (tissue cultures)	Africa: Egypt, South Africa America: Argentina, Brazil, Canada, Chile, Mexico, Paraguay, USA Asia: China, India, Israel, Japan, Kazakhstan, Republic of Korea (South Korea) Europe: Belgium, Bulgaria, Czechia, France, Germany, Ireland, Italy, Luxemburg, Montenegro, Netherlands,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			Vektor: <i>Chaetosiphon fragaefolii</i>	Poland, Serbia, Slovakia, United Kingdom Oceania: Australia, New Zealand
108.	Strawberry vein banding virus (SVBV); (Syn. strawberry vein banding virus; strawberry virus 5); vein banding of strawberry	<i>Fragaria</i> spp. <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fragaria vesca</i> (wild strawberry)	batang (stems (above ground), trunks, branches), daun (leaves), bibit (seedlings, micropropagated plants), kultur jaringan (tissue culture), tunas (shoots, buds)	Africa: Egypt. America: Brazil, Canada, Chile, USA Asia: China, Japan Europe: Croatia, Czechia, Hungary, Italy, Montenegro, North Macedonia, Russia, Serbia, Slovakia, United Kingdom Oceania: Australia
109.	Sugarcane bacilliform Guadeloupe A virus (SCBGAV)	<i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum hybrid cultivar</i>	kultur jaringan (tissue culture), setek batang (stem cuttings) Vektor: Mealybug	America: Cuba, Guadeloupe Asia: China

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
110.	Sugarcane bacilliform Guadeloupe D virus (SCBGDV);	<i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum hybrid cultivar</i>	kultur jaringan (tissue culture), setek batang (stem cuttings) Vektor: Mealybug	America: Cuba, Guadeloupe Asia: China
111.	Sugarcane bacilliform MO virus (SCBMOV) (Syn. Sugarcane bacilliform Mor badnavirus)	<i>Erianthus</i> spp., <i>Musa acuminata</i> , <i>Oryza sativa</i> (padi, paddy, rice), <i>Saccharum</i> spp.	kultur jaringan (tissue culture), setek batang (stem cuttings) Vektor: Mealybug	Africa: Morocco America: Cuba, Guadeloupe, Asia: China, India
112.	Sugarcane mild mosaic virus (SCMMV);	<i>Oryza sativa</i> (padi, rice, paddy), <i>Saccharum barberry</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum sinense</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass)	bagal (setts), batang (stems (above ground), trunks, branches), kultur jaringan (tissue culture) Vektor: Hemiptera, Pseudococcidae: <i>Saccharicoccus sacchari</i>	Africa: Chad, Madagascar, Malawi, Mauritius, South Africa, Tanzania, Zambia, Zimbabwe America: USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
113.	Tobacco necrosis virus (TNV); (Syn. bean stipple streak virus, chenopodium necrosis necrovirus, cucumber necrosis virus, euonymus mosaic virus, strawberry necrotic rosette virus, tobacco necrosis necrovirus, tulip Augusta disease virus, tulip necrosis virus); augusta disease of tulip Spesies TNV ini meliputi: Tobacco necrosis virus A dan Tobacco necrosis virus D.	<i>Ailanthus altissima</i> (tree-of-heaven), <i>Cirsium arvense</i> (creeping thistle), <i>Conyza canadensis</i> (Canadian fleabane), <i>Beta vulgaris</i> (bit, beet root), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cyamopsis tetragonoloba</i> (guar), <i>Daucus carota</i> (wortel, carrot), <i>Euonymus europaeus</i> , <i>Fraxinus excelsior</i> (ash), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Lactuca sativa</i> (selada, lettuce), <i>Lycopersicon esculentum</i> (tomat, tomato), <i>Malus domestica</i> (apel, apple), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pelargonium</i> (pelargoniums), <i>Pisum sativum</i> (kacang kapri, pea),	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), kultur jaringan (tissue culture), tanaman (whole plants), umbi (bulbs, corms, tubers) Vektor: <i>Olphidium brassicae</i>	Africa: South Africa America: Brazil, Canada, USA. Asia: China, India, Japan, Turkey Europe: Belgium, Bosnia and Herzegovina, Bulgaria, Czechia, Denmark, France, Finland, Germany, Hungary, Italy, Latvia, Lithuania, Netherlands, Norway, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Populus tremuloides</i> (trembling aspen), <i>Prunus domestica</i> (prem, plum), <i>Pyrus communis</i> (pir, pear), <i>Echium plantagineum</i> (Paterson's curse), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Tulipa</i> (tulip), <i>Vitis vinifera</i> (grapevine)		
114.	Tobacco rattle virus (TRV); (Syn. aster ringspot virus, belladonna mosaic virus, Potato stem mottle virus, peony mosaic virus, peony ringspot virus, pPaeony mosaic virus, peony ringspot virus, potato corky ringspot virus, ratel virus, tabakmauche virus, tabakstreifen-und kra, spinach yellow mottle virus, tobacco rattle tobnavirus,	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Alstroemeria</i> (inca lily), <i>Amaranthus</i> (grain amaranth), <i>Anemone</i> (windflower), <i>Aquilegia</i> (columbines), <i>Artemisia</i> (wormwoods), <i>Artemisia vulgaris</i> (mugwort), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica</i> sp., <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Capsicum</i>	bagian vegetatif tanaman (vegetative plant propagation), batang (stems (above ground), trunks, branches), biji (true seeds, grains), daun (leaves), tunas (tubers, corms, bulbs), kultur jaringan (tissue culture)	Africa: Burundi, Egypt, South Africa, Tunisia America: Bolivia, Brazil, Cuba, Canada, USA, Venezuela Asia: Bangladesh, China, India, Japan, Pakistan, Uzbekistan Europe: Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Czechia, Croatia, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Kosovo, Latvia, Lithuania, Montenegro,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	tobacco rattle virus, tulip white streak virus, oregon yellow virus); spraying of potato	<i>annuum</i> (cabai, paprika, bell pepper), <i>Cyclamen</i> , <i>Cynara cardunculus</i> L. var. <i>scolymus</i> (globe artichoke), <i>Cypripedium reginae</i> (showy lady's slipper), <i>Daucus carota</i> (wortel, carrot), <i>Fraxinus</i> (ash), Freesia, <i>Galium mollugo</i> (Hedge bedstraw), <i>Gladiolus hybrids</i> (sword lily), <i>Hosta</i> spp., <i>Hydrangea arborescens</i> (smooth hydrangea), <i>Hydrangea macrophylla</i> (bunga bokor, hortensia), <i>Iris</i> spp. (iris), <i>Lactuca sativa</i> (selada, lettuce), <i>Lamprocapnos spectabilis</i> (Asian bleeding heart), <i>Lilium candidum</i> (madonna lily), <i>Lilium longiflorum</i> (easter lily), <i>Lysimachia nummularia</i> (moneywort), <i>Malva</i> (mallow), <i>Narcissus</i> (daffodil), <i>Nicotiana</i>	Vektor: <i>Paratrichodorus</i> , <i>Paratrichodorus pachydermus</i> , <i>Trichodorus</i> , <i>Trichodorus primitivus</i> , <i>Trichodorus similis</i>	Moldova, Netherlands, North Macedonia, Norway, Poland, Russia, Serbia, Slovenia, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>tabacum</i> (tembakau, tobacco), <i>Paeonia</i>, <i>Paeonia lactiflora</i> (Chinese peony), <i>Peperomia</i>, <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Phlox</i> <i>paniculata</i> (summer perennial phlox), <i>Phlox</i>, <i>Physalis</i> (groundcherry), <i>Phryma</i> <i>leptostachya</i> (American lopseed), <i>Plantago</i> sp. (Plantain), <i>Portulaca oleracea</i> (purslane), <i>Ribes</i> <i>nigrum</i> (blackcurrant), <i>Rumex</i> (Dock), <i>Secale cereale</i> (rye), <i>Sedum</i>, <i>Solanum</i> <i>nigrum</i> (leunca, black nightshade), <i>Solanum</i> <i>tuberosum</i> (kentang, potato), <i>Sonchus</i> (Sowthistle), <i>Spinacia oleracea</i> (bayam jepang, spinach), <i>Stellaria</i> <i>media</i> (common chickweed), <i>Tulipa</i> (tulip), <i>Tussilago</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>farfara (Colt's-foot), Viola arvensis (feld pansy)</i>		
115.	Tobacco streak virus (TSV); (Syn. asparagus stunt virus, asparagus stunt virus, black raspberry latent ilarvirus, black raspberry latent virus, bean red node strain, black raspberry latent strain, datura quercina virus, new logan virus, nicotiana virus 8, nicotiana virus vulnerans, strawberry necrotic shock virus, tractus orae, tobacco streak ilarvirus)	<i>Ageratum houstonianum</i> (blue billygoatweed), <i>Allium cepa</i> (onion), <i>Althaea</i> (hollyhocks), <i>Amaranthus cruentus</i> (red amaranth), <i>Ambrosia psilostachya</i> (perennial ragweed), <i>Arachis hypogaea</i> (kacang tanah, ground nut), <i>Arctium minus</i> (common burdock), <i>Arum orientale</i> , <i>Asparagus officinalis</i> (asparagus, asparagus), <i>Astilbe arendsii</i> (hybr), <i>Buxus sempervirens</i> (common boxwood), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Calendula</i> (marigolds), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Carica papaya</i> (pepaya, papaya), <i>Chenopodium quinoa</i> (quinoa), <i>Chrysanthemum</i>	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds, grains), buah (fruits, inc. pods), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kayu (woods), polen (pollens), tunas (shoots, trunks), kultur jaringan (tissue culture) Vektor: <i>Frankliniella schultzei</i> , <i>Thrips tabaci</i>	Africa: South Africa, Sudan America: Argentina, Brazil, Canada, Chile, Mexico, Peru, USA, Venezuela Asia: China, India, Iran, Japan, Pakistan, Philippines, Singapore Europe: Bosnia and Herzegovina, Croatia, Czechia, Denmark, France, Italy, Kosovo, Montenegro, North Macedonia, Netherlands, Norway, Russia, Serbia, Slovenia, Spain, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(daisy), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Cichorium endivia</i> (endive), <i>Clematis vitalba</i> (old man's beard), <i>Convolvulus arvensis</i> (bindweed), <i>Cucurpita pepo</i> (labu, pumkin), <i>Cucumis anguria</i> (West Indian gherkin), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cyamopsis tetragonoloba</i> (guar), <i>Cynara cardunculus</i> var. <i>scolymus</i> (globe artichoke), <i>Cyphomandra betacea</i> (terung Belanda, tree tomato), <i>Dahlia</i> , <i>Desmodium</i> (tick clovers), <i>Eustoma grandiflorum</i> (Lisianthus), <i>Fragaria</i> , <i>Fragaria ananassa</i> (strawberry), <i>Gladiolus</i> hybrids, <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium herbaceum</i> (Levant cotton), <i>Guizotia abyssinica</i> (niger),		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hibiscus cannabinus</i> (yute Jawa, kenaf), <i>Jasminum sambac</i> (melati, Arabian jasmine), <i>Lablab purpureus</i> (hyacinth bean), <i>Lactuca sativa</i> (selada, lettuce), <i>Lonicera fragrantissima</i>, <i>Macrotyloma uniflorum</i> (horsegram), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Melilotus alba</i> (raspberry), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ornithogalum</i>, <i>Parthenium hysterophorus</i>, <i>Petroselinum crispum</i> (peterseli, parsley), <i>Phaseolus vulgaris</i> (common bean), <i>Pisum sativum</i> (kacang kapri, pea), <i>Plantago</i> (Plantain), <i>Primula</i> (Primrose), <i>Raphanus raphanistrum</i> (wild radish), <i>Ricinus communis</i> (jarak, castor bean), <i>Silybum</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>marianum</i> (variegated thistle), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum tuberosum</i> (kentang, potato), <i>Trifolium</i> (clover), <i>Trifolium pratense</i> (red clover), <i>Trigonella foenumgraecum</i> , <i>Vaccinium macrocarpon</i> (American cranberry), <i>Vicia faba</i> (kacang babi, faba bean), <i>Vigna angularis</i> (Adzuki bean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)		
116.	Tomato aspermy virus (TAV); (Syn. chrysanthemum aspermy virus, chrysanthemum mild mottle virus, chrysanthemum mosaic virus, cucumis virus 1, lycopersicon virus 7, tomato aspermy virus)	<i>Canna</i> sp., <i>Capsicum annum</i> (cabai, paprika, bell pepper), <i>Chrysanthemum</i> spp. (krisan, chrysanthemum), <i>Chrysanthemum morifolium</i> (<i>chrysanthemum</i> (florist)), <i>Lilium</i> sp., <i>Solanum lycopersicum</i> (tomat, tomato)	batang (stems (above ground), trunks, branches), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), kultur jaringan (tissue culture), umbi (bulbs, corms, tubers)	Africa: Tunisia; America: Canada, USA Asia: Armenia, Azerbaijan, China, Georgia, India, Japan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan Europe: Belarus, Bosnia and Herzegovina, Croatia, Estonia, Latvia, Lithuania, Moldova, Montenegro, North Macedonia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
			Vektor: Hemiptera: Aphididae: <i>Myzus persicae</i>	Poland, Romania, Russia, Serbia, Slovenia, Ukraine Oceania: Australia, New Zealand
117.	Tomato black ring virus (TBRV); (Syn. bean ringspot virus beet ringspot virus; lettuce ringspot virus; English lettuce ringspot, potato bouquet virus; potato pseudo-aucuba virus, tomato black ring virus, beet ringspot (Scottish) strain of TBRV, lettuce ringspot (English) strain of TBRV, celery yellow vein virus); black ring of tomato; bouquet of potato; pseudo- aucuba of potato; ring spot of bean; ring spot of lettuce; yellow vein of celery, ring spot of beet	<i>Abeliophyllum distichum</i> , <i>Allium ascalonicum</i> , <i>Allium cepa</i> (bawang bombai, onion), <i>Allium porrum</i> (leek), <i>Allium sativum</i> , <i>Allium schoenoprasum</i> , <i>Apium graveolens</i> (seledri, celery), <i>Arctium lappa</i> , <i>Armoracia rusticana</i> , <i>Asparagus officinalis</i> , <i>Astilbe arendsi</i> , <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica napus</i> , <i>Brassica oleracea</i> , <i>Brassica napus</i> var. <i>napobrassica</i> (swede), <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), <i>Capsella bursa- pastoris</i> (shepherd's purse), <i>Capsicum</i> spp., <i>Caryopteris incana</i> , <i>Celastrus</i>	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedling/ micropropagated plants), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kultur jaringan (tissue culture), sultur (stolon), tunas (shoots, buds), umbi (bulbs, corms, tubers, rhizomes) Vektor: Longidorus	Asia: India, Japan, Saudi Arabia, Turkey Europe: Albania, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary, Ireland, Lithuania, Moldova, Montenegro, Netherlands, Norway, Poland, Romania, Russia, Serbia, Sweden, Switzerland, Ukraine, United Kingdom (England, Northern Ireland, Scotland)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>orbiculatus, Cerastium vulgatum, Cerastium vulgatum, Crocus spp., Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cucurbita pepo</i> cv. <i>giromontiina, Cynara cardunculus</i> L. var. <i>scolymus</i> (globe artichoke), <i>Daucus carota</i> (wortel, carrot), <i>Fagus sylvatica, Fallopia convolvulus, Forestiera acuminata, Forsythia intermedia, Fragaria, Fragaria ananassa</i> (stroberi, strawberry), <i>Fumaria officinalis, Forsythia intermedia</i> (Golden bells), <i>Gentiana, Geranium dissectum, Gerbera jamesonii, Gladiolus, Gladiolus hybrids</i> (sword lily), <i>Heracleum sphondylium, Herbaceous</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>plant, Juglans regia, Lactuca sativa</i> (selada, lettuce), <i>Lamium amplexicaule</i> (henbit deadnettle), <i>Lygustrum vulgare, Lolium perenne, Lycopsis arvensis,</i> <i>Lycopersicon esculentum</i> (tomat, tomato), <i>Malus domestica, Medicago sativa, Myosotis arvensis, Narcissus</i> <i>spp. (daffodil), Nicotiana tabacum, Pastinaca sativa,</i> <i>Persicaria maculosa, Petroselinum crispum,</i> <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Polygonum aviculare, Populus spp., Prunus avium,</i> <i>Prunus domestica, Prunus dulcis, Prunus persica</i> (persik, peach), <i>Ribes nigrum, Rubus fruticosus, Rubus edaeus, Sambucus nigra</i> (elder), <i>Senecio vulgaris, Solanum</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>Lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Sonchus asper</i> , <i>Spergula arvensis</i> , <i>Spinacia oleracea</i> , <i>Stellaria media</i> , <i>Tarazacum officinale</i> , <i>Trifolium repens</i> , <i>Syringa vulgaris</i> (lilac), <i>Tulipa gesnerina</i> , <i>Tussilago farara</i> , <i>Urtica urens</i> , <i>Verbena officinalis</i> , <i>Veronica persica</i> , <i>Veronica agrestis</i> , <i>Vigna unguiculata</i> , <i>Vitis vinifera</i> (anggur, grapevine)		
118.	Tomato ringspot virus (ToRSV); (Syn. Apple union necrotic nepovirus, blackberry (Himalaya) mosaic virus, Eumonymus chlorotic ringspot virus, Eumonymus ringspot virus, grape yellow	<i>Buddleja davidii</i> (butterfly bush), <i>Capsicum</i> (peppers), <i>Cornus</i> (Dogwood), <i>Cydonia oblonga</i> (quince), <i>Fragaria chiloensis</i> (Chilean strawberry), <i>Gladiolus hybrids</i> (sword lily), <i>Hydrangea</i> (hydrangeas), <i>Lotus</i>	akar (roots), batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences), biji (true seeds, grains),	Africa: Egypt, Togo America: Brazil, Canada, Chile, Colombia, Mexico, Puerto Rico, Peru, USA, Venezuela Asia: China, India, Iran, Japan, Jordan, Lebanon, Oman, Pakistan, Republic of Korea (South Korea), Taiwan, Turkey

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	vein virus, gravein yellow vein virus, Nicotiana 13 virus, peach stem pitting virus, prune brown line virus, prunus stem pitting virus, red currant mosaic virus, tobacco ringspot virus 2, tomato ringspot virus, winter peach mosaic virus); apple union necrosis, chlorosis of pelargonium, grapevine yellow vein peach yellow bud mosaic, prunus stem pitting; redcurrant chlorosis mosaic, yellow blotch curl of raspberry, yellow bud mosaic of peach, yellow vein of grapevine, ringspot of tomato	<i>corniculatus</i> (bird's-foot trefoil), <i>Malus domestica</i> (apel, apple), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Pelargonium</i> sp., <i>Prunus</i> , <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasus</i> (kersen, sour cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Ribes</i> sp., <i>Rubus</i> sp., <i>Rubus idaeus</i> (rasberi, raspberry), <i>Rubus procerus</i> , <i>Sambucus</i> (Elderberry), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, egg plants), <i>Taraxacum officinale complex</i> (dandelion), <i>Vaccinium corymbosum</i> (blueberry), <i>Vitis</i>	daun (leaves), kultur jaringan (tissue culture), tanaman (whole plants), sulur (stolon) Vektor: Dorylaimida: Longidoridae: <i>Xiphinema americanum</i> , <i>Xiphinema rivesi</i>	Europe: Belarus, Croatia, France, Germany, Lithuania, Montenegro, Netherlands, Poland, Russia, Serbia, Spain, Slovakia, United Kingdom. Oceania: Fiji, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		spp. (anggur, grapevine), <i>Vitis vinifera</i> (anggur, grapevine)		
119.	Tomato torrado virus (ToTV); (Syn. tomato torrado torradovirus)	<i>Amaranthus, Atriplex, Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Chenopodium, Datura stramonium</i> (jimsonweed), <i>Malva, Nicotiana benthamiana, Nicotiana glauca, Nicotiana glutinosa, Nicotiana rustica, Physalis floridana, Polygonum, Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum nigrum</i> (leunca, black night shade), <i>Spergularia</i>	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: <i>Bemisia tabaci</i>	Africa: Morocco, South Africa America: Colombia, Equador, Panama Europe: Hungary, Italy, Poland, Spain Oceania: Australia
120.	Watermelon silver mottle virus (WSMoV) (Syn. TSWV-W, watermelon silver mottle topovirus, watermelon silver mottle virus, watermelon	<i>Benincasa hispida</i> (wax gourd), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Citrus lanatus</i> (semangka,	akar (roots), batang (stems, trunks, branches), bibit (seedlings, micropropagated plants), buah (fruits),	Asia: China, India, Japan, Taiwan America: USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	tospovirus, watermelon spotted wilt virus); Watermelon silver mottle disease	watermelon), <i>Solanum lyopersicum</i> (tomat, tomato)	daun (leaves), kultur jaringan (tissue culture) Vektor: <i>Trips palmi</i>	
121.	Wheat streak mosaic virus (WSMV) (Syn.wheat streak mosaic potyvirus, wheat streak mosaic rymovirus, wheat streak mosaic tritimovirus) streak mosaic	<i>Avena sativa</i> (oats, oats), <i>Bromus tectorum</i> (downy brome), <i>Echinochloa crus galli</i> (barnyard grass), <i>Eleusine coracana</i> (finger millet), <i>Eriochloa contracta</i> , <i>Hordeum vulgare</i> (barley), <i>Panicum capillare</i> (tumble panicgrass), <i>Poa pratensis</i> (smooth meadow-grass), <i>Secale cereal</i> (rye), <i>Setaria faberi</i> (giant foxtail), <i>Setaria viridis</i> (green foxtail), <i>Triticum</i> sp., <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i> (jahe, ginger)	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue culture) Vector: Eriophyidae: <i>Aceria tosichella</i>	Africa: Nigeria, Zambia Asia: China, Iran, Jordan, Kazakhstan, Syria, Turkey, Uzbekistan America: Argentina, Brazil, Canada, Mexico, USA Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Germany, Hungary, Italy, Kosovo, Moldova, Montenegro, North Macedonia, Poland, Romania, Russia, Serbia, Slovenia, Slovakia, Spain, Ukraine Oceania: Australia, New Zealand

12. VIROID (*VIROID*)

NO	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1	Apple fruit crinkle apscaviroid (AFCVd); (Syn. apple fruit crinkle viroid)	<i>Cucumis sativus</i> , <i>Diospyros kaki</i> (Japanese persimmon), <i>Diospyros virginiana</i> , <i>Humulus lupulus</i> (hop), <i>Malus domestica</i> (apel, apple), <i>Pyrus communis</i> (pir, pear), <i>Solanum lycopersicum</i> (tomat, tomato)	batang (stems (above ground), trunks, branches), bibit (seedling), daun (leaves), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue culture)	America: USA Asia: Japan

2	Avocado sunblotch avsunviroid (ASBVd); (Syn. avocado sunblotch viroid); avocado sunblotch	<i>Persea americana</i> (alpukat, <i>avocado</i>)	batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), biji (true seeds, grains), bibit (seedlings, micropropagated plants), daun (leaves), kayu (wood), kulit kayu (barks), kultur jaringan (tissue culture), tunas (shoots, buds)	Africa: Ghana, South Africa America: Guatemala, Mexico, Peru, USA, Venezuela Asia: Israel Europe: Greece, Spain Oceania: Australia
3	Coconut cadang-cadang cocadviroid (CCCVd); (Syn. coconut cadang-cadang viroid, palm cadang-cadang viroid); cadang cadang disease, cadang-cadang, yellow mottling of palm	<i>Adonidia merrillii</i> (Manila palm), <i>Areca catechu</i> (betel nut palm), <i>Arenga pinnata</i> (aren, sugar palm), <i>Borassus flabellifer</i> (lontar, toddy palm), <i>Chloris</i> spp. (finger grasses), <i>Chrysalidocarpus lutescens</i> (golden cane palm), <i>Cocos nucifera</i> (kelapa, coconut), <i>Corypha elata</i> (buri palm), <i>Corypha utan</i> (gebang palm), <i>Dyopsis lutescens</i> (palmera), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Livistona rotundifolia</i> (Palem serdang,	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), bibit (seedling, micropropagated plants), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polen (pollens), tanaman (whole plants), kultur	Asia: Malaysia, Philippines Oceania: Solomon Islands

		<p>footstool palm), <i>Metroxylon sagu</i> (sago palm), <i>Oreodoxa regia</i> (royal palm), <i>Phoenix dactylifera</i> (kurma, dates), <i>Ptychosperma macarthurii</i> (Macarthur palm), <i>Roystonea regia</i> (royal palm), <i>Veitchia merrillii</i> (Manila palm), Zingiberacea</p>	<p>jaringan (tissue culture)</p>	
4.	<p>Coconut tinangaja cocadviroid (CTiVd); (Syn. coconut tinangaja viroid); yellow mottle decline</p>	<p><i>Cocos nucifera</i> (kelapa, coconut)</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), bibit (seedling, micropropagated plants), biji (true seeds, grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polen (pollens), buah (fruits), tanaman (whole plants), bibit (seedling, micropropagated plants), kulit kayu (bark), kayu (wood),</p>	<p>Oceania: Guam</p>

			kultur jaringan (tissue culture)	
5.	Hop stunt hostuviroid (HSVd); (Syn. hop stunt viroid, citrus cachexia viroid, citrus viroid II, cucumber pale fruit viroid, dapple plum and peach fruit disease viroid); citrus xyloporosis, little leaf of citrus, stem pitting of sour orange, xyloporosis of citrus, citrus gummy bark viroid, grapevine viroid, hop stunt disease, mulberry vein clearing peach dapple viroid, plum dapple viroid	<i>Ampelopsis brevipedunculata</i> var. <i>maxiwiczii</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantifolia</i> (lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus clementina</i> , <i>Citrus latifolia</i> (Tahiti lime), <i>Citrus limettioides</i> (Palestine sweet lime), <i>Citrus limon</i> (lemon), <i>Citrus limonia</i> (mandarin lime), <i>Citrus macrophylla</i> (alemow), <i>Citrus maxima</i> (pummelo), <i>Citrus medica</i> (citron), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (navel orange), <i>Citrus tankan</i> (tankan Mandarin), <i>Citrus unshiu</i> (satsuma), <i>Citrus volkameriana</i> , <i>Citrus x paradise</i> (grapefruit), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Ficus carica</i> (common fig), <i>Fortunella</i> spp. (kumquats), <i>Fragaria ananassa</i> (strowberi, strawberry), <i>Galinsoga quadriradiata</i> (<i>shaggy</i> soldier), <i>Gynura aurantiaca</i> (Java velvet plant), <i>Hisbiscus rosa-</i>	akar (roots), batang (stems (above ground), trunks, branches), bunga (flowers, inflorescences, cones, calyx), buah (fruits), daun (leaves), kulit kayu (barks), tanaman (whole plants), kultur jaringan (tissue culture)	Africa: Algeria, Egypt, Libya, Morocco, Nigeria, South Africa, Sudan, Tunisia America: Argentina, Brazil, Canada, Chile, Colombia, Cuba, Ecuador, Jamaica, Suriname, Trinidad and Tobago, Uruguay, USA, Venezuela Asia: Azerbaijan, China, India, Iran, Israel, Japan, Jordan, Republic of Korea (South Korea), Lao PDR, Lebanon, Philippines, Saudi Arabia, Syria, Taiwan, Thailand, Turkey, Yemen Europe: Bosnia and Herzegovina, Cyprus, Czechia, France, Germany, Greece, Italy, Kosovo, Portugal, Serbia, Slovakia, Slovenia, Spain Oceania: Australia, New Zealand

		<p><i>sinensis</i> (China rose), <i>Humulus lupulus</i> (hop), <i>Malus domestica</i> (apel, apple), <i>Malus sylvestris</i> (crab apple tree), Morus (mulberry tree), <i>Morus alba</i> (murbei, mulberry), <i>Pistacia vera</i>, <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus cerasus</i>, <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus mume</i>, <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), <i>Punica granatum</i> (pomegranate), <i>Pyrus communis</i> (European pear), <i>Vitis flexuosa</i>, <i>Vitis labrusca</i>, <i>Vitis vinifera</i> (anggur, grapevine), <i>Ziziphus jujuba</i> (common jujube)</p>		
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6.	Peach latent mosaic pelamoviroid (PLMVd); (Syn. peach latent mosaic viroid; prunus virus 5; peach yellow mosaic viroid; peach yellow mosaic; peach blotch; peach virus 6; peach American mosaic disease; peach American mosaic pathogen; peach mosaic; peach calico); American mosaic of peach	<i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, almond), <i>Prunus persica</i> (persik, peach)	akar (roots), buah (fruits), batang (stems (above ground), trunks, branches), bunga (flowers, inflorescences, cones, calyxes), daun (leaves), polen (pollen), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue cultures)	Africa: Algeria, Egypt, Morocco, Tunisia America: Argentina, Canada, Chile, Mexico, USA, Uruguay Asia: China, Iran, Japan, Jordan, Lebanon, Republic of Korea (South Korea), Syria, Turkey Europe: Albania, Austria, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, France, Greece, Italy, Kosovo, Montenegro, North Macedonia, Montenegro, Romania, Serbia, Slovenia, Spain Oceania: Australia, New Zealand
7.	Potato spindle tuber pospiviroid (PSTVd); (Syn. potato spindle viroid, potato spindle tuber viroid, potato gothic virus, tomato bunchy top viroid) bunchy top of tomato, spindle tuber of potato	<i>Brugmansia</i> , <i>Brugmansia suaveolens</i> (white angel's trumpet), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Cestrum</i> (jessamine), <i>Cestrum nocturnum</i> (night jessamine), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lycianthes rantonnetii</i> , <i>Persea americana</i> (alpukat, avocado), <i>Petunia</i> spp., <i>Physalis peruviana</i> (Cape gooseberry), <i>Solanum</i> spp. (nightshade), <i>Solanum anguivi</i> , <i>solanum coagulans</i> , <i>Solanum dasyphyllum</i> ,	<i>biji</i> (true seeds, grains), <i>polen</i> (pollens), <i>umbi</i> (bulbs, corms, tuber), kultur jaringan (tissue cultures)	Africa: Egypt, Ghana, Kenya, Nigeria, Uganda America: Brazil, Costa Rica, Dominican Republic, Mexico, Peru, Venezuela Asia: Afghanistan, Azerbaijan, Bangladesh, China, Georgia, India, Iran, Israel, Japan, Kazakstan, Pakistan, Turkey Europe: Austria, Belarus, Belgium, Croatia, Czechia, Germany, Greece, Hungary, Italy, Malta, Montenegro, Netherlands, Poland, Russia,

		<p><i>Solanum laxum</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum muricatum</i> (melon pear), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Streptosolen jamesonii</i></p>		<p>Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia</p>
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B. JENIS OPTK KATEGORI A2

1. SERANGGA (*INSECTS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Acanthoscelides obtectus</i> Say.; (Syn. <i>Acanthoscelides irresectus</i> Fåhraeus, <i>Acanthoscelides tetricus</i> Gyllenhal, <i>Bruchidius obsoletus</i> , <i>Bruchidius obtectus</i> Say, <i>Bruchus fabae</i> Riley, <i>Bruchus irresectus</i> , <i>Bruchus obsoletus</i> (Say), <i>Bruchus obtectus</i> Say, <i>Bruchus tetricus</i> Gyllenhal, <i>Laria obtectus</i> Say, <i>Larra irresectus</i> , <i>Mylabris obtectus</i> Say); (Coleoptera: Bruchidae);	<i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Phaseolus coccineus</i> (runner bean), Phaseolus (beans), <i>Phaseolus coccineus</i> , <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea)	biji (true seeds (inc. grain))	Indonesia: Jawa, Sulawesi Africa: Angola, Burundi, DR Congo, Egypt, Eswatini, Kenya, Lesotho, Malawi, Mauritius, Morocco, Nigeria, Reunion, Rwanda, Saint Helena, Senegal, Seychelles, South Africa, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guadeloupe, Guatemala, Guyana, Honduras, Haiti Mexico, Nicaragua, Panama, Paraguay, Peru, USA, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	bean bruchid, American seed beetle, bean beetle, bean weevil, common bean weevil, dried bean beetle, dried bean weevil			Asia: Armenia, China, India, Iraq, Iran, Israel, Japan, Kazakhstan, Malaysia, Myanmar, Georgia, Kazakhstan, Malaysia, Myanmar, Tajikistan, Thailand, Turkey, Vietnam Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Czechia, Croatia, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Moldova, North Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Sweden. Oceania: Australia, New Zealand, Papua Nugini
2.	<i>Altha alastor</i> Tams.; (<i>Syn: Pectinarosa alastor</i> (Tams, 1930)); (Lepidoptera: Limacodidae);	<i>Cocos nucifera</i> (kelapa, coconut) dan Palmae lainnya, Bombax (Malvaceae)	batang (stems, trunks, shoots, branches), daun (leaves), bunga (flowers,	Indonesia: Sulawesi

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	ulat siput/slug caterpillar, the moth of borneo		inflorescences, cones, calyx), buah (fruits)	
3.	<i>Amblypelta theobromae</i> Brown; (Hemiptera: Coreidae); coconut bug	<i>Cocos nucifera</i> (kelapa, coconut), <i>Theobroma cacao</i> (kakao, cocoa)	batang (stems, trunks, shoots, branches, daun (leaves), buah (fruits)	Indonesia: Papua Oceania: Papua Nugini
4.	<i>Atherigona soccata</i> Rondani, 1871; (Syn. <i>Atherigona indica</i> Malloch, 1923, <i>Atherigona indica</i> ssp. <i>infusata</i> Emden, 1941, <i>Atherigona varia</i> var. <i>soccata</i> (Rondani) Hennig, 1961); (Diptera: Muscidae); sorghum stem fly, great fly, millet stem fly, millet stem maggot, sorghum shoot fly	<i>Brachiaria reptans</i> (sprawling panicum), <i>Cymbopogon citratus</i> (serai wangi, citronella grass), <i>Cymbopogon ceasius</i> , <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Desmostachya bipinnata</i> (halfa grass), <i>Digitaria sanguinalis</i> (large crabgrass), <i>Digitaria ciliaris</i> (southern crabgrass), <i>Echinochloa colona</i> (junglerice), <i>Echinochloa crus- galli</i> (barnyard grass), <i>Eleusine coracana</i> (jaba, finger's millet), <i>Eleusine indica</i> (goose grass), <i>Eragrostis japonica</i> (delicate lovegrass), <i>Eriochloa procera</i> (tropical cupgrass),	batang (stems)	Indonesia: Maluku Africa: Burkina Faso, DR Congo, Egypt, Ghana, Kenya, Madagascar, Malawi, Mauritius, Morocco, Nigeria, Réunion, South Africa, Sudan, Tanzania, Uganda, Zimbabwe Asia: Bangladesh, China, India, Iraq, Israel, Myanmar, Nepal, Pakistan, Philippines, Saudi Arabia, Sri Lanka, Thailand, Turkey, Vietnam Europe: Italy

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>Megathyrsus maximus</i> (Guinea grass), <i>Panicum antidotale</i> (elbow grass), <i>Panicum miliaceum</i> (millet), <i>Panicum repens</i> (torpedo grass), <i>Paspalum scrobiculatum</i> (ricegrass paspalum), <i>Pennisetum glaucum</i> (bajra, pearl millet), <i>Pennisetum</i> (feather grass), <i>Rottboellia cochinchinensis</i> (itch grass), <i>Setaria intermedia</i>, <i>Setaria pumila</i> (yellow foxtail), <i>Setaria verticillata</i> (bristly foxtail), <i>Sorghum arundinaceum</i>, <i>Sorghum bicolor</i> (sorgum, sorgum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum propinquum</i>, <i>Sorghum purpureosericeum</i>, <i>Triticum aestivum</i> (gandum, wheat), <i>Urochloa brizantha</i> (palisade grass), <i>Urochloa distachya</i>, <i>Zea mays</i> (jagung, corn, maize)</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
5.	<i>Bactrocera bryoniae</i> (Tryon, 1927); (Syn. <i>Chaetodacus bryoniae</i>); (Diptera: Tephritidae); fruit fly	<i>Bryonopsis affinis</i> , <i>Capsicum frutescens</i> (cabai rawit, chilies), <i>Capsicum annuum</i> (chilli), <i>Musa</i> spp. (pisang, banana), <i>Mangifera indica</i> (mangga, mango), <i>Passiflora quadrangularis</i> (markisa, granadilla, passion-fruit)	buah (fruits (inc. pods)), media tanam (growing media associated with plants), tanah (soil)	Indonesia: Bali, Kalimantan, Maluku Utara, Papua Oceania: Australia, French Polynesia, New Caledonia Papua Nugini
6.	<i>Bactrocera musae</i> (Tryon, 1972).; (Syn. <i>Bactrocera</i> (<i>Bactrocera</i>) <i>musae</i> Tryon, 1927, <i>Chaetodacus dorsopicta</i> Tryon, 1927, <i>Chaetodacus dorso-picta</i> Tryon, 1927, <i>Chaetodacus musae</i> Tryon, 1927, <i>Chaetodacus tryoni</i> var. <i>musae</i> Tryon, 1927, <i>Dacus musae</i> Hardy, 1951, <i>Dacus nigrofasciatus</i> Tryon, 1927, <i>Dacus ornatissimus</i> Froggatt, 1909, <i>Strumeta musae</i> May, 1953); (Diptera: Tephritidae);	<i>Carica papaya</i> (pepaya, papaya), <i>Musa</i> spp. (pisang, banana), <i>Musa acuminata</i> (wild banana), <i>Musa banksii</i> (wild banana), <i>Musa x paradisiaca</i> (plaintain), <i>Psidium guajava</i> (jambu biji, guava), <i>Ximenia americana</i> (hog plum)	buah (fruit (inc. pods), media tanam (growing media accompanying plants), tanah (soil)	Indonesia: Jawa (Jawa Barat), Kalimantan, Maluku, Lombok, Sulawesi, Papua Asia: Philippines Oceania: Australia, Papua Nugini, Solomon Islands

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	banana fruit fly			
7.	<i>Bactrocera occipitalis</i> (Bezzi); (Syn. <i>Chaetodacus ferrugineus</i> var. <i>occipitalis</i> Bezzi, <i>Chaetodacus occipitalis</i> Bezzi, 1919, <i>Dacus dorsalis</i> var. <i>occipitalis</i> (Bezzi), <i>Dacus occipitalis</i> (Bezzi), <i>Strumeta pedestris</i> var. <i>occipitalis</i> (Bezzi)); (Diptera: Tephritidae)	<i>Averrhoa carambola</i> (belimbing, carambola, star fruit), <i>Citrus reticulata</i> (jeruk mandarin, mandarin, tangerine, mandarin orange), <i>Mangifera indica</i> (mangga, mango), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Psidium guajava</i> (jambu biji, guava), <i>Spondias purpurea</i> (hog plum, red mombin)	buah (fruit (inc. pods), media tanam (growing media associated with plants), tanah (soil)	Indonesia: Kalimantan Asia: Brunei Darussalam, Malaysia, Philippines
8.	<i>Chaetanaphothrips orchidii</i> (Moulton); (Syn. <i>Anaphothrips orchidii</i> , <i>Euthrips orchidii</i> , <i>Physothrips orchidii</i> , <i>Taeniothrips orchidii</i>); (Thysanoptera: Thripidae); anthurium thrips, orchid thrips	<i>Acer palmatum</i> , <i>Adiantum</i> (japanese maple), <i>Adiantum</i> (maidenhair ferns), <i>Allium</i> (onions, garlic, leek, etc), <i>Amaranthus</i> (grain amaranth), <i>Anthurium andreaeanum</i> , <i>Alternanthera</i> (joyweed), <i>Bougainvillea</i> , <i>Begonia</i> , <i>Chrysanthemum</i> (daisy), <i>Citrus reticulata x paradisi</i> (tangelo), <i>Citrus sinensis</i>	batang (stems, shoots, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), tanah (soil)	Indonesia: Jawa Africa: Mauritius, Sao Tome and Principe America: Argentina, Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, Grenada, Guadeloupe, Honduras, Jamaica, Mexico, Puerto Rico, Saint Lucia, Suriname, Trinidad and Tobago, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		(sweet orange, navel orange), <i>Citrus x paradisi</i> (jeruk bali, pommelo, grapefruit), <i>Citrus</i> spp. (jeruk, orange), <i>Coix lacryma-jobi</i> (jail, Job's tears), <i>Cryptotaenia canadensis</i> , <i>Euphorbia</i> (spurges), <i>Epiphyllum</i> , <i>Ipomoea batatas</i> (ubi jalar, sweetpotato), <i>Iresine</i> (blood-leaf), <i>Litchi sinensis</i> (leci, lychee), <i>Lycopersicon</i> , <i>Musa</i> spp. (pisang, banana), <i>Passiflora</i> (passion flower), <i>Paspalum conjugatum</i> (sour paspalum), Piper (pepper), <i>Pisonia</i> , <i>Petroselinum crispum</i> (peterseli, parsley), Orchid, ornamental plants, <i>Zea mays</i> (jagung, corn, maize)		Asia: China, India, Malaysia, Nepal, Sri Lanka, Japan, Taiwan Europe: Czechia, France, Germany, Italy, Norway, Poland, Sweden Oceania: Australia, Tonga
9.	<i>Chrysomphalus aonidum</i> (Linnaeus, 1758); (Syn. <i>Aonidiella ficorum</i> Ashmead, <i>Aspidiotus</i> (Chrysomphalus) <i>aonidum</i>)	<i>Asparagus officinalis</i> (asparaga, asparagus), <i>Carica papaya</i> (pepaya, papaya), <i>Camelia sinensis</i> (teh, tea), <i>Cinnamomum verum</i>	batang (stems, shoots, branches), daun (leaves), buah (fruits (inc. pods))	Indonesia: Jawa, Sulawesi, Sumatera Africa: Algeria, Burundi, Comoros, Egypt, Ethiopia, Guinea, Kenya, Madagascar,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Linnaeus) Hempel, 1900, <i>Aspidiotus</i> (Chrysomphalus) <i>ficus</i> (Ashmead) Berlese, 1896, <i>Aspidiotus aonidum</i> (Linnaeus) Cockerell, 1905, <i>Aspidiotus ficorum</i> Ashmead, <i>Aspidiotus ficus</i> (Ashmead) Comstock, 1881, <i>Chrysomphalus ficus</i> Ashmead, 1880, <i>Coccus aonidum</i> Linnaeus, 1758); (Hemiptera: Diaspididae); red scale, Sircular black scale, black scale, circular black scale, circular purple scal, citrus black scale	(cinnamon), <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantiifolia</i> (lime), <i>Citrus limon</i> (lemon), <i>Citrus maxima</i> (pummelo), <i>Citrus sinensis</i> (navel orange), <i>Citrus x paradisi</i> (grapefruit), <i>Cocos nucifera</i> (kelapa, coconut), <i>Dracaena</i> , <i>Dracaena reflexa</i> , <i>Gossypium hirsutum</i> (kapas, cotton), Lauraceae, Palmaceae, <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Musa</i> spp. (pisang, banana), <i>Musa x paradisiaca</i> (plantain), <i>Phoenix dactylifera</i> (kurma, date-palm), <i>Pinus merkusii</i> (pinus, pinetree), <i>Pinus</i> (pines), <i>Yucca decipiens</i>		Malawi, Mauritius, Morocco, Mozambique, Nigeria, Réunion, Senegal, Seychelles, South Africa, Spain, Sudan, Tanzania, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, Bermuda, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, French Guiana, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Panama, Paraguay, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, United States Virgin Islands, Uruguay, Venezuela Asia: Bhutan, British Indian Ocean Territory, China, DPR Korea (North Korea), Hong Kong, India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Malaysia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				<p>Myanmar, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Thailand, Turkey, Vietnam, Yemen</p> <p>Europe: Belgium, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, France, Germany, Greece, Hungary, Italy, Kosovo, Malta, Montenegro, North Macedonia, Netherlands, Poland, Portugal, Romania, Spain, Serbia, Slovenia</p> <p>Oceania: American Samoa, Australia, Cook Islands, Federated States of Micronesia, Fiji, French Polynesia, Kiribati, New Caledonia, Niue, Papua Nugini, Samoa, Solomon Islands, Tuvalu</p>
10.	<i>Chrysomphalus dictyospermi</i> (Morgan, 1889);	Acacia (wattles), <i>Acer palmatum</i> (Japanese maple), Agave, Aloe (grey alder),	batang (stems (above ground), shoots, trunks, branches),	Indonesia: Jawa, Papua, Sumatera

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Syn. <i>Aspidiotus</i> (<i>Chrysomphalus</i>) <i>dictyospermi</i> (Morgan) Cockerell, 1897, <i>Aspidiotus</i> <i>agrumicula</i> De Gregorio, 1915, <i>Aspidiotus arecae</i> (Newstead) Cockerell, 1894, <i>Aspidiotus dictyospermi</i> Morgan, 1889, <i>Aspidiotus</i> <i>dictyospermi jamaicensis</i> Cockerell, 1894, <i>Aspidiotus</i> <i>dictyospermi</i> var. <i>arecae</i> Newstead, 1893, <i>Aspidiotus</i> <i>jamaicensis</i> (Cockerell) Ferris, 1941, <i>Aspidiotus mangiferae</i> Cockerell, 1893, <i>Chrisomphalus dictyospermi</i> Yasnosh, 1995, <i>Chrysomphalus arecae</i> (Newstead) Malenotti, 1916, <i>Chrysomphalus castigatus</i> Mamet, 1936, <i>Chrysomphalus</i> <i>dictyospermatis</i> Lindinger,	<i>Annona</i> , <i>Araucaria angustifolia</i> (Paraná pine), <i>Artocarpus</i> (breadfruit trees), <i>Asparagus</i> , <i>Albizia julibrissin</i> (silk tree), <i>Areca</i> , <i>Areca catechu</i> (pinang, betelnut-pam), <i>Bambusa</i> <i>vulgaris</i> (common bamboo), <i>Buxus</i> (box), <i>Cactaceae</i> (cacti), <i>Camellia</i> , <i>Carica papaya</i> (pepaya, papaw), <i>Ceratonia</i> <i>siliqua</i> (locust bean), <i>Cinnamomum</i> , <i>Colocasia</i> , <i>Crataegus</i> (hawthorns), <i>Cupressus macrocarpa</i> (monterey cypress), <i>Cycas</i> , <i>Cymbidium</i> , <i>Cypripedium</i> , <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantiifolia</i> (lime), <i>Citrus aurantium</i> (sour orange), <i>Citus maxima</i> (pummelo), <i>Citrus sinensis</i> (navel orange), <i>Citrus unshiu</i> (satsuma), <i>Citrus x paradisi</i> (grapefruit), <i>Cocos nucifera</i>	daun (leaves), buah (fruits (inc. pods), kulit kayu (bark), bunga (flowers, inflorescences, cones, calyx)	Africa: Algeria, Angola, Benin, Cameroon, Cape Verde, Comoros, Congo, DR Congo, Egypt, Eritrea, Ethiopia, Guinea, Ivory Coast, Kenya, Libya, Madagascar, Mozambique, Mali, Mauritius, Morocco, Niger, Nigeria, Réunion, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe. America: Argentina, Bahamas, Barbados, Bermuda, Brazil, Bolivia, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Ecuador, Grenada, Guadeloupe, Guatemala, Guyana, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Lucia, Suriname, Trinidad and Tobago, USA, Uruguay, US Virgin Islands, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	1949, <i>Chrysomphalus jamaicensis</i> (Cockerell) Malenotti, 1917, <i>Chrysomphalus jamaucebsis</i> Chou, 1895, <i>Chrysomphalus mangiferae</i> (Cockerell) Leonardi, 1899, <i>Chrysomphalus minor</i> Berlese, 1896); (Hemiptera: Diaspididae); dictyospermum scale, Morgan's scale, palm scale, red scale, Spanish, red scale, western, Spanish red scale, western red scale	(kelapa, coconut), <i>Dracaena</i> , <i>Dendrobium</i> , <i>Dictyosperma</i> , <i>Diospyros</i> (malabar ebony), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Erythrina variegata</i> (Indian coral tree), <i>Eucalyptus</i> (<i>Eucalyptus</i> tree), <i>Eugenia</i> , <i>Euphorbia regis-jubae</i> , <i>Ficus</i> , <i>Fraxinus</i> (ashes), <i>Grevillea</i> , <i>Hedera</i> (Ivy), <i>Hibiscus syriacus</i> (shrubby althaea), <i>Howea forsteriana</i> (paradise palm), <i>Howea</i> , <i>Olea</i> (olive), <i>Olea europaea</i> subsp. <i>europaea</i> (zaitun, olive), <i>Latania</i> , <i>Laurus</i> (laurel), <i>Ligustrum</i> (rivet), <i>Macadamia tetraphylla</i> (rough-shell macadamia nut), <i>Malus</i> (ornamental species apple), <i>Mangifera indica</i> (mangga, mango), <i>Manihot</i> , <i>Musa</i> (pisang, banana), <i>Musa x paradisiaca</i> (pisang kepok,		Asia: Armenia, Azerbaijan, Cambodia, China, Georgia, Hong Kong, India, Iran, Iraq, Israel, Japan, Kazakhstan, Kyrgyzstan, Lao PDR (Laos), Lebanon, Malaysia, Mongolia, Myanmar, Philippines, Republic of Korea (South Korea), Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Turkey, Turkmenistan, Uzbekistan, Vietnam Europe: Albania, Bulgaria, Belarus, Bosnia and Herzegovina, Czechia, Croatia, Estonia, France, Georgia, Germany, Greece, Italy, Latvia, Lithuania, Portugal, Poland, Malta, Moldova, Montenegro, North Macedonia, Kosovo, Ukraine, Russia, Romania, Serbia, Slovenia, Spain, Slovakia, United Kingdom Oceania: American Samoa, Australia, Federated States of Micronesia, Cook Islands, Fiji,

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		plantain), <i>Monstera deliciosa</i> (ceriman), Morus (mulberrytree), Myristica (nutmeg), <i>Nerium oleander</i> (oleander), Palmaceae lainnya, Phoenix (date palm), Phormium, Pinus (pines), Pistacia, <i>Persea americana</i> (alpukat, avocado), <i>Plumeria</i> , Plumeria (frangipani), Pittosporum, Platanus (planes), Populus (poplars), Prunus (stone fruit), <i>Psidium guajava</i> (guava), Punica, Pyrus (pears), Quercus (oaks), Rhamnus (Buckthorn), Roystonea, Ruscus, Rute (rue), <i>Rosa</i> (roses), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Syzygium malaccense</i> (jambu bol, malay-apple), Solanaceae, Salix (willows), Sida, Sophora, Spondias (purple mombin), Strelitzia, <i>Taxus baccata</i>		French Polynesia, Guam, Johnston Island, Kiribati, Marshall Islands, New Caledonia, Niue, Norfolk Island, Northern Mariana Islands, Palau, Papua Nugini, Samoa, Solomon Islands, Tonga, Tuvalu .

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(english yew), Tamarindus, <i>Thuja occidentalis</i> (Eastern white cedar), <i>Thuja occidentalis</i> (Eastern white cedar), <i>Vanilla planifolia</i> (vanilla), <i>Vitis vinifera</i> (grapevine), Xanthosoma (cocoyam), Yucca, <i>Zingiber officinale</i> (jahe, ginger)		
11.	<i>Cicadulina bipunctata</i> (Melichar); (Syn. <i>Cicadulina bipunctata bipunctella</i> , <i>Cicadulina bipunctella</i> , <i>Cicadulina bipunctella zae</i> , <i>Cicadulina zae</i> , <i>Gnathodus bipunctata</i>); (Hemiptera: Cicadellidae); maize leaf hopper, sorghum jassid	<i>Oryza sativa</i> (padi, paddy, rice), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize), <i>Avena sativa</i> (oats), <i>Avena strigosa</i> (black oat), <i>Chloris gayana</i> (Rhodes grass), Citrus, <i>Dactylis glomerata</i> (cockfood), <i>Digitalia ciliaris</i> (southern crabgrass), <i>Echinochloa crusgalli</i> (barnyard grass), <i>Eleusin indica</i> (goose grass), <i>Hordeum vulgare</i>	batang (stems), daun (leaves)	Indonesia: Jawa (Jawa Barat), Kalimantan (Kalimantan Barat, Kalimantan Timur) Africa: Egypt, Ethiopia Asia: India, China, Japan, Philippines, Syria, Taiwan, Turkey Europe: Italy Oceania: Australia, Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(barley), <i>Paspalidium flavidum</i> , <i>paspalum distichum</i> (knotgrass), poaceae (grasses), sasa, <i>Setaria viridis</i> (gree foxtail), <i>Sorghum halepense</i> (johnson grass), <i>Sorghum sudanense</i> (sudan grass), <i>Urochloa distacya</i> (signal grass), <i>Zea mays</i> subsp. <i>mays</i> (sweetcorn)		
12.	<i>Stenosiplosis sorghicola</i> (Coquillett); (Syn. <i>Contarinia sorghicola</i> (Coquillett, 1899), <i>Contarinia saltata</i> , <i>Contarinia andropogonis</i> , <i>Contarinia palposa</i> , <i>Diplosis sorghicola</i> , <i>Allocontarinia sorghicola</i>); (Diptera: Cecidomyiidae); ganjur (sorghum)/Sorghum midge, dura gall midge, jola earhead fly	<i>Sorghum arundinaceum</i> , <i>Sorghum dochna</i> , <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (sudan grass), <i>Sorghum bicolor</i> (sorghum, sorghum), rerumputan (<i>Triodia flava</i> , <i>Setaria qlauce</i> , <i>Andropogon gayanus</i>)	biji (true seed (inc. grain)), bunga (flowers, inflorescences, cones, calyx)	Indonesia: Jawa Africa: Benin, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, DR Congo, Ethiopia, Gambia, Ghana, Kenya, Malawi, Mali, Mauritius, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Antigua and Barbuda, Argentina, Barbados, Brazil, Colombia, Cuba, Curaçao, Dominica, El Salvador, Grenada,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Guadeloupe, Guatemala, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, USA, US Virgin Islands, Uruguay, Venezuela Asia: India, Iran, Japan, Myanmar, Pakistan, Philippines, Sri Lanka, Thailand, Yemen Europe: France, Italy, Russia Oceania: Australia, Fiji, New Caledonia, Papua New Guinea
13.	<i>Coptocercus biguttatus</i> (Donovan, 1805); (Syn. <i>Sternocorus biguttaus</i> Donovan, 1805, <i>Coptocercus decorus</i> Perroud, 1855); (Coleoptera: Cerambycidae)	<i>Myristica fragrans</i> (pala, nutmeg), <i>Syzygium aromaticum</i> (cengkeh, clove)	batang (stems, trunks, shoots), ranting (branches)	Indonesia: Pulau Ambon, Pulau Seram Oceania: Australia, Papua New Guinea
14.	<i>Coptotermes gestroi</i> (Wasmann, 1896);	Albizia, Pinus, Hevea, other wood	batang (stems (above ground), shoots,	Indonesia: Jawa Africa: Madagascar, Mauritius, Mayotte, Reunion

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	(Syn. <i>Coptotermes havilandi</i> , <i>Coptotermes heimi</i> , <i>Coptotermes javanicus</i> , <i>Coptotermes obliquus</i> , <i>Coptotermes pacificus</i> , <i>Coptotermes parvulus</i> , <i>Coptotermes vastator</i> , <i>Coptotermes yaxianensis</i>) (Isoptera: Rhinotermitidae); Asian subterranean termite, Philippine milk termite		trunks, branches), kayu (woods) bark	America: Antigua and BarbudaBarbados, British Virgin Islands, Brazil, Cayman Islands, Cuba, Haiti, Jamaica, Mexico, Montserrat, Puerto Rico, Paraguay, St Kitts and Nevis, Turks and Caicos Islands, USA, US Virgin Islands Asia: China, India, Malaysia, Myanmar, Philippines, Singapore,Taiwan, Thailand Europe: Italy Oceania: Federated States of Micronesia, French Polynesia, Fiji, Guam, Marshall Islands, United States Minor Outlying Islands (Midway Islands)
15.	<i>Cryptophasa watungi</i> Watung, 2014; (Lepidoptera: Xyloryctidae)	<i>Syzygium aromaticum</i> (cengkeh, clove)	batang (stems (above ground), shoots, branches)	Indonesia: Sulawesi (Sulawesi Utara)
16.	<i>Dalbulus maidis</i> DeLong & Wolcott;	Tripsacum (gamagrass), <i>Zea mays</i> (jagung, corn, maize), <i>Zea</i> spp.	daun (leaves), batang (stems (above ground), shoots, branches)	Indonesia: Sulawesi (Sulawesi Tengah)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Syn. <i>Baldulus maidis</i> DeLong & Wolcott, <i>Cicadula maidis</i> DeLong & Wolcott) (Hemiptera: Cicadellidae); corn leafhopper; maize leafhopper			America: Argentina, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Suriname, USA, Venezuela
17.	<i>Darna bradleyi</i> Holloway; (Syn. <i>Ploneta bradleyi</i>); (Lepidoptera: Limacodidae); ulat api, fire worm	<i>Elaeis guineensis</i> (kelapa sawit, oil palm)	batang (stems (above ground), trunks, shoots, branches), daun (leaves)	Indonesia: Sumatera
18.	<i>Darna catenatus</i> (Snellen); (Syn. <i>Orthocraspeda catenata</i> (Snellen), <i>Orthocraspeda catenatus</i>); (Lepidoptera: Limacodidae)	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Metroxylon sagu</i> (palem sagu, sago palm)	daun (leaves)	Indonesia: Sulawesi, Papua
19.	<i>Diaspidiotus perniciosus</i> (Comstock) Cockerell, 1899, Danzig, 1993; (= <i>Aonidia fusca</i> = <i>Aonidiella fusca</i> = <i>A. perniciosus</i> = <i>Aspidiotus (Comstockaspis) perniciosus</i> = <i>A. (Diaspidiotus)</i>)	Acacia (wattles), Acer (maples), Actinidia, Aesculus (buckeye), Alanthus, Akebia, Albizia, Alnus (alders), Aloe (grey alders), Althea (hollyhocks), Amelanchier (serviceberries), Ampelopsis, Antirrhinum	batang (stems (above ground), trunks, shoots, branches), daun (leaves), buah (fruits), stalk	Indonesia: Jawa (Jawa Timur) Africa: Algeria, Angola, DR Congo, Congo, Morocco, South Africa, Tunisia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Cuba,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>andromelas</i> =A. (<i>Diaspidiotus</i>) <i>perniciosus</i> =A. (<i>Hemiberlesiana</i>) <i>perniciosus</i> =A. <i>perniciosus</i> =A. <i>albopunctatus</i> =A. <i>fuscus</i> =A. <i>perniciosus</i> =<i>Comstockaspis</i> <i>perniciosus</i> =<i>Diaspidiotus</i> <i>perniciosus</i> =<i>Hemiberlesia</i> <i>perniciosus</i> =<i>Quadraspidotus</i> <i>perniciosus</i> =<i>Q.perniciosus</i>); (Hemiptera: Diaspididae); California scale, Chinese scale, <i>perniciosus</i> scale, San José scale</p>	<p>(snapdragon), Aralia, Arbutus, Aristolochia (dutchman's pipe), Asclepias (Silkweed). <i>Asparagus officinalis</i> (asparagus), Aster, Aucuba, Baccharis, Bambusa (bamboo), Berberis (barberries), Betula (birches), Bignonia, Buddleia (Butterflybush), Buxus (box), Callistemon (Bottle brush), Camelia, Canna, Caragana, Carpinus (hornbeams), Carya (hickories), Caryopteris (blue- beard), Castanea (chestnut), Catalpa, Ceanothus (white- thorn), Cedrus (cedars), Celtis (nettle tree), Cephalanthus (buttonbush), Cercis (redbud), Chaenomeles (flowering quinces), Chamaecyparis (false cypress), Chrysanthemum (daisy), Cinnamomum, <i>Citrus</i> spp.(jeruk, orange), Clarastis, Clematis, Cleodendrum</p>		<p>Ecuador, Mexico, Paraguay, Peru, USA, Uruguay, Venezuela Asia: Armenia, Azerbaijan, Afghanistan, Bangladesh, Bhutan, Brunei, China, DPR Korea (North Korea), Georgia, India, Iran, Iraq, Japan, Jordan, Kazakhstan, Kyrgystan, Nepal, Pakistan, Republic of Korea (South Korea), Tajikistan, Taiwan, Tajikistan, Thailand, Turkey, Uzbekistan, Vietnam, Yemen Europe: Albania, Austria, Belgium, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Malta, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain,</p>

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		(Fragrant clerodendron), Convolvulus (morning glory), Cornus (Dogwood), Corylopsis, Corylus, Cotoneaster, Crataegus (hawthorns), Cupressus (cypresses), Cydonia (quince), Cytisus (Broom), Dahlia, Daphne, Daucus (carrot), Deutzia, Diervilla (bush-honeysuckle), Diospyros (malabar ebony), Eleagenus, Erica (heaths), Erigeron (Fleabane). Eriobotrya, Eucalyptus, Euonymus, Euphorbia (spurges), Fagus (beeches), Ficus, Forsythia (golden bells), Fragaria (Strawberry), Fraxinus (ashes), Gaylussacia (huckleberry), Genista (broom), Ginkgo, Gymnocladus, Hamamelis (witchhazel), Hedera (Ivy), Hibiscus (rosemallows), Hydrangea		Switzerland, Ukraine, United Kingdom. Oceania: Australia, New Zealand

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		(hydrangeans), Hypericum (st Johnsworts), Ilex (Holly), Inula (Elecampene), Jasminum (jasmine), Juglans (walnuts), Juniperus (junipers) Kalmia (laurel), Kerria, <i>Laburnum anaryroides</i> (laburnum), Lagerstroemia, Larix (larches), Laurus (laurel), Lespedeza, Ligustrum (privet), Liliium (lily), Linderia (spicebush), Liquidambar (amber tree), Liriodendron (tulip tree), Lonicera (honeysuckles), Lycium (boxthorn), Maclura (osage-orange), Magnolia, Mahonia (holly grape), <i>Malus domestica</i> (apel, apple), Malva, Mesembryanthemum, Mespilus (medlar), Morus (mulberrytree), Myrica (waxmyrtles), Myrtus (myrtle), Nerium (oleander), Nyssa (tupelo), Olea (olive), Ostrya, Paeonia (peonies),		

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		Panicum (millets), Paulownia, Persea, Petroselinum (parsley), Phellodendron (cork tree), Philadelphus, <i>Philadelphus coronarius</i> (mock orange), Phlox, Physocarpus, Picea (spruces), Pinus (pines), Piper (pepper), Pittosporum, Platanus (planes), Polygonum (knotweed), Poncirus, Populus (poplar), Potentilla (Cinquefoil), Prunus (stone fruit), <i>Prunus avium</i> (sweet cherry), <i>Prunus cerasus</i> (ceri, cherry), <i>Prunus domestica</i> (plum), <i>Prunus laurocerasus</i> (cherry laurel), <i>Prunus persica</i> (persik, peach), <i>Prunus salicina</i> (Japanese plum), Ptelea, Punica, Pyracantha (Firethorn), Pyrus (pears), <i>Pyrus communis</i> (European pear), Rhododendron (Azalea), Rhus (Sumach), Ribes (currant),		

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		Ricinus, Salix (willows), Sambucus (Elderberry), Sassafras, Schinus (pepper tree), Sciadopitys, Smilax (greenbriar), Solanum (nightshade), Sophora, Sorbaria, Sorbus (rowan), Spartium, Spiraea, Stephanandra, Symphoricarpos (snowberry), Tamarix (tamarisk), Taxodium (pondcypress), Taxus (yew), Tecoma, Ternstroemia, Thuja, Tilia (limes), Trachelospermum, Tsuga (hemlocks), Ulmus (elms), <i>Urtica</i> spp., Vaccinium (blueberries), Vivurnum, Vinca (periwinkle), Vitex, Wisteria, Yucca <i>Vitis vinifera</i> (anggur, grapevine), <i>Prunus persica nectarina</i> (nektarin, nectarine), buah batu (stone fruit)		
20.	<i>Dihammus rusticator</i> Fisher, 1935;	<i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea</i> spp. (kopi, coffee), <i>Jatropha</i> sp.	batang (stems (above ground), trunks, shoots, branches),	Indonesia: Sumatera

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	(Syn. <i>Acalolepta fistulator</i> (Germar), <i>Acalolepta rusticator</i> (Fabricius), <i>Dihammus fistulator</i> Germar, <i>Monochamus fistulator</i> (Germ.), <i>Monohammus fistulator</i> (Germ.)); (Coleoptera: Cerambycidae); penggerek batang/stem borer	(jarak iri, Barbados nut tree), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Theobroma cacao</i> (kakao, cocoa), <i>Solanum melongena</i> (terung, aubergine, eggplant)	daun (leaves), akar (roots)	
21.	<i>Dorysthenes buqueti</i> (Guerin-Meneville, 1844); (Syn. <i>Lophosternus buqueti</i>); (Coleoptera: Cerambycidae); longhorn beetle, cane boring grub sugarcane longhorn stem borer	<i>Bambusa vulgaris</i> (common bamboo), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Spondias pinnata</i> (kedondong, otaheite apple), <i>Leucaena glauca</i> (lamtoro gung, horse tamarind), <i>Manihot esculenta</i> (ubi kayu, cassava)	batang (stems (above ground), trunks, branches), daun (leaves)	Indonesia: Jawa (Jawa Barat) Asia: India, Lao PDR (Laos), Malaysia, Myanmar, Thailand
22.	<i>Frankliniella occidentalis</i> (Pergande); (Syn. <i>Euthrips helianthi</i> Moulton, 1911, <i>Euthrips occidentalis</i> Pergande, 1895,	<i>Allium ascalonicum</i> (bawang merah, shallot), <i>Amaranthus palmeri</i> (palmer amaranth), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Beta vulgaris</i>	batang (stems (above ground), shoots, trunks, branches), daun (leaves), bunga (flowers,	Indonesia: Jawa (Jawa Barat) Africa: Algeria, Burkina Faso, Egypt, Eswatini, Kenya, Morocco, Reunion, South Africa, Tunisia, Uganda, Zimbabwe

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	<p><i>Euthrips tritici</i> var. <i>californicus</i> Moulton, 1911, <i>Frankliniella californica</i> Moulton, <i>Frankliniella canadensis</i> Morgan, 1925, <i>Frankliniella chrysanthemi</i> Kurosawa, 1941, <i>Frankliniella claripennis</i> Morgan, 1925, <i>Frankliniella conspicua</i> Moulton, 1936, <i>Frankliniella dahliae</i> Moulton, 1948, <i>Frankliniella dianthi</i> Moulton, 1948, <i>Frankliniella helianthi</i> (Moulton), <i>Frankliniella moultoni</i> Hood, <i>Frankliniella nubila</i> Treherne, 1924, <i>Frankliniella occidentalis</i> f. <i>brunnescens</i> Priesner, 1932, <i>Frankliniella occidentalis</i> f. <i>dubia</i> Priesner, 1932, <i>Frankliniella syringae</i> Moulton, 1948, <i>Frankliniella trehernei</i> Morgan, <i>Frankliniella tritici maculata</i></p>	<p>(bit, beetroot), <i>Begonia</i> spp., <i>Brassica oleracea capitata</i> (kubis, cabbage), Cucurbitaceae, <i>Carthamus tinctorius</i>, <i>Citrus x paradise</i> (grapefruit), <i>Capsicum annum</i> (cabai besar, paprika, bell-pepper), <i>Cyclamen</i> spp., <i>Dahlia</i> spp., <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Euphorbia pulcherrima</i>, <i>Ficus carica</i> (ara, fig), <i>Fuchsia</i> sp., <i>Fragaria vesca</i> (wild strawberry), <i>Gossypium barbadens</i> (kapas, cotton), <i>Gerbera jamesonii</i>, <i>Geranium</i> spp., <i>Gladiolus hybrids</i>, <i>Gypsophila</i>, <i>Hibiscus</i>, <i>Impatiens</i>, <i>Kalanchoe</i>, <i>Lactuca sativa</i> (selada, lettuce), <i>Limonium sinuatum</i>, <i>Lisianthus</i> spp., <i>Lathyrus odoratus</i>, <i>Leucaena</i></p>	<p>inflorescences, cones, calyx), buah (fruits), bibit (seedlings, micropropagated plants)</p>	<p>America: Argentina, Brazil, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Guadeloupe, Guatemala, Guyana, Martinique, Mexico, Panama, Peru, Puerto Rico, Uruguay, USA, Venezuela Asia: China, India, Iran, Israel, Japan, Republic of Korea (South Korea), Kuwait, Lebanon, Malaysia, Myanmar, Philippines, Qatar, Singapore, Sri Lanka, Taiwan, Turkey Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain,</p>

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	Priesner, 1925, <i>Frankliniella tritici</i> var. <i>moultoni</i> Hood, 1914, <i>Frankliniella umbrosa</i> Moulton, 1948, <i>Frankliniella venusta</i> Moulton, 1936); (Thysanoptera: Thripidae); western flower thrips, alfalfa thrips, flower thrips, western (USA) grass thrips	<i>leucocephala</i> (lamtoro, wild tamarind), <i>Malus domestica</i> (apel, apple), <i>Medicago sativa</i> (alfalfa, lucerne), Orchidaceae (anggrek, orchid), <i>Petroselinum crispum</i> (parslei, parsley), <i>Pisum sativum</i> (kapri, sweet pea), <i>Prunus americana</i> (aprikot, apricot), <i>Prunus domestica</i> (prem, plum), <i>Prunus persica</i> var. <i>nucipersica</i> (nektarin, nectarine), <i>Prunus persica</i> (persik, peach), <i>Purshia tridentata</i> , <i>Raphanus raphanistrum</i> , <i>Rhododendron</i> spp. (azalea), <i>Rosa</i> spp. (mawar, rose), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Salvia</i> spp., <i>Secale cereale</i> (rye), <i>Sinapis arvensis</i> , <i>Sinningia speciosa</i> , <i>Saintpaulia ionantha</i> , <i>Solanum melongena</i> (terung, aubergine,		Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand

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		eggplant), <i>Sonchus</i> spp., <i>Syzygium aquea</i> (jambu air, star apple), <i>Trifolium</i> spp., <i>Triticum aestivum</i> (gandum, wheat), <i>Vitis vinifera</i> (anggur, grapevine), <i>Vigna</i> spp. (cowpea), <i>Zinnia</i> spp.		
23.	<i>Helopeltis antonii</i> Signoret, 1858; (Hemiptera: Miridae); tea bug, tea mosquito	<i>Anacardium occidentale</i> (cashew nut), <i>Azadirachta</i> <i>indica</i> (nimba, neem tree), <i>Camellia sinensis</i> (teh, tea), <i>Cinchona officinalis</i> , <i>Persea</i> <i>americana</i> (alpukat, avocado), <i>Pimenta doica</i> , <i>Piper nigrum</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima, pomegranate, <i>Theobroma cacao</i> (kakao, cocoa), <i>Vitis vinifera</i> (anggur, grapevine)	buah (fruits (inc. pods)), daun (leaves), biji (seeds), batang (stems), titik tumbuh (growing point)	Indonesia: Jawa Asia: India, Myanmar, Sri Lanka, Vietnam
24.	<i>Heterobostrychus aequalis</i> (Waterhouse); (Coleoptera; Bostrichidae);	<i>Camelia sinensis</i> (teh, tea), <i>Ceiba pentandra</i> (kapuk, kapok), <i>Forest trees</i>	batang (stems), kayu (woods)	Indonesia: Jawa, Bali Africa: Comoros, Egypt, Nigeria, Seychelles, Madagascar

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	powder post beetle, kapok borer			Asia: Bangladesh, Bhutan, China, India, Israel, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand, Timor Leste America: Bahamas, Barbados, Cuba, USA, Suriname Europe: Sweden, Oceania: Australia, Christmas Island, Guam, New Caledonia, Northern Mariana Islands, Papua New Guinea, Solomon Islands
25.	<i>Hexamitodera semivelutina</i> Heller.; (Coleoptera: Cerambycidae); penggerek batang (cengkeh)/stem borer	<i>Syzygium aromaticum</i> (cengkeh, clove), <i>Syzygium</i> spp., <i>Eugenia</i> spp., Myrtaceae, <i>Psidium guajava</i> (jambu biji, guava)	batang (stems)	Indonesia: Jawa, Sulawesi, Maluku, Sumatera Asia: Brunei Darussalam
26.	<i>Icerya purchasi</i> Maskell.; (Syn. <i>Pericerya purchasi</i>); (Hemiptera: Monophlebidae); cottony cushion scale	<i>Acacia</i> (wattles), <i>Acacia confusa</i> , <i>Acalypha</i> (copperleaf), <i>Albizia julibrissin</i> (silk tree), <i>Acacia dealbata</i> (acacia bernier), <i>Albizia procera</i> (white siris), <i>Baccharis</i> , Begonia,	batang (stems), daun (leaves)	Indonesia: Jawa, Kalimantan, Sulawesi, Sumatera, Papua Africa: Algeria, Angola, Benin, Cape Verde, Congo, DR Congo, Egypt, Ethiopia, Kenya, Libya, Madagascar, Malawi, Mauritius,

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		<p><i>Buxus sempervirens</i> (common boxwood), <i>Caesalpinia</i> (divi-divi), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Camellia</i>, <i>Cassia</i> (sennas), <i>Casuarina</i>, <i>Casuarina equisetifolia</i> (casuarina), <i>Citrus</i>, <i>Cytisus</i> (broom), <i>Choisya</i>, <i>Choisya ternata</i> (mexican orange blossom), <i>Crotalaria</i>, <i>Desmodium</i> (tick clovers), <i>Elaeagnus</i>, <i>Euphorbia</i> (spurges), <i>Fragaria</i> (strawberry), <i>Fuchsia</i>, <i>Glycine soja</i> (kedelai, soybean), <i>Hebe</i>, <i>Hedera helix</i> (ivy), <i>Hydrangea</i> (Hydrangeas), <i>Impatiens</i> (balsam), <i>Indigofera</i> (indigo), <i>Jasminum</i> (jasmine), <i>Juncus</i> (rushes), <i>Lantana camara</i> (lantana), <i>Laurus nobilis</i> (Sweet bay), <i>Mangifera indica</i> (mangga, mango), <i>Maranta bicolor</i>, <i>Macadamia integrifolia</i></p>		<p>Morocco, Mozambique, Saint Helena, Sao Tome and Principe, Senegal, Seychelles, Somalia, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe</p> <p>America: Antigua and Barbuda, Argentina, Bahamas, Barbados, Bermuda, Bolivia, Brazil, Cayman Islands, Chile, Colombia, Cuba, Curaçao, Dominica, Dominican Republic, Ecuador, El Salvador, Guadeloupe, Guatemala, Guyana, Haiti, Jamaica, Martinique, Mexico, Montserrat, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Trinidad and Tobago, USA, Uruguay, Venezuela</p> <p>Asia: Bangladesh, China, Cocos Islands, DPR Korea (North Korea), Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Malaysia, Maldives, Pakistan,</p>

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		(macadamia, macadamia nut), <i>Malpighia puniceifolia</i> , <i>Malpighia glabra</i> (acerola), <i>Medicago sativa</i> (alfalfa, lucerne), Mimosa (sensitive plants), <i>Morus alba</i> (murbei, mulberry), <i>Morus nigra</i> (murbei, blackmulberry), <i>Nandina domestica</i> (heavenly bamboo), <i>Pelargonium</i> (pelargoniums), <i>Pittosporum</i> , <i>Pittosporum tobira</i> (japanese pittosporum), <i>Plumbago</i> , <i>Plumbago zeylanica</i> , <i>Prunus</i> (stone fruit), <i>Psophocarpus</i> <i>tetragonolobus</i> (kecipir, winged bean), <i>Psidium guajava</i> (jambu biji, guava), <i>Punica granatum</i> (delima, pomegranate), <i>Pyracantha coccinea</i> (scarletfirethorn), <i>Quercus</i> (oaks), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Rosa</i> (roses), <i>Schinus</i> (pepper		Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Thailand, Taiwan, Turkey, Vietnam, Yemen Europe: Albania, Bulgaria, Bosnia and Herzegovina, Cyprus, Croatia, France, Gibraltar, Greece, Hungary, Italy, Malta, Montenegro, North Macedonia, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, United Kingdom Oceania: Australia, Christmas Island, Federated States of Micronesia, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, New Caledonia, New Zealand, Norfolk Island, Northern Mariana Islands, Palau, Papua Nugini, Solomon Islands, Tonga, US Minor Outlying Islands

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		tree), <i>Senecio</i> (groundsel), <i>Spartium junceum</i> (spanish broom), <i>Spiraea</i> , <i>Syringa</i> (lilac), <i>Ros marinus officinalis</i> (rosemary), <i>Ulex europaeus</i> (gorse), <i>Virgilia capensis</i> (snowdrop tree)		
27.	<i>Laodelphax striatellus</i> (Fallen); (Syn. <i>Laodelphax striatellus</i> , <i>Calligypona marginata</i> , <i>Calligypona striatella</i> , <i>Delphacodes striatella</i> , <i>Delphax notula</i> , <i>Delphax striata</i> , <i>Delphax striatella</i> , <i>Liburnia akashiensis</i> , <i>Liburnia devastans</i> , <i>Liburnia gifuensis</i> , <i>Liburnia haupti</i> , <i>Liburnia maikoensis</i> , <i>Liburnia marginata</i> , <i>Liburnia minionensis</i> , <i>Liburnia nipponica</i> , <i>Liburnia striatella</i>); (Hemiptera: Delphacidae);	<i>Avena sativa</i> (oats), <i>Dactylis glomerata</i> (orchard grass), <i>Digitaria ciliaris</i> (southern crab grass), <i>Echinochloa</i> (barnyardgrass), <i>Hordeum vulgare</i> (barli, barley), <i>Lolium</i> (rye grasses), <i>Oryza sativa</i> (padi, paddy, rice), <i>Poa annua</i> (annual meadow grass), <i>Saccharum officinarum</i> (tebu, sugarcane), Poaceae, <i>Triticum</i> spp. (wheat), <i>Zea mays</i> (jagung, corn, maize)	batang (stems), daun (leaves)	Indonesia: Sumatera Africa: Algeria, Morocco, Tunisia Asia: Armenia, China, DPR Korea (North Korea), Georgia, India, Iran, Israel, Japan, Kyrgystan, Republic of Korea (South Korea), Philippines, Taiwan, Tajikistan, Thailand, Turkey, Turkmenistan, Vietnam Europe: Austria, Belgium, Bulgaria, Bosnia and Herzegovina, Czechia, Czech, Croatia, Denmark, Estonia, Finland, France, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Moldova, Montenegro, Netherlands, Poland, Portugal,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	smaller brown planthopper, planthopper, smaller brown smaller brown planthopper			Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Federated states of Micronesia, Northern Mariana Islands
28.	<i>Liriomyza chinensis</i> (Kato, 1949); (Diptera: Agromyzidae); pengorok daun/onion leaves miner, stone leek leafminer	<i>Allium cepa</i> (bawang bombai, onion), <i>Allium</i> spp.	batang (stems), daun (leaves)	Indonesia: Jawa, Sulawesi, Bali Asia: China, Japan, Malaysia, Republic of Korea (South Korea), Singapore, Taiwan, Thailand, Vietnam Europe: France, Germany
29.	<i>Liriomyza trifolii</i> Burgess in Comstock, 1880; (Syn. <i>Agromyza phaseolunata</i> Frost, 1943, <i>Liriomyza</i> <i>allivora</i> Frick, 1955, <i>Liriomyza alliovora</i> Frick, 1955, <i>L. phaseolunata</i> (Frost, 1943), <i>Oscinis trifolii</i> Burgess in Comstock, 1880); (Diptera: Agromyzidae);	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium schoenoprasum</i> (bawang kucai, chives), <i>Alstroemeria</i> (inca lily), <i>Ambrosia</i> (ragweed), <i>Antirrhinum</i> (snapdragon), <i>Apium graveolens</i> var. <i>dulce</i> (bleached celery), <i>Arachis</i> , <i>Artemisia</i> (wormwoods), <i>Avena</i> <i>sativa</i> (oats), <i>Abelmoschus</i> <i>esculentus</i> (okra, lady's finger),	batang (stems), daun (leaves)	Indonesia: Jawa, Sumatera Africa: Benin, Egypt, Ethiopia, Guinea, Ivory Coast, Kenya, Madagascar, Mauritius, Mayotte, Morocco, Nigeria, Réunion, Senegal, South Africa, Sudan, Tanzania, Tunisia, Zambia, Zimbabwe America: Argentina, Bahamas, Barbados, Bermuda, Brazil, British Virgin Islands, Canada,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	penggorok daun (leaves), serpentine leaf miner, American serpentine leaf miner, chrysanthemum leaf miner	<i>Ageratum</i> , <i>Allium</i> spp. (onions, garlic, leek, etc) <i>Allium sativum</i> (bawang putih, garlic), <i>Arachys hypogaea</i> (kacang tanah, peanut), Aster, <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Bidens</i> (burmarigold), <i>Brassica rapa</i> cultivar group Mizuna, <i>Brassica rapa</i> subsp. <i>chinensis</i> (pak-choi, Chinese cabbage), Baccharis, Basella, Bellis, Cassia (sennas), Centaurea (knapweed), Carthamus, Cestrum (jessamine), Chenopodium (goosefoot), <i>Chrysanthemum indicum</i> (krisan, chrysanthemum), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Crataegus</i> (hawthorns), <i>Crotalaria</i> , <i>Cucurbita maxima</i> (labu, giant pumpkin), <i>Cucurbita moschata</i> (labu kuning,		Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, French Guiana, Guadeloupe, Guatemala, Guyana, Martinique, Mexico, Netherlands Antilles, Peru, Puerto Rico, Saint Kitts and Nevis, Trinidad and Tobago, USA, US Virgin Islands, Venezuela Asia: China, India, Iran, Israel, Japan, Jordan, Lebanon, Oman, Philippines, Republic of Korea (South Korea), Saudi Arabia, Taiwan, Turkey, United Arab Emirates, Vietnam, Yemen Europe: Albania, Austria, Belgium, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, Finland, France, Greece, Italy, Malta, Moldova, Montenegro, North Macedonia, Netherlands, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland

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		pumpkin), <i>Chrysanthemum</i> spp., <i>Chrysanthemum morifolium</i> (florist's chrysanthemum), <i>Capsicum annuum</i> (cabai besar, paprika, bell-pepper, hot pepper, chilies), <i>Callistephus</i> , <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i> (labu kuning, zucchini), Cucurbitaceae (cucurbits), Dahlia, Dendranthema, Dianthus (anyelir, carnation), <i>Daucus carota</i> (wortel, carrot), Erigeron (fleabane), Eupatorium, Gazania, <i>Gladiolus hybrids</i> (sword lily), <i>Glycine</i> , <i>Gaillardia</i> , <i>Gerbera</i> (barbeton daisy), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Gypsophila</i> (baby's breath), Helianthus		Oceania: American Samoa, Australia, Federated States of Micronesia, Guam, Northern Mariana Islands, Samoa, Tonga

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		(bunga matahari, sunflower), <i>Hordeum</i> (barli, barleys), <i>Ipomoea</i> (morning glory), <i>Lagenaria siceraria</i> (labu air, bottle gourd), <i>Linaria</i> (toadflax), <i>Luffa acutangula</i> (angled luffa), <i>Luffa aegyptiaca</i> (loofah), <i>Lactuca sativa</i> (lettuce), <i>Lathyrus (Vetchling)</i> , Macrotyloma, Malva (mallow), <i>Medicago, Medicago sativa</i> (alfalfa, lucerne), <i>Macrotyloma</i> , <i>Melilotus</i> (melilots), Mollucella, <i>Nasturtium officinale</i> (selada air, watercress), Ocimum, <i>Primula</i> (primrose), Phlox, Physalis (groundcherry), <i>Phaseolus</i> spp. Phaseolus (beans), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kacang polong, pea), Ricinus, <i>Ricinus communis</i> (jarak kepyar, castor bean),		

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		<p><i>Sonchus</i> (sowthistle), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Salvia</i> (sage), <i>Senecio</i> (grounsel), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Spinacia oleracea</i> (bayam jepang, spinach), <i>Tagetes</i> (marigold), <i>Tropaeolum</i>, <i>Trifolium</i> (cengkeh, clovers), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Taraxacum</i> (dandelion), <i>Tithonia</i>, <i>Tragopogon</i> (goat's-beard), <i>Tribulus</i> (caltrop), <i>Trigonella</i>, <i>Typha</i> (reedmace), <i>Verbena</i> (vervain), <i>Vicia</i> (vetch), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Xanthium</i> (cocklebur), <i>Zinnia</i></p>		

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30.	<p><i>Macrosiphum euphorbiae</i> Thomas, 1878; (Syn. <i>Illinoia solanifolii</i>, <i>Macrosiphon euphorbiae</i> Thomas, <i>Macrosiphon solanifolii</i> Ashmead, <i>Macrosiphum amygdaloides</i>, <i>Macrosiphum cyprissiae</i> var. <i>cucurbitae</i> del Guercio, <i>Macrosiphum euphorbiellum</i> Theobald, <i>Macrosiphum koehleri</i> Börner, <i>Macrosiphum rosaeollae</i> Theobald, <i>Macrosiphum solanifolii</i> (Ashmead), <i>Macrosiphum tabaci</i> Pergande, <i>Nectarophora ascepiadis</i> Cowen ex Gillette & Baker, <i>Nectarophora heleniella</i> Cockerell, <i>Nectarophora lycopersici</i> Clarke, <i>Nectarophora tabaci</i> Pergande, <i>Siphonophora</i></p>	<p><i>Apium graveolens</i> (seledri, celery), <i>Artemisia</i> (wormwoods), <i>Beta vulgaris</i> var. <i>Saccharifera</i> (bit gula, sugar beet), <i>Capsicum</i> (peppers), <i>Chenopodium album</i> (fat hen), <i>Chenopodium quinoa</i> (quinoa), <i>Citrus</i>, <i>Citrus deliciosa</i> (mediterranean mandarin), <i>Citrus reticulata</i> (mandarin orange), <i>Citrus sinensis</i> (navel orange), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i> (labu kuning, zucchini), <i>Epilobium angustifolium</i> (rosebay willowherb), <i>Fragaria</i> (stroberi, strawberry), <i>Freesia</i>, <i>Gladiolus hybrids</i> (sword lily), <i>Gossypium</i> (cotton), <i>Hordeum vulgare</i> (barli, barley), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lactuca sativa</i> (selada, lettuce), <i>Linum usitatissimum</i> (flax),</p>	<p>batang (stems), daun (leaves), bunga (flowers), buah (fruits)</p>	<p>Indonesia: Jawa (Jawa Barat) Africa: Algeria, Angola, Burundi, DR Congo, Egypt, Ethiopia, Kenya, Libya, Malawi, Mauritius, Morocco, Mozambique, Rwanda, Reunion, Saint Helena, South Africa, Tanzania, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Bermuda, Bolivia, Brazil, Canada, Chile, Colombia, Cuba, DPR Korea (North Korea), Ecuador, Falkland Island, Jamaica, Mexico, Peru, Puerto Rico, USA, Uruguay, Venezuela Asia: Armenia, Azerbaijan, Bangladesh, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Malaysia, North Korea, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Turkey, Tajikistan, Turkmenistan, Uzbekistan</p>

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	<p><i>asclepiadifolii</i>, Thomas, <i>Siphonophora cucurbitae</i> Middleton ex Thomas, <i>Siphonophora euphorbiae</i> Thomas, <i>Siphonophora solanifolii</i> Ashmead, <i>Siphonophora tulipae</i> Mondell); (Hemiptera: Aphididae); potato aphid, pink and green potato aphid, pink and green potato aphid, pink potato aphid, potato aphid, tomato aphid</p>	<p>Lupinus (lupins), <i>Lupinus albus</i> (white lupine), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Rosa</i> spp. (mawar, rose), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Triticum aestivum</i> (gandum, wheat), <i>Vicia faba</i> (faba bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize)</p>		<p>Europe: Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Latvia, Lithuania, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, North Macedonia, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Caledonia, New Zealand</p>
31.	<p><i>Olenecamptus bilobus</i> (Fabricius); (Coleoptera: Cerambycidae); Longhorn beetle</p>	<p><i>Artocarpus integra</i>, <i>Artocarpus hissuta</i>, <i>Ficus carica</i> (ara, fig), <i>Mangifera indica</i> (mangga, mango), <i>Morus alba</i> (murbei, mulberry)</p>	<p>batang (stems), kayu (woods), kulit kayu (bark)</p>	<p>Indonesia: Jawa, Maluku, Sumatera, Papua Asia: India, Pakistan</p>
32.	<p><i>Ophelimus eucalypti</i> (Gahan, 1922);</p>	<p><i>Eucalyptus</i>, <i>Eucalyptus botryoides</i> (southern mahogany), <i>Eucalyptus</i></p>	<p>daun (leaves)</p>	<p>Indonesia: Sumatera (Sumatera Utara) Africa: Kenya, Morocco, Uganda</p>

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	(Syn. <i>Rhcnopeltella eucalypti</i>); (Hymenoptera: Eulophidae)	<i>globulus</i> (Tasmanian blue gum), <i>Eucalyptus saligna</i> (Sydney blue gum)		Asia: Iran, Israel Europe: Greece, Italy, Spain Oceania: Australia, New Zealand
33.	<i>Paraecusmetus pallicornis</i> (Dallas); (Syn. <i>Gyndes pallicornis</i> , <i>Pachybrachius pallicornis</i>); (Hemiptera: Rhyparochromidae); slender black rice bug	<i>Oryza sativa</i> (padi, paddy, rice), Poaceae	batang (stems), jerami (straws), bulir (grains)	Indonesia: P. Buru, Maluku Utara, Sulawesi, Kalimantan, Nusa Tenggara Timur, Nusa Tenggara Barat Asia: Malaysia, Philippines
34.	<i>Paraleyrodes minei</i> Laccarino, 1990; (Syn: <i>Paraleyrodes minei</i>) (Hemiptera: Aleyrodidae); nesting whitefly	<i>Citrus aurantifolia</i> (lime), <i>Citrus aurantium</i> (bitter orange), <i>Citrus limon</i> (lemon), <i>Citrus paradisi</i> (grapefruit), <i>Citrus reticulata</i> (mandarin orange), <i>Persea americana</i> (alpukat, avocado), <i>Cocos nucifera</i> (kelapa, coconut), <i>Morus alba</i>	daun (leaves)	Indonesia: Jawa (Jawa Barat) Asia: China, India, Iran, Israel, Lebanon, Malaysia, Syria, Singapore, Turkey America: Belize, Bermuda, Colombia, Dominican Republic, Guatemala, Haiti, Honduras, Mexico, Puerto Rico, USA Europe: Cyprus, Greece, Italy, Malta, Portugal, Spain
35.	<i>Pectinophora gossypiella</i> Saunders, 1843; (Syn. <i>Depressaria gossypiella</i> Saunders, <i>Ephestia</i>	<i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Abutilon</i> spp. (Indian mallow), <i>Abutilon indicum</i> (country mallow),	buah (fruits), biji (seeds), tanah (soil)	Indonesia: Jawa, Nusa Tenggara Barat, Nusa Tenggara Timur, Sulawesi

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	<p><i>gossypiella</i> Saunders, <i>Gelechia gossypiella</i> Saunders, <i>Gelechiella</i> <i>gossypiella</i> Saunders, <i>Platyedra gossypiella</i> Saunders); (Lepidoptera: Gelechiidae); pink bollworm, pink cotton bollworm</p>	<p><i>Gossypium</i>, <i>Gossypium</i> <i>hirsutum</i> (kapas, cotton), <i>Hibiscus</i> spp. (rosemallows), <i>Hibiscus cannabinus</i> (kenaf), <i>Hibiscus sabdariffa</i> (jamaica sorrel), Malvaceae, <i>Medicago</i> <i>sativa</i> (alfalfa, lucerne), <i>Althaea</i> (hollyhocks), <i>Gossypium</i> <i>arboreum</i> (tree cotton), <i>Gossypium herbaceum</i> (short staple cotton)</p>		<p>Africa: Algeria, Angola, Benin, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, DR Congo, Egypt, Ethiopia, Ghana, Ivory Coast, Kenya, Libya, Madagascar, Malawi, Mali, Mauritius, Morocco, Mozambique, Niger, Nigeria, Rwanda, Senegal, Seychelles, Sierra Leone, Somalia, Sudan, Tanzania, Togo, Tunisia, Uganda, Zimbabwe. America: Antigua and Barbuda, Argentina, Bahamas, Barbados, British Virgin Islands, Bolivia, Brazil, Colombia, Cuba, Dominica, Dominican Republic, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Mexico, Montserrat, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and</p>

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				Tobago, USA, US Virgin Island, Uruguay, Venezuela Asia: Afghanistan, Bangladesh, Cambodia, China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Jordan, Lao PDR (Laos), Malaysia, Myanmar, Pakistan, Philippines, Saudi Arabia, South Korea, Sri Lanka, Syria, Taiwan, Thailand, Turkey, Vietnam, Yemen Europe: Albania, Bulgaria, Bosnia and Herzegovina, Cyprus, Croatia, Greece, Italy, North Macedonia, Malta, Montenegro, Romania, Russia, Spain, Serbia, Slovenia Oceania: Australia, Fiji, French Polynesia, New Caledonia, Northern Mariana Islands, Papua New Guinea, Samoa, Vanuatu
36.	<i>Phenacoccus manihoti</i> Matile-Ferrero, 1977; (Hemiptera: Pseudococcidae);	<i>Alternanthera sessilis</i> (sessile joyweed), <i>Blumea lacera</i> , <i>Boerhavia diffusa</i> (red	batang (stems), kulit (bark), daun (leaves), bunga (flowers)	Indonesia: Jawa, Sulawesi (Sulawesi Selatan), Sumatera

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	cassava mealybug	spiderling), <i>Capsicum</i> spp. Citrus, Cyperus (flatsedge), <i>Euphorbia pulcherrima</i> (kastuba, pointsettia), <i>Glycine max</i> (kedelai, soyabean), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Manihot glaziovii</i> (ceara rubber), <i>Sida acuta</i> (sida), Solanum (nightshade), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Synedrella nodiflora</i> (synedrella)		(Bengkulu, Riau), Kalimantan (Kalimantan Barat) Africa: Angola, Benin, Cameroon, Central African Republic, Congo, DR Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Liberia, Madagascar, Malawi, Mali, Mozambique, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Colombia, French Guiana, Guyana, Paraguay Asia: Cambodia, China, India, Lao PDR (Laos), Malaysia, Thailand, Vietnam
37.	<i>Phenacoccus solenopsis</i> Tinsley; (Syn. <i>Phenacoccus cevalliae</i> Cockerell, 1902, <i>Phenacoccus</i>	<i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Carica papaya</i> (pepaya, papaya), <i>Abutilon indicum</i> (kembang sore, Indian abutilon), <i>Abutilon muticum</i> ,	seluruh bagian tanaman (whole plant)	Indonesia: Jawa, Sumatera (Bengkulu), Papua (Papua Barat), Sulawesi (Sulawesi Selatan) Africa: Algeria, Benin, Cameroon, Egypt, Eswatini, Ethiopia,

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>gossypiphilous</i> Abbas et al., 2005; 2007; 2008) (Hemiptera: Pseudococcidae); cotton mealybug	<u><i>Acacia leucophloea</i> (white-barked acacia), <i>Acacia modesta</i>, <i>Acalypha wilkesiana</i>, <i>Achillea</i> (milfoil), <i>Achyranthes aspera</i> (devil's horsewhip), <i>Aerva javanica</i> (kapok bush), <i>Ageratum conyzoides</i> (babadotan, goatweed), <i>Albizia lebeck</i> (indian siris), <i>Althaea</i> (hollyhocks), <i>Amaranthus flavus</i>, <i>Amaranthus viridis</i> (slender amaranth), <i>Ambrosia</i> (ragweed), <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Ambrosia confertifolia</i>, <i>Ambrosia dumosa</i>, <i>Ambrosia psilostachya</i> (perennial ragweed), <i>Ambrosia tenuifolia</i>, <i>Anagallis arvensis</i> (scarlet pimpernel), <i>Aphelandra squarrosa</i> (zebra plant), <i>Artemisia annua</i> (sweet wormwood), <i>Asclepias</i></u>		Ghana, Kenya, Mauritius, Morocco, Mali, Nigeria, Reunion, Senegal, Seychelles, Sierra Leone, Sudan America: Argentina, Barbados, Belize, Brazil, Canada, Cayman Island, Chile, Colombia, Cuba, Dominican Republic, Ecuador, Haiti, Guadeloupe, Guatemala, Jamaica, Martinique, Mexico, Nicaragua, Panama, Saint Barthelemy, Saint Martin, USA Asia: Bangladesh, Cambodia, China, India, Iran, Iraq, Israel, Japan, Laos, Malaysia, Pakistan, Saudi Arabia, Sri Lanka, Taiwan, Thailand, Turkey, UAE, Vietnam Europe: Greece, Italy, Spain Oceania: Australia, New Caledonia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p>(silkweed), <i>Asparagus densiflorus</i> (asparagus fern), <i>Atriplex canescens</i> (Fourwing saltbush), <i>Azadirachta indica</i> (mimba, neem tree), <i>Bassia indica</i>, <i>Bauhinia purpurea</i> (bunga kupu-kupu, purple bauhinia), <i>Bidens pilosa</i> (bunga ketul, blackjack), <i>Blumea lacera</i>, <i>Boerhavia repens</i>, <i>Bombax ceiba</i> (silk cotton tree), <i>Bougainvillea glabra</i> (bugenvil, bougainvillea), <i>Broussonetia papyrifera</i> (paper mulberry), <i>Calendula officinalis</i> (pot marigold), <i>Calotropis procera</i> (apple of sodom), <i>Capparis decidua</i>, Capsicum frutescens (cabai rawit, chilies), <i>Cassia fistula</i> (Indian laburnum), <i>Celosia argentea</i> (celosia), <i>Centaurea cyanus</i> (cornflower), <i>Cestrum diurnum</i>, <i>Cestrum</i></p>		

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		<i>nocturnum</i> (night scented cestrum), <i>Cevallia sinuata</i> (stinging serpent), <i>Chenopodium album</i> (fat hen), <i>Chenopodium murale</i> (nettleleaf goosefoot), <i>Chrysanthemum morifolium</i> (florist's daisy), <i>Cirsium</i> <i>arvense</i> (creeping thistle), <i>Cichorium intybus</i> (chicory), <i>Citrullus colocynthis</i> (colocynth), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus aurantium</i> (jeruk nipis, lime), <i>Citrus sinensis</i> (navel orange), <i>Cleome viscosa</i> (yellow mesambay), <i>Clerodendrum</i> <i>inerme</i> , <i>Coleus blumei</i> (common coleus), <i>Convolvulus</i> <i>arvensis</i> (bindweed), <i>Convolvulus prostratus</i> , <i>Conyza bonariensis</i> (hairy fleabane), <i>Conyza canadensis</i> (Canadian fleabane),		

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		<p><i>Corchorus antichorus</i>, <i>Corchorus trilocularis</i>, <i>Cressa cretica</i>, <i>Croton sparciflorum</i>, <i>Cucumis tetragona</i>, <i>Cucurbita</i> (pumpkin), <i>Cucurbita moschata</i> (labu kuning, pumpkin), <i>Cuscuta reflexa</i> (dodder), <i>Cyamopsis tetragonoloba</i> (guar), <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Cyperus rotundus</i> (rumput teki, purple nutsedge), <i>Dalbergia sissoo</i> (Indian rosewood), <i>Datura metel</i> (Hindu datura), <i>Daucus carota</i> (wortel, carrot), <i>Digera muricata</i>, <i>Duranta erecta</i> (Pigeonberry), <i>Echinochloa colona</i> (rumput bebek, junglerice), <i>Elettaria cardamomum</i> (kapulaga seberang, cardamom), <i>Eleusine indica</i> (rumput belulang, goosegrass), <i>Emilia</i></p>		

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		<p><i>sonchifolia</i> (red tasselflower), <i>Encelia farinosa</i> (brittlebush), Enceliopsis, <i>Eragrostis minor</i>, Eriophyllum, <i>Eucalyptus camaldulensis</i> (red gum), Euphorbia (spurges), <i>Euphorbia cotinifolia</i>, <i>Euphorbia hirta</i> (garden spurge), <i>Euphorbia prostrata</i>, <i>Euphorbia trigona</i>, <i>Fagonia cretica</i>, <i>Ficus benghalensis</i> (banyan), <i>Ficus carica</i> (fig), <i>Ficus virens</i> (grey fig), Franseria, <i>Gardenia jasminoides</i> (cape jasmine), Gossypium (cotton), <i>Gossypium arboreum</i> (cotton tree), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Grewia asiatica</i> (phalsa), <i>Hamelia patens</i> (firebush), Helianthus (sunflower), <i>Helianthus annuus</i> (bunga matahari, sunflower), Hibiscus</p>		

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		(rosemallows), <i>Hibiscus rosa-sinensis</i> (kembang sepatu, Chinese hibiscus), <i>Heliotropium europaeum</i> (common heliotrope), <i>Heliotropium strigosum</i> , <i>Herissantia crisper</i> , <i>Hibiscus mutabilis</i> (cottonrose), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Ipomoea cairica</i> (five-fingered morningglory), <i>Jacquemontia pentantha</i> (skyblue clustervine), <i>Jasminum cuspidatum</i> , <i>Jasminum sambac</i> (arabian jasmine), <i>Jatropha integerrima</i> (peregrina), <i>Kallstroemia brachystylis</i> , <i>Lagenaria siceraria</i> (labu air, bottle gourd), <i>Lagerstroemia indica</i> (indian crape myrtle), <i>Lantana camara</i> (lantana), <i>Launia nudicaulis</i> , <i>Lawsonia inermis</i> (Egyptian privet), <i>Lepidium</i>		

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		<p><i>didymum</i>, <i>Luffa aegyptiaca</i> (loofah), <i>Lupinus</i> spp. (lupin), <i>Lycium chinense</i> (chinese wolfberry), <i>Malva parviflora</i> (cheeseweed), <i>Malvastrum coromandelianum</i> (prickly malvastrum), <i>Malvaviscus arboreus</i> (wax mallow), <i>Mangifera indica</i> (mangga, mango), <i>Mentha longifolia</i>, <i>Mentha piperita</i> (Peppermint), <i>Morus alba</i> (murbei, mullberry), <i>Medicago polymorpha</i> (rough medick), <i>Melaleuca quinquenervia</i> (paperbark tree), <i>Melia azedarach</i> (Chinaberry), <i>Melilotus indica</i> (Indian sweetclover), <i>Momordica charantia</i> (paria, bitter gourd), <i>Morus alba</i> (mora), <i>Nerium oleander</i> (oleander), <i>Nicotiana plumbaginifolia</i>, <i>Nicotiana tabacum</i> (tembakau, tobacco),</p>		

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		<p><i>Ocimum basilicum</i> (selasih, basil), <i>Orobancha</i> (broomrape), <i>Oxalis corniculata</i> (creeping woodsorrel), <i>Panax</i>, <i>Parthenium</i>, <i>Parthenium hysterophorus</i> (parthenium weed), <i>Persicaria glabra</i>, <i>Phoenix dactylifera</i> (kurma, date-palm), <i>Punica granatum</i> (delima, pomegranate), <i>Phyllanthus niruri</i> (meniran, gale of the wind), <i>Physalis</i> (Groundcherry), <i>Physalis alkekengi</i>, <i>Piper betle</i> (sirih, betel pepper), <i>Plumeria rubra</i> var. <i>acutifolia</i> (Mexican frangipani), <i>Polyalthea longifolia</i>, <i>Polygonum barbatum</i> (knot grass), <i>Portulaca grandiflora</i> (krokot mawar, rose moss), <i>Portulaca oleracea</i> (krokot, purslane), <i>Quisqualis indica</i>, <i>Ricinus communis</i> (jarak kepyar,</p>		

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		castor bean), <i>Rosa chinensis</i> (China rose), <i>Ruellia squarrosa</i> , <i>Rumex dentatus</i> , <i>Salsola baryosma</i> , <i>Salvadora oleoides</i> , <i>Salvia officinalis</i> (commonsage), <i>Sesamum indicum</i> (wijen, sesame), <i>Sesbania sesban</i> (jayanti), <i>Setcreasea pallida</i> , <i>Sida rhombifolia</i> , <i>Sida urens</i> , <i>Simmondsia chinensis</i> (jojoba), <i>Solanum</i> spp., <i>Solanum elaeagnifolium</i> (silverleaf nightshade), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum muricatum</i> (pepino), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum virginianum</i> (yellowshade nightshade), <i>Sonchus oleraceus</i> (tempuyung,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		common sowthistle), Spermacoe, Suaeda (sea blite), <i>Suaeda nigra</i> , <i>Synsepalum dulcificum</i> , <i>Tabernae Montanadivaricata</i> , <i>Tagetes erecta</i> (African marigold), <i>Taraxacum officinale</i> complex (dandelion), <i>Tecoma stans</i> (yellow bells), <i>Tinospora cordifolia</i> (bratawali, heart- leaved moonseed), <i>Trianthema portulacastrum</i> (horse purslane), <i>Trianthema triquetra</i> , <i>Tribulus terrestris</i> (puncture vine), <i>Trigonella polycerata</i> , <i>Urena lobata</i> (caesar weed), <i>Verbena officinalis</i> , <i>Withania somnifera</i> (poisonous gooseberry), <i>Xanthium strumarium</i> (common cocklebur), <i>Zea mays</i> (jagung, corn, maize), <i>Ziziphus mauritiana</i> (bidara, Indian jujube)		

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38.	<i>Phragmataecia castaneae</i> (Hubner); (Syn. <i>Phragmataecia castaneae</i>); (Lepidoptera: Cossidae); giant stem borer	Paspalum, <i>Saccharum robustum</i> (robust cane), <i>Sorghum propineum</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i> (glagah, wild sugarcane)	batang (stems), daun (leaves)	Indonesia: Java, Sumatera Asia: China, Malaysia Europe: Bulgaria, Finland, Italy, Russia
39.	<i>Phragmataecia gummata</i> Swinhoe, 1892; (Syn. <i>Phragmataecia parvipunctus</i>); (Lepidoptera: Cossidae); giant stem borer	<i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i> (glagah, wild sugarcane)	batang (stems), daun (leaves)	Indonesia: Sumatera, Jawa Asia: Malaysia
40.	<i>Pineus boernerii</i> Annand; (Syn. <i>Pineus pini sensu lato</i> , <i>Anisophleba pini</i> , <i>Aphis pini</i> , <i>Kermaphis pini</i> var. <i>laevis</i> , <i>Kermes pini</i> , <i>Pineus havrylenkoi</i> , <i>Pineus laevis</i> , <i>Pineus pini</i> , <i>Pineus simmondsi</i> , <i>Pineus sylvestris</i>); (Hemiptera: Adelgidae); pine woolly aphid	<i>Pinus canariensis</i> (Canary pine), <i>Pinus caribaea</i> (Caribbean pine), <i>Pinus contorta</i> (lodgepole pine), <i>Pinus elliotii</i> (slash pine), <i>Pinus halepensis</i> (Aleppo pine), <i>Pinus hartwegii</i> (Hartweg pine), <i>Pinus kesiya</i> (khasya pine), <i>Pinus massoniana</i> (masson pine), <i>Pinus maximinoi</i> (thin-leaf pine), <i>Pinus montezumae</i>	batang (stems), kayu (woods)	Indonesia: Kalimantan, Sumatera, Jawa Africa: Kenya, Malawi, Morocco, South Africa, Tanzania, Uganda, Zimbabwe America: Argentina, Brazil, Chile, Colombia, USA Asia: China, Georgia, Israel, Jordan, Kyrgyzstan, Lebanon, Malaysia, Pakistan, Taiwan, Turkey

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		(montezuma pine), <i>Pinus mugo</i> (mountain pine), <i>Pinus muricata</i> (bishop pine), <i>Pinus oocarpa</i> (ocote pine), <i>Pinus patula</i> (Mexican weeping pine), <i>Pinus pinaster</i> (maritime pine), <i>Pinus pinea</i> (stone pine), <i>Pinus radiata</i> (radiata pine), <i>Pinus resinosa</i> (red pine), <i>Pinus sylvestris</i> (Scots pine), <i>Pinus taiwanensis</i> (Taiwan pine), <i>Pinus teocote</i> (twisted leaf pine), <i>Pinus thunbergii</i> (Japanese black pine), <i>Pinus densiflora</i> , <i>Pinus merkusii</i> , <i>Pinus pungens</i> , <i>Pinus roxburghii</i> , <i>Pinus arizonica</i> , <i>Pinus canariensis</i> , <i>Pinus caribaea</i> , <i>Pinus clausa</i> , <i>Pinus cooperi</i> , <i>Pinus douglasiana</i> , <i>Pinus durangensis</i> , <i>Pinus echinata</i> , <i>Pinus engelmannii</i> , <i>Pinus glabra</i> , <i>Pinus greggii</i> , <i>Pinus hartwegii</i> , <i>Pinus</i>		Europe: Czechia, Finland, France, Germany, Ireland, Italy, Lithuania, Netherlands, Poland, Slovakia, Spain, Sweden, United Kingdom Oceania: Australia, New Zealand

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		<i>lawsonii, Pinus leiophylla, Pinus maximinoi, Pinus michoacana, Pinus montezumae, Pinus occidentalis, Pinus palustris, Pinus patula, Pinus pinea, Pinus pseudostrobus, Pinus radiata, Pinus rigida, Pinus serotina, Pinus sylvestris, Pinus taeda, Pinus taiwanensis, Pinus teocote, Pinus virginiana</i> (scrub pine)		
41.	<i>Postelectrotermes militaris</i> (Desneux); (Syn. <i>Calotermes militaris, Neotermes militaris, Termes militaris</i>); (Isoptera: Kalotermitidae); dry wood termite	<i>Acacia decurrens</i> (green wattle), <i>Camellia sinensis</i> (teh, tea), <i>Casuarina equisetifolia</i> (casuarina), <i>Cedrus</i> (cedars), <i>Cinnamomum camphora</i> (kamfer, camphor), <i>Cryptomeria japonica</i> (cedar jepang, japanese cedar), <i>Erythrina subumbrans</i> (dadap serep, december tree), <i>Eucalyptus</i> spp., <i>Eucalyptus robusta</i> (swamp mahogany),	batang (stems), akar (roots)	Indonesia: Jawa Asia: Sri Lanka

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		<i>Grevillea robusta</i> (silky oak), <i>Stenocarpus salignus</i> (beefwod), <i>Tephrosia vogelii</i> (vogel's tephrosia)		
42.	<i>Rhabdoscelus obscurus</i> (Boisduval, 1835); (Syn. <i>Calandra obscura</i> Boisduval, <i>Rhabdocnemis</i> <i>fausti</i> Gahan, <i>R.</i> <i>interruptocostatus</i> Schaufuss, <i>R. maculate</i> Schaufuss, <i>R. nudicollis</i> (Kirsch), <i>R. obscura</i> (Boisduval), <i>R. promissus</i> (Pascoe), <i>R. maculatus</i> Schaufuss, <i>Rhabdoscelis</i> <i>obscura</i> Boisduval, <i>Sphenophorus beccarii</i> Pascoe, <i>S. insularis</i> Boheman, <i>S.</i> <i>interruptecostatus</i> Schaufuss, <i>S. nudicollis</i> Kirsch, <i>S. promissus</i> Pascoe, <i>S. sulcipes</i> Karsch, <i>S.</i>	<i>Areca catechu</i> (pinang, betelnut palm), Arecaceae (plants of the palm family), <i>Cocos nucifera</i> (kelapa, coconut), <i>Carica papaya</i> (pepaya, papaya), <i>Metroxylon</i> <i>sagu</i> (sagu, sago palm), <i>Musa</i> spp. (pisang, banana), <i>Musa x</i> <i>paradisiaca</i> (pisang kepok, plantain), Poaceaceae (grasses), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Strelitzia reginae</i> (Queens bird-of-paradise), <i>Zea</i> <i>mays</i> (jagung, corn, maize)	batang (stems)	Indonesia: Maluku, Papua, Sulawesi, Nusa Tenggara Barat, Sumatera America: USA Asia: Japan, Malaysia, Sri Lanka, Taiwan Oceania: American Samoa, Australia, Cook Islands, Christmas Island, Federated States of Micronesia, Fiji, French Polynesia, Palau, Guam, Marshall Islands, Nauru, New Caledonia, Niue, Northern Mariana Islands, Papua Nugini, Samoa, Solomon Islands, Tonga, Vanuatu

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	<i>tincturatus</i> Pascoe, <i>S. obscurus</i> Boisduval); (Coleoptera: Dryophthoridae); <i>beetle borer, cane weevil borer, New Guinea cane weevil borer, sugarcane weevil borer, New Guinea sugarcane weevil, Hawaiian sugarcane borer, cane weevil borer, New Guinea sugarcane weevil</i>			
43.	<i>Sesamia grisescens</i> Warren, 1911; (Lepidoptera: Noctuidae); <i>sesamia borer, pink sugarcane borer</i>	<i>Megathyrus maximus</i> (Guinea grass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum purpureum</i> (rumput gajah, elephant grass), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum edule</i> , <i>Saccharum robustum</i> (robust cane), <i>Saccharum spontaneum</i> (wild sugarcane), <i>Zea mays</i> (jagung, corn, maize)	batang (stems)	Indonesia: Papua, Maluku Oceania: Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
44.	<i>Sexava coriacea</i> (Linnaeus, 1758); (Orthoptera: Tettigoniidae); belalang sexava, sexava grasshopper	<i>Asplenium nidus</i> (kadaka, bird's nest fern), <i>Arenga pinnata</i> (aren, sugar palm), <i>Areca catechu</i> (pinang, betelnut palm), <i>Cocos nucifera</i> (kelapa, coconut), <i>Musa</i> spp. (pisang, banana), <i>Metroxylon sagu</i> (sagu, sago palm), Orchidaceae (anggrek, orchids), <i>Pandanus</i> spp. (pandan), <i>Salacca edulis</i> (salak, snakefruit), <i>Zingiber officinale</i> (jahe, ginger)	buah (fruits), tanaman (plants), daun (leaves), rimpang (rhizomes), sabut, tanah (soil)	Indonesia: Sulawesi, Kep. Sangihe, Talaud, Kep. Banggai, Maluku, Maluku Utara, Papua
45.	<i>Sexava karnyi</i> Leefmans, 1927; (Orthoptera: Tettigoniidae); belalang sexava, sexava grasshopper	<i>Asplenium nidus</i> (kadaka, bird's nest fern), <i>Arenga pinnata</i> (aren, sugar palm), <i>Areca catechu</i> (pinang, betelnut palm), <i>Cocos nucifera</i> (kelapa, coconut), <i>Musa</i> spp. (pisang, banana), <i>Metroxylon sagu</i> (sagu, sago palm), Orchidaceae (anggrek, orchids), <i>Pandanus</i> spp. (pandan), <i>Salacca edulis</i> (salak,	tanaman (plants), buah (fruits), daun (leaves), rimpang (rhizomes), sabut, tanah (soil)	Indonesia: Sulawesi (Sulawesi Tengah: Kepulauan Togean)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		snakefruit), <i>Zingiber officinale</i> (jahe, ginger)		
46.	<i>Sexava nubila</i> (Stal); (Orthoptera: Tettigoniidae); belalang sexava, sexava grass hopper, coconut treehopper	<i>Asplenium nidus</i> (kadaka, bird's nest fern), <i>Arenga pinnata</i> (aren, sugar palm), <i>Areca catechu</i> (pinang, betelnut palm), <i>Cocos nucifera</i> (kelapa, coconut), <i>Musa</i> spp. (pisang, banana), <i>Metroxylon sagu</i> (sagu, sago palm), Orchidaceae (anggrek, orchids), <i>Pandanus</i> spp. (pandan), <i>Salacca edulis</i> (salak, snakefruit), <i>Zingiber officinale</i> (jahe, ginger)	tanaman (plant), buah (fruits), daun (leaves), rimpang (rhizomes), sabut, tanah (soil)	Indonesia: Sulawesi (Sulawesi Utara), Kepulauan Sangihe dan Talaud, P. Seram, P. Buru, Biak, Papua Oceania: Papua Nugini
47.	<i>Thosea monoloncha</i> (Meyrick); (Syn. <i>Thosea moluccana</i>); (Lepidoptera: Limacodidae)	<i>Cocos nucifera</i> (kelapa, coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm)	daun (leaves), tanah (soil), media tanam (growing media), batang (stem), bunga (inflorescences)	Indonesia: Sulawesi, Papua, Sumatera, Maluku, Maluku Utara Asia: Philippines Oceania: Papua Nugini
48.	<i>Xyleborus affinis</i> Eichhoff; (Syn. <i>Xyleborus mascarensis</i> Eichhoff, <i>Xyleborus sacchari</i> Hopkins);	Albiza, Betula, Carya, Castanea, Cedrela, Celtis, <i>Citrus aurantium</i> , <i>Citrus grandis</i> , <i>Cocos nucifera</i> ,	batang (stems, trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Indonesia: Jawa (Jawa Timur), Sumbawa, Sulawesi (Sulawesi Selatan)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME)	INANG/HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Coleoptera: Scolytidae); shot-hole borer of sugarcane, ambrosia beetle of oak	Codiaceum, <i>Coffea arabica</i> , Diospyros, <i>Dracaena fragrans</i> , <i>Eucalyptus robusta</i> , Ficus, <i>Hevea brasiliensis</i> (karet, rubber tree), <i>Macadamia integrifolia</i> (macadamia nut), <i>Mangifera indica</i> (mangga, mango), Pines (pinus, pines), Pterocarpus, Quercus, <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Schefflera octophylla</i> , <i>Sindora glabra</i> , <i>Tectona grandis</i> (jati, teak), <i>Theobroma cacao</i> (kakao, cacao)		America: Brazil, Cuba, Jamaica, Mexico, USA Asia: Cambodia China, India, Laos, Myanmar, Nepal, Taiwan, Thailand, Vietnam Europe: Austria, Hungary, Italy Oceania: Australia
49.	<i>Xyleborus ferrugineus</i> Fabricius; (Syn. <i>Xyleborus confusus</i> Eichhoff, <i>Xyleborus fuscatus</i> Eichhorn); (Coleoptera: Scolytidae); black twig borer, bark beetle	<i>Dioscorea</i> spp. (gembili, yam), <i>Eucalyptus robusta</i> , <i>Euterpe edulis</i> (assai palm), <i>Hevea brasiliensis</i> , <i>Persea americana</i> (alpukat, avocado), <i>Pinus elliottii</i> (slash pine), <i>Pinus taeda</i> (loblolly pine), <i>Schefflera octophylla</i> , <i>Sindora glabra</i>	batang (stems, trunks, shoots, branches), kayu (woods), kulit kayu (bark)	Indonesia: Jawa (Jawa Timur) Africa: Angola, Benin, Botswana, Burundi, Cameroon, Cape Verde, DR Congo, Equatorial Guinea, Ethiopia, Gabon, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Madagascar, Mali, Mozambique, Namibia, Nigeria, Reunion, Rwanda, Sao Tome and Principe,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				<p>Senegal, Sierra Leon, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe.</p> <p>America: Argentina, Barbados, Belize, Bolivia, Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, USA, Venezuela</p> <p>Asia: China, India, Malaysia, Republic of Korea (South Korea), Taiwan</p> <p>Oceania: American Samoa, Federated States of Micronesia, Fiji, French Polynesia, Kiribati, Northern Mariana Island, Papua Nugini, Samoa, Solomon Islands</p>

2. TUNGAU (*MITES*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN / GROUP	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
1.	<p><i>Brevipalpus californicus</i> (Banks, 1904); (Syn. <i>Brevipalpus australis</i> Baker, 1949, <i>B. browningi</i> Baker, 1949, <i>B. Confusis</i> Baker, 1949, <i>B. woglumi</i> McGregor, 1949, <i>Hystripalpus californicus</i> Mitrofanov & Strunkova, 1979, <i>Tenuipalpus australis</i> Tucker, 1926, <i>T. californicus</i> Banks, 1904, <i>T. Vitis</i> Womersley, 1940); (Acari: Tenuipalpidae); citrus flat mite, red flat mite, scarlet mite of tea, bunch mite, false spider mite</p>	II	<p><i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Camellia sinensis</i> (teh, tea), <i>Carica papaya</i> (pepaya, papaya), <i>Casimiroa pubescens</i>, <i>Chenopodium ambrosioides</i> (indian goosefoot), <i>Cinnamomum burmanii</i> (kayu manis, cassiavera, cinnamon), <i>Citharexylum quadrangulare</i> (fiddlewood), <i>Citrus</i> spp. (jeruk, orange), Cucurbita, <i>Cymbidium</i>, Dendrobium, <i>Elettaria cardamomum</i> (kapulaga seberang, cardamom), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lablab purpureus</i> (hyacinth bean), <i>Musa</i> spp.</p>	buah (fruits), daun (leaves), batang (stems), bagian tanaman di atas tanah	<p>Indonesia: Lombok, Kalimantan (Kalimantan Timur), Sumatera (Sumatera Barat), Bangka Africa: Algeria, Angola, Congo, Egypt, Libya, Mauritania, Mozambique, Reunion, Senegal, South Africa, Zimbabwe America: Brazil, <u>Colombia</u>, Costa Rica, Cuba, Guyana, Honduras, Mexico, USA Asia: Georgia, India, Israel, Japan, Malaysia, Nepal, Philippines, Sri Lanka, Syria, Tajikistan, Thailand, <u>Turkey</u></p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKA SI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	GOLONGAN / <i>GROUP</i>	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			(pisang, banana), Phalaenopsis, <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Psidium guajava</i> (jambu biji, guava), <i>Pittosporum</i> , <i>Pithecellobium averemotemo</i> , <i>Rhododendron</i> (azalea), <i>Robinia</i> (locust), <i>Schinus terebinthifolius</i> (Brazilian pepper tree), <i>Sesbania sesban</i> (sesban), <i>Solanum</i> spp., <i>Tetragonia tetragonioides</i> (new zealand spinach), <i>Vigna sinensis</i> (buncis, common bean), <i>Vitis vinifera</i> (anggur, grapevine)		Europe: Cyprus, Greece, Hungary, Italy, Netherlands, Portugal, Russian Federation, Spain Oceania: Australia, Guam, New Zealand, Papua Nugini
2.	<i>Calacarus carinatus</i> (Green 1890) Keifer, 1955; (Syn. <i>Calacarus adornatus</i> (Keifer), 1952, <i>Eriophyes carinatus</i> (Green) Nalepa,	II	<i>Camellia caudata</i> , <i>Camellia japonica</i> , <i>Camellia kissii</i> , <i>Capsicum</i> spp., <i>Capsicum annum</i> (cabai besar, paprika, bell-pepper, hot	daun (leaves), bagian tanaman di atas tanah	Indonesia: Jawa, Sumatera, Lombok Africa: Kenya, Mauritius, South Africa America: USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	GOLONGAN / GROUP	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	1929, <i>Phylcoptes carinatus</i> , <i>Phytoptes carinatus</i> , <i>Typhlodromus carinatus</i> Green, 1890 (Acari: Eriophyidae); purple mite, purple tea mite, ribbed tea mite		pepper, chilies, red pepper), <i>Carica papaya</i> (pepaya, papaya), <i>Spathiphyllum</i> , <i>Viburnum</i> spp., <i>Viburnum opulus</i> (guelder rose)		Asia: Cambodia, China, India, Georgia, Japan, Lao PDR (Laos), Malaysia, Republic of Korea (South Korea), Sri Lanka, Taiwan, Vietnam Europe: Italy, Portugal, Russian Federation, Spain Oceania: Australia, New Zealand
3.	<i>Eutetranychus orientalis</i> (Klein, 1936); (Syn. <i>Anychus latus</i> , <i>A. orientalis</i> , <i>A. ricini</i> , <i>Eutetranychus aneckei</i> Meyer, <i>E. Latus</i> , <i>E. monodi</i> Andre, <i>E. sudanicus</i> Elbadry); (Acari: Tetranychidae); citrus brown mite, oriental mite, oriental red mite, oriental spider mite	II	<i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Caladium</i> spp. (keladi), <i>Carica papaya</i> (pepaya, papaya), <i>Citrus</i> sp. (jeruk, orange), <i>Citrus hystrix</i> (mauritius bitter orange, leech lime), <i>Codiaeum variegatum</i> (garden croton), <i>Ficus carica</i> (ara, fig), <i>Gossypium</i> (kapas, cotton), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Musa</i>	daun (leaves), bagian tanaman di atas tanah	Indonesia: Sumatera, Jawa (Jawa Barat) Africa: Burkina Faso , Cape Verde, Egypt, Eswatini, Kenya, Malawi, Mali, Mauritania, Morocco, Mozambique, Nigeria, Senegal, South Africa, Sudan, Tunisia Asia: Afghanistan, Bangladesh, China, Hong Kong, India, Iran,

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			<i>paradisiaca</i> (pisang kepok, plantain), <i>Morus alba</i> (murbei, mulberry), <i>Nephelium lappaceum</i> (rambutan, rambutan), <i>Olea europea</i> subsp. <i>europea</i> (zaitun, olive), <i>Phaleria macrocarpa</i> (mahkota dewa), <i>Prunus dulcis</i> (almon, badam, almond), <i>Psidium guajava</i> (jambu biji, guava), <i>Plumeria</i> (frangipani), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Ziziphus mauritiana</i> (jujube).		Iraq, Israel, Japan, Jordan, Kuwait, Lebanon, Malaysia, Nepal, Pakistan, Saudi Arabia, Syria, Taiwan, Thailand, Turkey, United Arab Emirates, Yemen Europe: Cyprus, Greece, Serbia, Spain Oceania: Australia
4.	<i>Oligonychus coffeae</i> (Nietner, 1861); (Syn. <i>Acarus coffeae</i> Nietner, <i>Matatetranychus bioculatus</i> (Wood-Mason), <i>Oligonychus</i>	II	<i>Anacardium occidentale</i> (jambu mete, cashew-nut), <i>Camellia sinensis</i> (teh, tea), <i>Coffea</i> spp. (kopi, coffee), <i>Coffea arabica</i> (kopi	daun (leaves), tanaman (whole plant)	Indonesia: Jawa, Sumatera Africa: Congo, DR Congo, Egypt, Ethiopia, Kenya, Malawi,

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	<p><i>bioculatus</i>, <i>O. merwei</i> Tucker, <i>Paratetranychus bioculatus</i>, <i>P. terminalis</i> Sayed, <i>Tetranychus bioculatus</i> Wood-Mason) (Acari: Tetranychidae); <i>tea red spider mite</i>, <i>red coffee mite</i></p>		<p>arabika, arabica coffee), <i>Citrus</i> sp. (jeruk, orange), <i>Cinnamomum camphora</i> (camphor laurel), <i>Corchorus capsularis</i> (white jute), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Eucalyptus globulus</i> (tasmanian blue gum), <i>Gossypium</i> (kapas, cotton), <i>Hevea brasiliensis</i> (karet, rubber tree), <i>Indigofera</i> (indigo), <i>Lagerstroemia</i>, <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Mangifera indica</i> (mangga, mango), <i>Morus alba</i> (murbei, mulberry), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Terminalia catappa</i> (ketapang, Indian almond), <i>Vigna mungo</i>, <i>Vitis vinifera</i> (anggur grapevine)</p>		<p>Mauritius, South Africa, Tanzania America: Costa Rica, Ecuador, USA Asia: Bangladesh, China, Georgia, India, Japan, Myanmar, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand, Vietnam Europe: Russia and Federation Oceania: Australia</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	GOLONGAN / GROUP	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
5.	<p><i>Phyllocoptruta oleivora</i> (Ashmead, 1879); (Syn. <i>Ariphytes oleivorus</i>, <i>Phyllocoptes oleivorus</i>, <i>Phyllocoptrata oleivorus</i>, <i>Typhidromus oleivorus</i>); (Acari: Eriophyidae); citrus rust mite, buckskin, mite lemons</p>	II	<p><i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantiifolia</i> (lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus limon</i> (lemon), <i>Citrus maxima</i> (pummelo), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (navel orange), <i>Clausena lansium</i> (wampi), <i>Fortunella</i> (kumquats)</p>	daun (leaves), buah (fruits), batang (stems)	<p>Indonesia: Jawa, Kalimantan (Kalimantan Barat), Sumatera (Sumatera Utara, Bengkulu), Batam, Lombok Africa: Angola, Congo, Egypt, Kenya, Madagascar, Malawi, Mauritania, Mauritius, Mozambique, Nigeria, Senegal, South Africa, Tanzania, Uganda, Zambia America: Argentina, Bermuda, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, Guatemala, Jamaica, Mexico, Peru, Puerto Rico, Trinidad and Tobago, USA, Uruguay, Venezuela Asia: China, India, Iran,</p>

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					Israel, Japan, Jordan, Lebanon, Malaysia, Philippines, Syria, Taiwan, Thailand, Turkey, Vietnam Europe: Bosnia and Herzegovina, Croatia, Cyprus, Italy, Malta, Montenegro, North Macedonia, Serbia, Slovenia Oceania: Australia, Cook Islands, Fiji, New Zealand
6.	<i>Raoiella indica</i> Hirst (1924); (Acari: Tenuipalpidae); red palm mite, coconut mite, frond crimson mite, leaflet false spider mite, red date palm mite, scarlet mite	II	Acer (maple), <i>Acoelorrhaphes wrightii</i> (everglades palm), <i>Adonidia arecina</i> , <i>Adonidia merrillii</i> (christmas palm), <i>Aiphanes minima</i> , <i>Aplinia purpurata</i> (red ginger), <i>Alpinia vittata</i> , <i>Alpinia zerumbet</i> (shell ginger), <i>Archontophoenix alexandrae</i> , <i>Areca catechu</i>	daun (leaves), bagian tanaman di atas tanah	Indonesia: Jawa, Kalimantan, Nusa Tenggara Barat (Lombok), Tarakan, Sulawesi (Sulawesi Tenggara), Flores, Ternate Africa: Benin, Egypt, Mauritius, Namibia, Reunion, South Africa,

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			(pinang, betelnut palm), <i>Arecaceae, Arenga pinnata</i> (aren, sugar palm), <i>Bactris plumeriana,</i> <i>Beccariophoenix madagascariensis,</i> <i>Bismarckia nobilis, Butia capitata</i> (coquinho-azedo), <i>Calathea arundinacea</i> (variegated calatea), <i>Calathea lutea</i> (calathea), <i>Caryota mitis,</i> <i>Chamaedorea,</i> <i>Coccothrinax argentata,</i> <i>Coccothrinax mitaguama,</i> <i>Corypha umbtaculifera,</i> <i>Curcuma longa</i> (kunyit, turmeric), <i>Cycas,</i> <i>Cyrtostachys renda, Cocos nucifera</i> (kelapa, coconut), <i>Dictyosperma album,</i> <i>Dyopsis decaryi</i> (triangle palm), <i>Dyopsis lutescens,</i> <i>Elaeis guineensis</i> (kelapa		Sudan, Tanzania, Tunisia America: Barbados, Brazil, Colombia, Cuba, Dominica, Dominican Republic, Ecuador, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Jamaica, Martinique, Mexico, Paraguay, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, United States Virgin Island, USA , Venezuela Asia: India, Iran, Jordan, Oman, Pakistan, Philippines, Saudi Arabia, Sri Lanka, Thailand, United Arab Emirates

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			sawit, oil palm), <i>Elaeodendron transvaalense</i> , <i>Ettingera elatior</i> (torch ginger), <i>Eucalyptus deglupta</i> (kamarere), <i>Eugenia uniflora</i> (Surinam cherry), <i>Heliconia</i> spp. (flower banana), <i>Heliconia bihai</i> (macaw flower), <i>Heliconia caribaea</i> , <i>Heliconia caribaea x bihai</i> , <i>Heloconia chartacea</i> , <i>Heliconia episcopalis</i> , <i>Heliconia latispatha</i> , <i>Heliconia marginata</i> , <i>Heliconia psittacorum</i> , <i>Heliconia rostrata</i> , <i>Latania lontaroides</i> , <i>Licuala grandis</i> , <i>Licuala spinosa</i> , <i>Livistonis chinensis</i> (Chinese fan palm), <i>Microcycas calocoma</i> , <i>Musa</i> spp. (pisang,		

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			banana), <i>Musa acuminata</i> (wild banana), <i>Musa balbisiana</i> , <i>Musa corniculata</i> , <i>Musa ornate</i> (flowering banana), <i>Musa uranoscopus</i> , <i>Ocimum basilicum</i> (basil), <i>Pandanus utilis</i> (common screw pine), Phaseolus (beans), <i>Phoenix canariensis</i> (canary island date palm), <i>Phoenix dactylifera</i> (kurma, date palm), <i>Phoenix reclinata</i> , <i>Phoenix roebelenii</i> , <i>Phoenix rupicola</i> , <i>Pritchardia pacifica</i> , <i>Pritchardia vuylestkeana</i> , <i>Pseudophoenix vinifera</i> , <i>Ptychosperma elegans</i> (solitaire palm), <i>Ptychosperma macarrthuri</i> (macarthur palm), <i>Ravenala madagascariensis</i> ,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	GOLONGAN / GROUP	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
			<i>Renealmia alpinia</i> , <i>Renealmia aurantifera</i> , <i>Rhapis excelsa</i> , <i>Roystonea</i> <i>borinquena</i> , <i>Sabal</i> <i>blackburniana</i> , <i>Sabal</i> <i>mauritiformis</i> , <i>Schippia</i> <i>concolor</i> , <i>Strelitzia reginae</i> (queens bird-of-paradise), <i>Syagrus romanzoffianum</i> (queen palm), <i>Syagrus</i> <i>schizophylla</i> , <i>Thrinax</i> <i>radiata</i> , <i>Veitchia arecina</i> , <i>Veitchia merrillii</i> , <i>Washingtonia filifera</i> (desert fanpalm), <i>Washingtonia robusta</i> (Mexican Washington- palm), <i>Wodyetia bifurcata</i> (foxtail palm), <i>Zingiber</i> (jahe, ginger)		
7.	<i>Tenuipalpus orchidarum</i> (Parfitt, 1859); (Acari: Tenuipalpidae); red mite of orchid	II	Orchidaceae (angrek, orchids)	tanaman (whole plant)	Indonesia: Jawa

3. KEONG (*SNAILS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKAS I/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Pila polita</i> Jeshayes; (Syn. <i>Ampularia pagoda</i>); Ampullariidae; apple snail	<i>Oryza sativa</i> (padi, paddy, rice), tumbuhan air tawar (aquatic plants)	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Indonesia: Jawa (Jawa Timur), Sumatera Asia: China, India, Cambodia, Thailand
2.	<i>Pomacea insularum</i> ; Ampullariidae; island apple snail	Tumbuhan air (aquatic plants), berbagai tipe vegetasi tanaman	media tanam (growing media associated with plants) tumbuhan dan/atau bagian- bagiannya (plant and part of plant)	Indonesia: Kalimantan America: Argentina, Brazil, Bolivia, Paraguay, Uruguay Asia: Thailand

4. NEMATODA (*NEMATODES*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<p><i>Aphelenchoides fragariae</i> (Ritzema – Bos, 1891) Christie, 1932; (Syn. <i>Aphelenchoides olesistus</i> (Ritzema Bos, 1893) Steiner, 1932, <i>Aphelenchoides olesistus</i> var. <i>longicollis</i> (Schwartz, 1911) Goodey, 1933, <i>Aphelenchoides pseudolesistus</i> (Goodey, 1928) Goodey, 1933, <i>Aphelenchus fragariae</i> Ritzema Bos, 1891, <i>Aphelenchus olesistus</i> Ritzema Bos, 1893, <i>Aphelenchus olesistus</i> var. <i>longicollis</i> Schwartz, 1911, <i>Aphelenchus pseudolesistus</i> Goodey, 1928); Aphelenchoididae;</p>	<p><i>Ageratum conyzoides</i> (babadotan, billygoat weed), <i>Acalypha lanceolata</i> (pulus hayam), <i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> (bawang bombai, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Andrographis paniculata</i> (sambiloto, king of bitter plant), <i>Anigozanthos</i> sp., <i>Anthurium andreanum</i>, <i>Asplenium nidus</i> (bird's-nest fern), <i>Avena sativa</i> (oat, oats), Azaleas, <i>Barleria cristata</i> (Philippine violet), <i>Begonia</i> spp., <i>Borreria</i> sp., <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Caucasia</i> "Compinkle", <i>Chenopodium album</i> (fat hen), <i>Chloranthus spicatus</i>,</p>	<p>biji (true seeds, grain), bibit (seedlings, micropropagated plants), buah (fruits), bunga potong (flowers, inflorescences, cones, calyx), daun (leaves), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with plants), rizom (rhizomes), sisa tanaman yang terinfeksi (infected plants debris), stek (cuttings), stolon (stolons), tanah (soil), umbi (bulbs, tubers)</p>	<p>Indonesia: Jawa (Banten, DKJ, Jawa Barat, Jawa Tengah, Jawa Timur), Lombok, Sulawesi (Sulawesi Selatan), Sumatera (Bengkulu, Sumatera Utara, Lampung) Africa: Spain America: Canada, Chile, Cuba, Mexico, USA Asia: China, India, Israel, Japan, Kyrgyzstan, Republic of Korea (South Korea), Turkey Europe: Belgium, Bulgaria, Denmark, Estonia, France, Germany, Hungary, Ireland, Italy, Latvia, Moldova, Netherlands, Norway, Poland, Portugal, Russia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	bud and leaf nematode, fern nematode, strawberry crimp nematode, strawberry spring dwarf nematode	<i>Cobotium chamissoi</i> , <i>Cornus canadensis</i> (creeping dogwood), <i>Erigeron annuus</i> (annual fleabane), <i>Eriobotrya japonica</i> (loquat), <i>Ficus carica</i> (ara, fig), <i>Ficus elastica</i> (rubber plant), <i>Ficus macrophylla</i> (moreton bay fig), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Fritillaria</i> spp., <i>Helianthus tuberosus</i> (Jerusalem artichoke), <i>Hibiscus rosa-sinensis</i> (kembang sepatu, china-rose), <i>Hosta</i> spp., <i>Hydrangea macrophylla</i> (French hydrangea), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lamium maculatum</i> (spotted deadnettle), <i>Lilium</i> spp., <i>Lindernia</i> sp. (gulma daun sirih), <i>Maranta leuconeura</i> (banded arrowroot), <i>Osmunda regalis</i> , <i>Oxalys sepium</i>		Zealand, Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(calincing), Peony, <i>Pimpinella diversifolia</i> , <i>Polygonum blumei</i> (tufted knotweed (USA)), <i>Pteris</i> spp., <i>Primula</i> sp., <i>Prunus persica</i> (persik, peach), <i>Pleocnemia</i> sp., <i>Psychotria nervosa</i> , <i>Pteris</i> spp., <i>Rhododendron</i> spp. (azaleas), <i>Rhododendron simsii</i> (sim's azalea), <i>Rorippa atrovirens</i> , <i>Ruscus hypophyllum</i> , <i>Saintpaulia ionantha</i> (African violet), <i>Saxifraga</i> spp. (saxifrage), <i>Senecio vulgaris</i> , <i>Solanum nigrum</i> (leunca, black nightshade), <i>Stellaria media</i> (common chickweed), <i>Tolmiea menziesii</i> (pick-a-back plant), <i>Veronica arvensis</i> (corn speedwell), <i>Viola odorata</i> (english violet), <i>Weigela subsessilis</i> (Korean weigela), Western Sword-fern, <i>Wulfenia</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<i>carinthiaca</i>		
2.	<i>Ditylenchus angustus</i> (Butler, 1913) Filipjev, 1936; (Syn. <i>Anguillulina angusta</i> (Butler, 1913) Goodey, 1932, <i>Tylenchus angustus</i> Butler, 1913); Anguinidae; rice stem nematode, ufra disease	<i>Echinochloa colona</i> (junglerice), <i>Leersia hexandra</i> (southern cut grass), <i>Oryza alta</i> , <i>Oryza cubensis</i> , <i>Oryza eichingeri</i> , <i>Oryza glaberrima</i> , <i>Oryza latifolia</i> , <i>Oryza meyeriana</i> , <i>Oryza minuta</i> , <i>Oryza nivara</i> , <i>Oryza perennis</i> , <i>Oryza officinalis</i> , <i>Oryza rufipagen</i> , <i>Oryza</i> (rice (generic level)), <i>Oryza sativa</i> (padi, paddy, rice), <i>Sacciolepsis interrupta</i>	batang (stems (above ground), shoots, trunks, branches), biji baru panen (newly harvested true seeds, grain), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences, cones, calyx), buah (fruit, pods), daun (leaves), jerami (straw), malai (panicles), tanah (soil)	Indonesia: Jawa, Kalimantan (Kalimantan Selatan) Asia: Bangladesh, India, Malaysia, Myanmar, Philippines, Thailand
3.	<i>Globodera rostochiensis</i> (Wollenweber, 1923) Skarbilovich, 1959; (Syn. <i>Globodera rostochiensis</i> (Wollenweber, 1923) Behrens, 1975, <i>Heterodera</i> (<i>Globodera</i>) <i>rostochiensis</i> Wollenweber, 1923 (Skarbilovich, 1959),	<i>Datura stramonium</i> (jimsonweed), <i>Lycopersicon pimpinellifolium</i> (currant tomato), <i>Solanum</i> (nightshade), <i>Solanum aviculare</i> (kangaroo apple), <i>Solanum gilo</i> (gilo), <i>Solanum indicum</i> (indian nightshade), <i>Solanum lycopersicum</i> (tomat,	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers,	Indonesia: Jawa (Jawa Barat, Jawa Tengah, Jawa Timur), Sumatera (Sumatera Utara, Jambi), Sulawesi (Sulawesi Utara) Africa: Algeria, Egypt, Kenya, Libya, Rwanda, South Africa, Tunisia, Uganda America: Bolivia, Canada, Chile,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Heterodera rostochiensis</i> Wollenweber, 1923, <i>Heterodera schachtii rostochiensis</i> Wollenweber, 1923, <i>Heterodera schachtii solani</i> Zimmerman, 1927); Heteroderidae; nematoda sista (kentang)/golden cyst nematode, potato golden nematode, yellow potato cyst nematode</p>	<p>tomato), <i>Solanum marginatum</i> (white-edged nightshade), <i>Solanum mauritianum</i> (tree tobacco), <i>Solanum melongena</i> (terung, eggplant), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum quitoense</i> (narangillo), <i>Solanum sarrachoides</i> (green nightshade), <i>Solanum tuberosum</i> (kentang, potato)</p>	<p>corms, rhizomes)</p>	<p>Colombia, Ecuador, Falkland Islands, Mexico, Panama, Peru, USA, Venezuela Asia: Armenia, Georgia, India, Iran, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Oman, Pakistan, Philippines, Sri Lanka, Tajikistan, Turkey Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Faroe Islands, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Zealand, Norfolk Island
4.	<i>Hemicriconemoides mangiferae</i> Siddiqi, 1961; (Syn. <i>Hemicriconemoides birchfieldi</i> Edward et al., 1965); Criconematidae; ring nematode	<i>Alnus</i> (alders), <i>Anacardium occidentale</i> (cashew nut), <i>Ananas comosus</i> (nanas, pineapple), <i>Artocarpus heterophyllus</i> (nangka, jackfruit), <i>Artocarpus integer</i> (cempedak, champedak), <i>Bambusa vulgaris</i> (bambu, common bamboo), <i>Carica papaya</i> (pepaya, papaya), <i>Citrus</i> spp., <i>Cocos nucifera</i> (kelapa, coconut), <i>Dimocarpus longan</i> (longan tree), <i>Eriobotrya japonica</i> (loquat), <i>Gossypium hirsutum</i> (bourbon cotton), <i>Grewia asiatica</i> (phalsa), <i>Litchi chinensis</i> (lichi), <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Manilkara zapota</i> (sawo, sapodilla), <i>Musa</i> spp. (pisang, banana), <i>Musa x</i>	akar (roots), bibit (seedlings, micropropagated plants), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil)	Indonesia: Jawa Africa: Egypt, Ghana, Ivory Coast, Nigeria, South Africa, Sudan America: Brazil, Costa Rica, Cuba, Dominica, Ecuador, Grenada, Mexico, Peru, Saint Kitts and Nevis, Saint Lucia, Trinidad and Tobago, USA, Venezuela Asia: Bangladesh, Brunei Darussalam, China, India, Iran, Israel, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Thailand, Vietnam Oceania: American Samoa, Fiji, New Caledonia, Papua Nugini, Samoa, Tonga

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>paradisiaca</i> (plantain), <i>Nephelium litchii</i> (leci, lychee), <i>Persea americana</i> (avokad, avocado), <i>Phoenix dactylifera</i> (kurma, date-palm), Piper (pepper), <i>Prunus armeniaca</i> (aprikot, apricot), <i>Psidium guajava</i> (jambu biji, guava), Poacea (rumpun-rumpun), Rosa (mawar, roses), <i>Saccharum officinarum</i> (tebu, sugarcane), Salix (willow), <i>Theobroma cacao</i> (kakao, cocoa), <i>Umbellularia californica</i> (California laurel), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize)		
5.	<i>Heterodera glycines</i> Ichinohe, 1952; Heteroderidae; soybean cyst nematode	<i>Aeschynomene indica</i> (Indian jointvetch), <i>Beta vulgaris</i> (bit, beetroot), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Capsella bursa-pastoris</i> (shepherd's purse), Fabaceae	akar (roots), batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated	Indonesia: Jawa, Sumatera (Lampung) Africa: Egypt America: Argentina, Brazil, Canada, Colombia, Ecuador, Paraguay, Puerto Rico, USA

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(kacang-kacangan, leguminous plants), Geranium (cranesbill), <i>Glycine</i> spp., <i>Glycine max</i> (kedelai, soyabean), <i>Kummerowia striata</i> (Japanese lespedeza), <i>Lamium amplexicaule</i> (henbit deadnettle), <i>Lamium purpureum</i> (purple dead nettel), <i>Lespedeza cuneata</i> (sericea lespedeza), <i>Lespedeza juncea</i> var. <i>sericea</i> (sericea lespedeza), Lupinus (lupins), <i>Lupinus albus</i> (white lupine), <i>Nicotiana tabacum</i> (tembakau, tobacco), Penstemon, <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kapri, sweet pea), <i>Pelargonium</i> sp. (geranium), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sesbania exaltata</i> (coffeebean (USA)), <i>Stellaria media</i>	plants), biji (true seeds, grain), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Asia: China, DPR Korea (North Korea), India, Iran, Japan, Mongolia, Republic of Korea (South Korea) Europe: Italy, Russia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(common chickweed), <i>Thlaspi arvense</i> (field pennycress), <i>Verbascum thapsus</i> (Aaron's-rod), <i>Vicia villosa</i> (hairy vetch), <i>Vigna aconitifolia</i> (moth beans), <i>Vigna angularis</i> (adzuki bean), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (kacang hijau, mungbean)		
6.	<i>Macroposthonia onoensis</i> ; Criconematidae; ring nematode	Citrus, <i>Mangifera indica</i> (mangga, mango), <i>Syzygium aromaticum</i> (cengkeh, clove)	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil)	Indonesia: Jawa, Sumatera (Sumatera Selatan, Lampung) America: Trinidad and Tobago Asia: India
7.	<i>Meloidogyne graminicola</i> Golden & Birchfield 1965; Meloidogynidae; rice root-knot nematode	<i>Ageratum conyzoides</i> , <i>Agropyron repens</i> , <i>Alisma plantago</i> , <i>Allium cepa</i> (<u>bawang bombai</u> , onion), <i>Allium fistulosum</i> , <i>Alopecurus</i> spp. (foxtails), <i>Ammania pentandra</i> , Andropogon	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with	Indonesia: Jawa (Jawa Barat, DIY, Jawa Tengah), Sulawesi (Sulawesi Selatan), Bali, Papua, Kalimantan (Kalimantan Timur), Sumatera (Sumatera Utara) Africa: Madagascar, South Africa

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(beardgrass), <i>Amaranthus spinosus</i> , <i>Amaranthus viridis</i> , <i>Avena sativa</i> , <i>Beta vulgaris</i> , Blumea, Brassica, <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Capsicum annuum</i> , <i>Cenchrus</i> spp., <i>Catharanthus roseus</i> , Cerealia, <i>Colocasia esculenta</i> , <i>Commelina benghalensis</i> , <i>Coriandrum sativum</i> , <i>Coix lacrymajobi</i> , <i>Comelina nudiflora</i> , <i>Cucumis sativus</i> , <i>Cynodon dactylon</i> (rumput bermuda, bermuda grass), <i>Cyperus brevifolius</i> , <i>Cyperus compressus</i> , <i>Cyperus difformis</i> , <i>Cyperus iria</i> , <i>Cyperus flavidus</i> , <i>Cyperus odoratus</i> , <i>Cyperus imbricatus</i> (shingle flatsedge), <i>Cyperus procerus</i> , <i>Cyperus pulcherrimus</i> , <i>Cyperus rotundus</i> (purple nutsedge), <i>Digitaria sanguinalis</i> ,	plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	America: Brazil, Colombia, Ecuador, USA Asia: Bangladesh, Cambodia, China, India, Lao PDR (Laos), Malaysia, Myanmar, Nepal, Pakistan, Philippines, Singapore, Republic of Korea (South Korea), Sri Lanka, Thailand, Vietnam Europe: Italy

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
		<p><i>Digitaria filiformis</i> (slender crabgrass), <i>Eclipta alba</i>, <i>Echinochloa colona</i> (junglerice), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Eleusine coracana</i> (finger millet), <i>Eleusine indica</i> (goose grass), <i>Eragrotis amabilis</i>, <i>Fimbristylis complanata</i>, <i>Fimbristylis dichotoma</i> (tall fringe rush), <i>Fimbristylis pilosa</i>, <i>Fimbristylis littoralis</i> (lesser fimbristylis), <i>Fuirena glomerata</i>, <i>Glycine max</i> (kedelai, soyabean), <i>Gamochaeta coarctata</i>, <i>Grangea madraspatensis</i>, <i>Gnaphalium coarctatum</i>, <i>Herminium</i> sp., <i>Heteranthera reniformis</i>, <i>Hordeum vulgare</i> (barli, barley), <i>Hydrilla</i> spp., <i>Impatiens balsamina</i>, <i>Imperata cylindrica</i>, <i>Ichaimum mutichum</i>,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Ischaemum rugosum</i> (saramolla grass), <i>Lactuca sativa</i>, <i>Leptochloa coloniculus</i>, <i>Lindernia</i> spp., <i>Leersia hexandra</i>, <i>Ludwigia</i> (waterprimrose), <i>Ludwigia adscendens</i>, <i>Ludwigia peruviana</i>, <i>Marsilea crenata</i>, <i>Melilotus alba</i>, <i>Monochoria vaginalis</i> (pickerel weed), <i>Murdannia keisak</i>, <i>Musa</i> (banana), <i>Oryza sativa</i> (padi, paddy, rice), <i>Oxalis corniculata</i>, <i>Panicum dichotomiflorum</i>, <i>Panicum miliaceum</i> (millet), <i>Panicum repens</i> (torpedo grass), <i>Paspalum scrobiculatum</i> (ricegrass paspalum), <i>Pennisetum glaucum</i>, <i>Petunia</i> sp., <i>Phaseolus vulgaris</i>, <i>Phyllanthus urinaria</i> (leafflower), <i>Pisum sativum</i>, <i>Poa annua</i> (annual</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		meadowgrass), Poaceae (grasses), <i>Polygonum barbatum</i> , <i>Portulaca oleracea</i> , Ranunculus (buttercup), <i>Ranunculus pusillus</i> , <i>Saccharum officinarum</i> , <i>Setaria italica</i> , <i>Scirpus articulatus</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), Sphaeranthus, <i>Sphenoclea zeylanica</i> (wedgewort), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> , <i>Solanum nigrum</i> , <i>Solanum sisymbriifolium</i> , <i>Solanum tuberosum</i> , <i>Spergula arvensis</i> , <i>Spinacia oleracea</i> , <i>Stagnima</i> sp., <i>Stellaria media</i> , <i>Trifolium repens</i> , <i>Triticum aestivum</i> (gandum, wheat), <i>Vicia faba</i> , <i>Vigna unguiculata</i> , <i>Zea mays</i> (jagung, corn, maize)		
8.	<i>Meloidogyne hapla</i> Chitwood, 1949;	<i>Actinidia chinensis</i> (Chinese gooseberry), <i>Actinidia</i> spp.	akar (roots), bibit (seedlings,	Indonesia: Jawa, Sulawesi (Sulawesi Utara)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Meloidogynidae; northern root-knot nematode	<i>Ageratina adenophora</i> (Croftonweed), <i>Allium cepa</i> (bawang bombay, onion), <i>Anemone</i> (windflower), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Camellia sinensis</i> (teh, tea), <i>Capsicum annuum</i> (cabai besar, paprika, bell pepper, hot pepper, red pepper, chili), <i>Chenopodium album</i> (fat hen), <i>Chenopodium quinona</i> (quinona), <i>Chrysanthemum</i> spp. (daisy), <i>Cichorium intybus</i> (chicory), Coffea (kopi, coffee), <i>Convolvulus arvensis</i> (bindweed), <i>Cucumis</i> (melon, melons, cucumbers, gerkins),	micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), polong dalam tanah (pods in the ground), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Africa: Algeria, Cameroon, Egypt, Ethiopia, Ivory Coast, Kenya, Libya, Malawi, Morocco, Nigeria, South Africa, Tanzania, Uganda, Zimbabwe America: Argentina, Brazil, Canada, Chile, Colombia, Costa Rica, Ecuador, Guatemala, Mexico, Panama, Paraguay, Peru, Uruguay, USA, Venezuela Asia: Armenia, China, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Malaysia, Mongolia, Pakistan, Philippines, Republic of Korea (South Korea), Sri Lanka, Taiwan, Tajikistan, Thailand, Turkey, Turkmenistan, Uzbekistan Europe: Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czechia, Estonia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		Cyclamen, <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Dioscorea batatas</i> (Chinese yam), <i>Eustoma grandiflorum</i> (Lisianthus (cut flower crop)), Fabaceae (kacang-kacangan, leguminous plants), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Lactuca sativa</i> (selada, lettuce), <i>Linum usitatissimum</i> (flax), <i>Lupinus Linnaeus</i> (lupins), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Mentha</i> (mints), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Olea europeae</i> subsp. <i>europeae</i> (zaitun, olive), <i>Pelargonium</i> (geranium), <i>Phaseolus</i> (kacang, beans), <i>Pisum sativum</i> (peas), <i>Raphanus sativus</i> (lobak,		Italy, Latvia, Lithuania, North Macedonia, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Serbia, Ukraine, Union of Soviet Socialist Republics, United Kingdom Oceania: Australia, New Zealand, Norfolk Island, Papua Nugini

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		radish), <i>Rubus</i> (blackberry, raspberry), <i>Rosa</i> (mawar, rose), <i>Sinapsis alba</i> (white mustard), <i>Solanum</i> (nightshade), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum nigrum</i> (black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Tanacetum cinerariifolium</i> (Phyretrum), <i>Trifolium</i> (semanggi, clover), <i>Vicia</i> (vetch), <i>Vicia faba</i> (faba beans), <i>Vicia sativa</i> (common vetches), <i>Vitis vinifera</i> (anggur, grapevine)		
9.	<i>Pratylenchus brachyurus</i> (Godfrey, 1929) Filipjev & Schuurmans Stekhoven, 1941; (Syn. <i>Anguillulina</i> (<i>Pratylenchus</i>) <i>brachyura</i> (Godfrey, 1929) Goodey, 1932 (W. Schneider, 1939),	<i>Abelmoschus esculentus</i> (okra), <i>Acalypha hispida</i> (Copperleaf), <i>Acer rubrum</i> (red maple), <i>Allium cepa</i> (onion), <i>Allium fistulosum</i> (Welsh onion), <i>Anacardium occidentale</i> (cashew nut), <i>Ananas comosus</i> (nanas,	akar (roots), batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), media tanam yang melekat pada	Indonesia: Jawa, Sumatera (NAD, Sumatera Barat) Africa: Benin, Botswana, Cameroon, Egypt, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Nigeria, Réunion, Senegal, South Africa,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Anguillulina brachyura</i> (Godfrey, 1929), Goodey, 1932, <i>Pratylenchus leiocephalus</i> Steiner, 1949, <i>Pratylenchus pratensis</i> Thorne, 1949, <i>Pratylenchus steineri</i> Lordello, Zamith & Boock, 1954, <i>Tylenchus</i> (Chitinotylenchus) <i>brachyurus</i> Godfrey, 1929 (Filipjev, 1934), <i>Tylenchus brachyurus</i> Godfrey, 1929; Pratylenchidae; smooth headed nematode, root lesion nematode</p>	<p>pineapple), <i>Arachis hypogea</i> (kacang tanah, peanut), <i>Areca catechu</i> (betelnut palm), <i>Avena sativa</i> (oats), <i>Bambusa vulgaris</i> (common bamboo), <i>Bidens pilosa</i> (blackjack), <i>Cajanus cajan</i> (pigeon pea), <i>Camellia sinensis</i> (teh, tea), <i>Casuarina equisetifolia</i> (casuarina), <i>Cattleya</i>, <i>Chrysanthemum coronarium</i> (garland chrysanthemum), <i>Citrullus</i>, <i>Citrus</i> spp., <i>Cocos nucifera</i> (coconut), <i>Coffea</i> spp. (kopi, coffee), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita</i> (pumpkin), <i>Cymbopogon citratus</i> (citronella grass), <i>Dianthus barbatus</i> (sweet williams), <i>Digitaria decumbens</i> (pangolagrass), <i>Dioscorea</i> (yam), <i>Dacryodes</i></p>	<p>tanaman (growing media associated with plants), polong dalam tanah (pods in the ground), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Togo, Uganda, Zambia, Zimbabwe America: Belize, Bolivia, Brazil, Canada, Costa Rica, Colombia, Cuba, French Guiana, Guatemala, Guyana, Hawaii, Honduras, Mexico, Peru, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: Afghanistan, Brunei Darussalam, Georgia, India, Iran, Israel, Japan, Malaysia, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Singapore, Sri Lanka, Turkey, Uzbekistan, Vietnam Europe: Bulgaria, Cyprus, Italy, Russia Oceania: Australia, Cook Islands, Fiji, Niue, Samoa, Tonga</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>edulis</i> (kenari, African pear), Eucalyptus, <i>Eustoma grandiflorum</i> (Lisianthus (cut flower crop)), <i>Feijoa sellowiana</i> (Horn of plenty), <i>Ficus carica</i> (common fig), <i>Fragaria</i> (strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Gossypium barbadense</i> (Gallini cotton), <i>Gossypium hirsutum</i> (bourbon cotton), <i>Helianthus annuus</i> (sunflower), <i>Hevea brasiliensis</i> (karet, rubber tree), <i>Hibiscus cannabinus</i> (kenaf), <i>Hordeum vulgare</i> (barley), <i>Hyparrhenia rufa</i> (Jaragua grass), <i>Impatiens</i> (balsam), <i>Ipomoea batatas</i> (sweet potato), <i>Leucaena leucocephala</i> (leucaena), <i>Lilium</i> (lily), <i>Liriodendron tulipifera</i> (tuliptree), <i>Macadamia</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>integrifolia</i> (macadamia nut), <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (cassava), <i>Mentha piperita</i> (Peppermint), <i>Mucuna pruriens</i> (velvet bean), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum purpureum</i> (elephant grass), <i>Persea americana</i> (avokad, avocado), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (common bean), <i>Pinus palustris</i> (longleaf pine), Poaceae (grasses), <i>Prunus persica</i> (persik, peach), <i>Rosa multiflora</i> (multiflora rose), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Secale cereale</i> (rye), <i>Sesamum indicum</i> (sesame), <i>Setaria italica</i> (foxtail millet), <i>Solanum</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (aubergine), <i>Solanum torvum</i> (Turkey berry), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorghum), <i>Sorghum sudanense</i> (Sudan grass), <i>Syagrus oleracea</i> , <i>Theobroma cacao</i> (kakao, cocoa), <i>Tipuana tipu</i> (tipu tree), <i>Triticum aestivum</i> (wheat), <i>Urochloa decumbens</i> (signal grass), Vanilla, <i>Vigna radiata</i> (mung bean), <i>Vigna unguiculata</i> (cowpea), <i>Vigna cylindrica</i> (kacang panjang, long bean), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i> (jahe, ginger)		
10.	<i>Pratylenchus loosi</i> Loof, 1960; Pratylenchidae; root lesion nematode, meadow nematode, Loos' root	<i>Abelmoschus esculentus</i> (okra), <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Acacia deccurens</i> (green wattle), <i>Alternanthera</i>	akar (roots), batang (stems (above ground), shoots, trunks, branches), bibit (seedlings,	Indonesia: Jawa (Jawa Barat) Africa: Senegal America: Brazil, Chile, Guadeloupe, USA Asia: Bangladesh, China, India,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	lesion nematode	<i>sessilis</i> (sessile joyweed), <i>Artemisia vulgaris</i> (mugwort), <i>Camellia sinensis</i> (teh, tea), <i>Cassia alata</i> (Ringworm senna), <i>Catharanthus roseus</i> (Madagascar periwinkle), Cestrum (jessamine), <i>Cinnamomum camphora</i> (camphor laurel), <i>Citrus</i> spp., <i>Coffea</i> spp. (kopi, coffee), <i>Convallaria</i> spp., <i>Cymbopogon citratatus</i> (citronella grass), <i>Cymbopogon nardus</i> , Cyperus, <i>Cyperus rotundus</i> (purple nutsedge), <i>Dioscorea</i> spp. (yam), <i>Dioscorea rotundata</i> , <i>Diospyros kaki</i> (kesemek, persimmon), <i>Dipteryx odorata</i> (tonka bean), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Grevillea robusta</i> (silky oak), <i>Hibiscus rosa- sinensis</i> (China-rose), <i>Imperata cylindrica</i> (cogon	micropropagated plants), daun (leaves), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with plants), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Japan, Iran, Republic of Korea (South Korea), Sri Lanka, Taiwan, Turkey Europe: Bulgaria Oceania: American Samoa, Australia, Cook Islands

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		grass), <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Musa paradisiaca</i> (pisang kepok, plantain), <i>Oplismenus compositus</i> , <i>Panicum repens</i> (torpedo grass), <i>Paspalum notatum</i> (bahiagrass), <i>Pisum sativum</i> (kapri, sweet pea), <i>Poncirus trifoliata</i> (Trifoliolate orange), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Pyrus communis</i> (pir, European pear), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sesbania cannabina</i> (corkwood tree), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Tagetes</i> (marigold), <i>Tecoma stans</i> (yellow bells), <i>Tephrosia</i> (hoary-pea), <i>Tithonia diversifolia</i> (Tithonia),		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Vigna cylindrica</i> (kacang tunggak, long bean), <i>Zea mays</i> (jagung, corn, maize)		

5. GULMA NON PARASITIK (*NON PARASITIC WEEDS*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Asystasia gangetica</i> (L.) T. Anderson, 1860; (Syn. <i>Asystasia coromandeliana</i> Ness, <i>Asystasia coromandeliana</i> var. <i>micrantha</i> Nees, <i>Asystasia gangetica</i> (L.) T. Anderson, <i>Asystasia gangetica</i> subsp. <i>gangetica</i> , <i>Asystasia gangetica</i> subsp. <i>micrantha</i> (Nees) Ensermu, <i>Justicia gangética</i> L., <i>Asyneuma coromandeliana</i> (Ness), <i>Aystacia anellioides</i> var. <i>Lanceolata</i> Fiori, <i>Asystasia comorensis</i> var. <i>humilis</i> Ness, <i>Asystasia coromandeliana</i> Burkill & C.B. Clarkle, <i>Aystasia micrantha</i> (Ness) Y.F. Deng & N.H. Xia, <i>Asystasia quartema</i> Ness, <i>Ruellia coromandeliana</i> Wall., <i>Ruellia coromandeliana</i> Ness)); Acanthaceae;	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)	mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)	Indonesia: Jawa (Jawa Barat, Jawa Tengah), Kalimantan (Kalimantan Barat, Kalimantan Timur), Sumatera, Flores Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Cameroon, Central African Republic, Comoros, Congo, Djibouti, DR Congo, Ecuador, Eritrea, Eswatini, Ethiopia, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Liberia, Madagascar, Malawi, Mali, Mauritius, Mayotte, Mozambique, Namibia, Nigeria, Réunion, Rwanda, Sao Tome and

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	Chinese violet, coromandel, creeping foxglove, Ganges primrose, Philippine violet			Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe Antarctica: French Southern Territories Asia: Bangladesh, Bhutan, Brunei Darussalam, China, Cambodia, Hongkong, India, Japan, Malaysia, Maldives, Myanmar, Singapore, Sri Lanka, Lao People's Democratic Republic, Philippines, Saudi Arabia, Taiwan, Thailand, Timor Leste, Oman, Vietnam, Yemen America: Anguilla, Antigua and Barbuda, Bahamas, Barbados, Belize, Bermuda, Brazil, British Virgin Island, Cayman Islands, Cuba, Colombia, Costa Rica, Curaçao, Dominican Republic,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Ecuador, El Salvador, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, Peru, Saint-Barthélemy, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Sint Maarten, Suriname, Trinidad and Tobago, United States Virgin Islands, USA, Venezuela Europe: Netherlands, Spain Oceania: Australia, American Samoa, Fiji, French Polynesia, Guam, Kiribati, Nauru, New Caledonia, New Zealand, Niue, Micronesia, Palau, Papua Newguini, Samoa, Solomon Island, Tonga
2.	<i>Cuphea carthagenensis</i> (Jacq.)	<i>Cocos nucifera</i> (kelapa,	mengkontaminasi	Indonesia: Jawa (Jawa Barat),

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p>J.F.Macbr.; (Syn. <i>Balsamona pinto</i> Vand., <i>Cuphea balsamona</i> (Vand.) Cham. & Schltl., <i>Cuphea divaricata</i> Pohl ex Koehne, <i>Cuphea elliptica</i> Koehne, <i>Cuphea peplidioides</i> Martel ex Koehne, <i>Cuphea pinto</i> Koehne, <i>Lythrum carthagenense</i> Jacq., <i>Parsonsia balsamona</i> (Cham. & Schltl.) Standl., <i>Parsonsia pinto</i> (Vand.) Heller); Lythraceae; Colombian waxweed, Colombian cuphea, sete sangrias, tarweed</p>	<p>coconut), <i>Colocasia esculenta</i> (talas, taro), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Oryza</i> <i>sativa</i> (padi, rice), <i>Phaseolus</i> <i>vulgaris</i> (common bean), <i>Zea</i> <i>mays</i> (jagung, corn, maize), hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)</p>	<p>biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)</p>	<p>Sulawesi (Sulawesi Tengah), Sumatera (Jambi, Lampung, Sumatera Barat), Kepulauan Bangka Belitung, Papua Africa: Burundi, Cameroon, DR Congo, Guinea, Kenya, Liberia, Rwanda, Tanzania America: Argentina, Barbados, Belize, Bolivia, Brazil, Central America, Chile, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, El Salvador, French Guiana, Guadeloupe, Guyana, Guatemala, Honduras, Jamaica, Lesser Antilles, Martinique, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Lucia, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela Asia: Bhutan, China, Hongkong, India, Japan,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
				Malaysia, Myanmar, Philippines, Singapore, Taiwan, Timor Leste Europe: Germany, Portugal Oceania: American Samoa, Australia, Federated States of Micronesia, Fiji, French Polynesia, Guinea, New Caledonia, Northern Mariana Islands, Papua Nugini, Samoa, Tonga, Vanuatu
3.	<i>Praxelis clematidea</i> (Griseb.) R.M. King & H. Rob.; (Syn. <i>Chrysocoma pauciflora</i> Vell., <i>Chrysocoma pauciflora</i> Vell. Conc., 1825, <i>Eupatorium catarium</i> Veldk., <i>Eupatorium clematideum</i> Griseb., <i>Eupatorium urticifolium</i> var. <i>clematideum</i> (Griseb.), <i>Eupatorium urticaefolium</i> var. <i>clematideum</i> (Griseb.) Hieron., <i>Eupatorium urticaefolium</i> var. <i>clematideum</i> Chodat, Hieron ex Kuntze,	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)	mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)	Indonesia: Jawa (Jawa Barat), Sumatera (Jambi, Lampung, Riau, Sumatera Utara), Kepulauan Bangka Belitung, Kalimantan Africa: Guinea, Madagascar America: Argentina, Bolivia, Brazil, Colombia, Chile, Dominican Republic, Ecuador, French Guiana, Guyana, Honduras, Paraguay, Peru, Uruguay, USA, Venezuela Asia: China, HongKong, India,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>Eupatorium urticifolium</i> var. <i>nanum</i> Hieron. ex Kuntze, <i>Eupatorium urticaefolium</i> var. <i>nanum</i> Hieron., <i>Eupatorium urticifolium</i> subsp. <i>clematideum</i> (Griseb.) Hieron., <i>Eupatorium urticifolium</i> subsp. <i>clematideum</i> (Griseb.) Hieron. ex Kuntze, <i>Eupatorium urticifolium</i> subsp. <i>nana</i> Hieron., <i>Eupatorium urticifolium</i> var. <i>clematideum</i> Hieron. ex Kuntze, <i>Eupatorium urticifolium</i> var. <i>nana</i> Hieron.); Asteraceae; Praxelis</p>			<p>Japan, Lao People's Democratic Republic, Macao, Malaysia, Myanmar, Philippines, Singapore, Taiwan, Thailand, Vietnam Europe: Netherlands Oceania: Australia</p>
4.	<p><i>Rivina humilis</i> L.; (Syn. <i>Hillieria secunda</i> H. Walter, <i>Phytolacca latbenia</i> (Bunc.-Ham. ex Wall.), <i>Piercea acuminata</i> Raf., <i>Piercea glabra</i> Mill., <i>Piercea obliquata</i> Raf., <i>Piercea obliquata</i> Raf., <i>Piercea tomentosa</i> Mill., <i>Rivina acuminata</i> Raf., <i>Rivina aurantiaca</i> Warsc. Ex Schenk,</p>	<p><i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Elaeis guineensis</i> (kelapa sawit, oil palm), hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)</p>	<p>mengkontaminasi biji, bibit, media tanam (contaminated true seeds (inc. grain), seedlings, growing media associated with plants)</p>	<p>Indonesia: Bali, Jawa, Sumatera, Flores Africa: Cape Verde, Burundi, Botswana, Eritrea, Ethiopia, Ghana, Ivory Coast, DR Congo, Mayotte, Mauritius, Mayotte, Mozambique, Nigeria, Réunion, Seychelles, Somalia, South Africa,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>Rivina brasiliensis</i> Nocca, <i>Rivina brasiliensis</i> var. <i>viridis</i> (F.W.Schmidt) Moq., <i>Rivina canescens</i> G. Don ex Steud, <i>Rivina glabra</i> L., <i>Rivina glabrata</i> Kunth, <i>Rivina gracilis</i> Salisb., <i>Rivina herbacea</i> Huber, <i>Rivina humilis</i> subsp. <i>canescens</i> (G.Don) Moq., <i>Rivina humilis</i> subsp. <i>orientalis</i> (Moq.) H.Walter, <i>Rivina humilis</i> var. <i>bracteata</i> D.Maity, Sonia Mitra, Manasi Mandal & Maiti, <i>Rivina humilis</i> var. <i>canescens</i> (G.Don) Moq., <i>Rivina humilis</i> var. <i>canescens</i> L., <i>Rivina humilis</i> var. <i>glabra</i> (L.) H.Walter, <i>Rivina humilis</i> var. <i>glabra</i> L., <i>Rivina humilis</i> var. <i>humilis</i>, <i>Rivina humilis</i> var. <i>laevis</i> Millsp., <i>Rivina humilis</i> var. <i>orientalis</i> (Moq.) H.Walter, <i>Rivina humilis</i> var. <i>plumbaginifolia</i> Moq., <i>Rivina</i></p>			<p>Tanzania, Uganda, Zimbabwe America: Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Bermuda, Belize, Bolivia, Brazil, British Indian Ocean Territory, British Virgin Islands, Canada, Caribbean, Central America, Cayman Islands, Colombia, Costa Rica, Cuba, Curaçao, Dominica, Dominican Republic, El Salvador, Ecuador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Madagascar, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Paraguay, Panama, Peru, Puerto Rico, Saint-Barthélemy, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>humilis</i> var. <i>puberula</i> (Kunth) Moq., <i>Rivina</i> <i>humilis</i> var. <i>puberula</i> L., <i>Rivina</i> <i>laevis</i> L.Mant., <i>Rivina</i> <i>laevis</i> f. <i>brasiliensis</i> (Nocca) Voss, <i>Rivina laevis</i> f. <i>humilis</i> (L.) Voss, <i>Rivina laevis</i> f. <i>viridiflora</i> (Bello) Voss, <i>Rivina</i> <i>laevis</i> var. <i>acuminata</i> Moq., <i>Rivina</i> <i>laevis</i> var. <i>pubescens</i> Griseb., <i>Rivina laevis</i> L., <i>Rivina lanceolata</i> Willd., <i>Rivina latbenia</i> Buch.-Ham., <i>Rivina latbenia</i> Buch.-Ham. ex Wall., <i>Rivina mexicana</i> Moc. & Sessé, <i>Rivina mexicana</i> Moc. & Sessé ex Moq., <i>Rivina obliquata</i> Raf., <i>Rivina orientalis</i> Moq., <i>Rivina pallida</i> Salisb., <i>Rivina paraguayensis</i> S.Parodi, <i>Rivina plumbaginifolia</i> Willd. ex Moq., <i>Rivina portulacoides</i> Nutt., <i>Rivina procumbens</i> Ruiz ex Moq., <i>Rivina puberula</i> Kunth., <i>Rivina purpurascens</i> Schrad., <i>Rivina</i></p>			<p>Suriname, Trinidad and Tobago, USA, United States Virgin Islands, Uruguay, Venezuela Asia: Afghanistan, Bangladesh, British Indian Ocean Territory, Chagos Archipelago, China, Christmas Island (Indian Ocean), India, Hongkong, Japan, Malaysia, Maldives, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Taiwan, Thailand, Timor Leste, Vietnam Europe: Austria, Bonaire, Belgium, Estonia, France, Netherlands, Sint Eustatius and Saba (BES), Germany, Sint Maartin, Spain, Sweden, Peru, Portugal, United Kingdom Oceania: Australia, Cocos Islands, Fiji, French Polynesia, Guam, New Caledonia, Norfolk</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>plumbaginifolia</i> Willd. ex Moq., <i>Rivina tetrandra</i> Desf., <i>Rivina</i> <i>tinctaria</i> Buch.-Ham., <i>Rivina</i> <i>tinctaria</i> Buch.-Ham. ex G.Don, <i>Rivina tinctoria</i> Moq., <i>Rivina</i> <i>vernalis</i> Teran & Berland., <i>Rivina</i> <i>viridiflora</i> Bel., <i>Rivina viridis</i> Schmidt in Meyer, <i>Solanoides</i> <i>laevis</i> (L.) Moench, <i>Solanoides</i> <i>pubescens</i> Moench, <i>Solanoides</i> <i>undulata</i> Moench, <i>Tithonia</i> <i>humilis</i> (L.) Kuntze, <i>Tithonia</i> <i>humilis</i> f. <i>albiflora</i> Kuntze, <i>Tithonia humilis</i> f. <i>humilis</i>, <i>Tithonia</i> <i>humilis</i> f. <i>purpurascens</i> (Schrad.) Kuntze, 1891, <i>Tithonia</i> <i>humilis</i> var. <i>canescens</i> Kuntze, 1891, <i>Tithonia</i> <i>humilis</i> var. <i>glabra</i> Kuntze, <i>Tithonia humilis</i> var. <i>humilis</i>); Phytolaccaceae; pigeonberry, rouge plant, baby peppers, bloodberry, coralito,</p>			<p>Island, Northern Mariana Islands, Tonga, Tuvalu, Vanuatu</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	groseille, petite groseille, coralberry, turkeyberry			

6. CENDAWAN (*FUNGAL/ FUNGAL LIKE ORGANISM/ PSEUDOFUNGI*)

No	NAMA ILMIAH/SINONIM/ KLASIFIKASI NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM/ TAXON/COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ PATHWAY	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	[s]: - [a]: <i>Alternaria cucumerina</i> (Ellis & Everh.) J.A. Elliott, 1917; (Syn. <i>Alternaria brassicae</i> var. <i>nigrescens</i> Peglion, 1892, <i>Alternaria cucumerina</i> var. <i>cucumerina</i> (Ellis & Everh.) J.A. Elliott, 1917, <i>Alternaria cucumerina</i> var. <i>cyamopsidis</i> (Rangaswami & A.V. Rao) E.G. Simmons, 1966, <i>Alternaria cyamopsidis</i> Rangaswami & A.V. Rao, 1957, <i>Alternaria nigrescens</i> (Peglion) Neerg., 1945, <i>Macrosporium cucumerinum</i> Ellis & Everh, 1895); Fungi, Ascomycota,	<i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucurbita maxima</i> (labu, giant pumpkin), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini)	biji (true seeds), buah (fruits), daun (leaves)	Indonesia: Jawa (Jawa Barat) Africa: Ghana, Kenya, Libya, Mozambique, Nigeria, Rhodesia, Sierra Leone, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Canada, Chile, Cuba, El Salvador, Haiti, Jamaica, Mexico, Peru, Trinidad and Tobago, USA, Venezuela Asia: Bhutan, China, India, Japan, Pakistan, Republic of Korea (South Korea), Thailand, Turkey Europe: Bulgaria, Cyprus, France, Germany, Norway, Romania, Russia, Spain, Switzerland, United Kingdom Oceania: Australia, New Zealand

	Pezizomycotina, Dothideomycetes, Pleosporales, Pleosporaceae; cucumber blight, brown spot of cucumber, alternaria leaf blight, leaf blight of cucurbits, leaf spot of cucumber			
2.	[r]: <i>Austropuccinia psidii</i> (G. Winter) Beenken 2017 (Syn. <i>Bullaria psidii</i> (G. Winter 1822) Arthur & Mains 1922; <i>Dicaeoma psidii</i> (G. Winter 1822) Kuntze 1898; <i>Puccinia psidii</i> G. Winter 1822; <i>Uredo rangelii</i> J.A. Simpson, K. Thomas & C.A. Grgurinovic) Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Sphaerophragmiaceae, Austropuccinia; myrtle rust, rust of eucalyptus, rust of guava	Acca, Agonis, Allosyncarpia, Angophora, Archirhodomyrtus, Arillastrum, Astartea, Asteromyrtus, Austromyrtus, Backhousia, Baeckea, Barongia,, Beaufortia, Callistemon, Callistemon speciosus, Calothamnus, Calycorectes, Calytrix, Campomanesia, Chamelaucium, Cloezia, Corymbia, <i>Corymbia citriodora</i> (lemon-scented gum), <i>Corymbia maculata</i> (spotted gum), <i>Corymbia torelliana</i> (cadaga), Darwinia, Decaspermum, Eremaea, <i>Eucalyptus botryoides</i> (southern mahogany), <i>Eucalyptus camaldulensis</i> (red gum), <i>Eucalyptus cladocalyx</i> (sugar gum),	bunga dan bagian- bagiannya (flowers/inflorescence s/cones/ calyx), buah (fruits), polong (pods), daun (leaves), bibit dan kultur jaringan (seedling/ micropropagated plants), batang (stems above ground, tunas (Shoots), cabang dan ranting (trunks/branches)	Indonesia: Jawa (DIY, Jawa Barat), Sumatera (Sumatera Utara, Sumatera Selatan) Africa: South Africa Asia: China, Japan, Singapore America: Argentina, Brazil, British Virgin Islands, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, Guatemala, Jamaica, Mexico, Panama, Paraguay, Puerto Rico, Trinidad and Tobago, U.S. Virgin Islands, USA, Uruguay, Venezuela Oceania: Australia, New Caledonia, New Zealand

		<p><i>Eucalyptus cloeziana</i> (Gympie messmate), <i>Eucalyptus deglupta</i> (kamarere), <i>Eucalyptus dunnii</i> (Dunn's white gum), <i>Eucalyptus globulus</i> (Tasmanian blue gum), <i>Eucalyptus gomphocephala</i> (tuart), <i>Eucalyptus grandis</i> (saligna gum), <i>Eucalyptus microcorys</i> (Tallowwood), <i>Eucalyptus nitens</i> (shining gum), <i>Eucalyptus paniculata</i> (grey ironbark), <i>Eucalyptus pellita</i> (red mahogany), <i>Eucalyptus pilularis</i> (blackbutt), <i>Eucalyptus punctata</i>, <i>Eucalyptus robusta</i> (swamp mahogany), <i>Eucalyptus saligna</i> (Sydney blue gum), <i>Eucalyptus tereticornis</i> (forest red gum), <i>Eucalyptus viminalis</i> (ribbon eucalyptus), <i>Eugenia reinwardtiana</i>, Gossia, Heteropyxis, Homoranthus Lithomyrtus, Hypocalymma, <i>Kunzea ericoides</i> (kanuka), Lenwebbia, Leptospermum, Lindsayomyrtus,</p>		
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		<p>Lophomyrtus, Lophostemon, <i>Melaleuca decora</i>, <i>Melaleuca quinquenervia</i> (paperbark tree), <i>Metrosideros</i>, <i>Metrosideros excelsa</i>, <i>Metrosideros kermadecensis</i>, <i>Metrosideros polymorpha</i>, <i>Mitranthia</i>, <i>Myrcia</i>, <i>Myrcianthes</i>, <i>Myrrhinium</i>, <i>Myrtastrum</i>, <i>Myrtus communis</i> (myrtle), <i>Osbornia</i>, <i>Pericalymma</i>, <i>Pilidiostigma</i>, <i>Piliocalyx</i>, <i>Pimenta dioica</i> (allspice), <i>Plinia</i>, <i>Psidium</i> (guava), <i>Psidium cattleianum</i> (strawberry guava), <i>Psidium guajava</i> (guava), <i>Regelia</i>, <i>Rhodamnia</i>, <i>Rhodomyrtus</i>, <i>Rhodomyrtus tomentosa</i> (Downy rose-myrtle), <i>Ristantia</i>, <i>Sannantha</i>, <i>Sphaerantia</i>, <i>Stockwellia</i>, <i>Syncarpia</i>, <i>Syzygium cumini</i> (black plum), <i>Syzygium jambos</i> (rose apple), <i>Thryptomene</i>, <i>Tristania</i>, <i>Tristaniopsis</i>, <i>Ugni</i>, <i>Uromyrtus</i>, <i>Verticordia</i>, <i>Xanthostemon</i> <i>Lithomyrtus</i></p>		
3.	[s]: <i>Balansia oryzae</i> -	<i>Cynodon dactylon</i> (Bermuda	akar (roots), batang	Indonesia: Jawa (Jawa Barat,

	<p><i>sativae</i> Hashioka, 1971; (Syn. <i>Balansia oryzae</i> (Syd.) Naras. & Thirum., 1943); [a]: <i>Ephelis oryzae</i> Syd., 1914; (Syn. <i>Ephelis pallida</i> Pat., 1897); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Clavicipitaceae; black choke, black ring, false ergot, incense rod, sterility disease, udbatta, udbatta disease of rice</p>	<p>grass), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Eragrostis</i> (lovegrasses), <i>Leptochloa chinensis</i> (Chinese sprangletop), <i>Oryza sativa</i> (padi, paddy, rice), <i>Paspalum dilatatum</i> (dallis grass), <i>Paspalum scrobiculatum</i> (ricegrass paspalum), <i>Pennisetum glaucum</i> (pearl millet), <i>Secale cereale</i> (rye), <i>Setaria italica</i> (foxtail millet), <i>Sorghum bicolor</i> (sorghum, sorghum)</p>	<p>(stems above ground), cabang (trunks), ranting (branches), biji (true seeds inc. grains), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots)</p>	<p>Jawa Tengah), Sumatera (Sumatera Utara, Sumatera Barat, Nangroe Aceh Darussalam, Jambi) Africa: Sierra Leone America: USA Asia: China, Hongkong, India, Japan, Nepal Oceania: New Caledonia, Vanuatu</p>
4.	<p>[s]: <i>Berkeleyomyces basicola</i> (Berkeley & Broome) W.J. Nel, Z.W. de Beer, T.A. Duong & M.J. Wingfield (Syn. <i>Chalara elegans</i> Nag Raj & Kendrick, <i>Thielaviopsis basicola</i> (Berkeley & Broome) <i>Ferraris</i> <i>Torula basicola</i> Berkeley & Broome <i>Trichocladium basicola</i> (Berkeley & Broome) Carmichael. Fungi, Ascomycota,</p>	<p>Acalypha (Copperleaf), <i>Allium</i> spp., <i>Amaranthus retroflexus</i> (redroot pigweed), <i>Antirrhinum majus</i> (snapdragon), <i>Apium graveolens</i> (celery), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Armoracia rusticana</i> (horseradish), <i>Aster</i> spp., <i>Astragalus sinicus</i> (chinese clover), <i>Atropa belladonna</i> (deadly nightshade), <i>Begonia perflorens</i>, <i>Begonia rubra</i>, <i>Begonia tuberhybrida</i>, <i>Beta</i></p>	<p>umbi (bulbs/tubers/corms /rhizomes), buah (fruits), polong (pods), media tanam (growing medium accompanying plants), akar (roots), benih (true seeds), biji (grain), bibit dan kultur jaringan (seedlings/microprop agated plants).</p>	<p>Indonesia: Sumatera (Sumatera Utara) Africa: Democratic Republic of Congo, Egypt, Morocco, South Africa, Uganda, Zimbabwe America: Brazil, Canada, Colombia, Costa Rica, Cuba, Haiti, Jamaica, Panama, Peru, Puerto Rico, Trinidad and Tobago, USA Asia: Armenia, China, India, Iran, Iraq, Israel, Japan, Lebanon, Pakistan, Philippines, Saudi Arabia, Singapore, Taiwan, Tajikistan,</p>

	<p>Pezizomycotina, Sordariomycetes, Hypocreomycetidae, Microascales, Ceratocystidaceae; black root rot, black hull disease of groundnut, black root rot of bean, black root rot of tobacco, root rot of citrus seedlings, root rot of ornamentals</p>	<p><i>vulgaris</i> (beetroot), <i>Betula pendula</i>, <i>Blysmus compressus</i>, <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>italica</i> (broccoli), <i>Buxus sempervirens suffruticosa</i>, <i>Camellia japonica</i> (camellia), <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Capsicum frutescens</i> (chilli), <i>Catalpa speciosa</i> (hardy catalpa), <i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Cereus</i> spp., <i>Chenopodium album</i> (fat hen), <i>Cicer arietinum</i> (chickpea), Cichorium (chicory), <i>Citrullus lanatus</i> (watermelon), <i>Citrus aurantiifolia</i> (lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus ichangensis</i> x <i>grandis</i>, <i>Citrus jambhiri</i> (rough lemon), <i>Citrus limon</i> (lemon), <i>Citrus reticulata</i> (mandarin), <i>Citrus reticulata</i> x <i>paradisi</i> (tangelo), <i>Citrus reticulata</i> x <i>sinensis</i>, <i>Citrus sinensis</i> (sweet orange), <i>Citrus sinensis</i> x <i>Citrus reticulata</i> , <i>Citrus taiwanica</i></p>		<p>Turkmenistan, Uzbekistan Europe: Austria, Belgium, Bulgaria, Cyprus, Czechia, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Moldova, Netherlands, North Macedonia, Norway, Poland, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom Oceania: Australia, New Zealand</p>
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		<p>(nanshodaidai), <i>Citrus volkameriana</i>, <i>Clarkia elegans</i>, <i>Convolvulus</i> (morning glory), <i>Conyza canadensis</i> (Canadian fleabane), <i>Conyza sumatrensis</i> (tall fleabane), <i>Coptis chinensis</i>, <i>Cordyline</i> spp., <i>Coriandrum sativum</i> (coriander), <i>Crotalaria juncea</i> (sunn hemp), <i>Cryptotaenia japonica</i>, <i>Cucumis melo</i> (melon), <i>Cucumis melo</i> var. <i>flexuosus</i>, <i>Cucumis sativus</i> (cucumber), <i>Cucurbita maxima</i> (giant pumpkin), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (marrow), <i>Cyclamen persicum</i> (cyclamens), <i>Cymbalaria muralis</i> (Kenilworth ivy), <i>Cyperus</i> (flatsedge), <i>Cypripedium</i>, <i>Cytisus scoparius</i> (Scotch broom), <i>Daphne cneorum</i>, <i>Datura cornucopia</i>, <i>Datura ferox</i> (fierce thornapple), <i>Datura metel</i> (Hindu datura), <i>Datura stramonium</i> (jimsonweed), <i>Daucus carota</i> (carrot), <i>Desmodium tortuosum</i></p>		
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		<p>(Florida beggarweed), <i>Dracaena</i>, <i>Agavaceae</i>, <i>Elaeis guineensis</i> (kelapa sawit, African oil palm), <i>Epipremnum aureus</i>, <i>Equisetum arvense</i> (field horsetail), <i>Eucalyptus</i> spp., <i>Euphorbia pulcherrima</i> (poinsettia), <i>Eustoma grandiflorum</i>, <i>Ficus carica</i> (common fig), <i>Fragaria ananassa</i> (strawberry), <i>Fuchsia hybrids</i>, <i>Galactia spp.</i>, <i>Geranium</i> (cranesbill), <i>Gerbera jamesonii</i> (African daisy), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Hibiscus sabdariffa</i> (Roselle), <i>Ilex aquifolium</i> (holly), <i>Ilex aquipernyi</i>, <i>Ilex cornuta</i> (Chinese holly), <i>Ilex crenata</i> (Japanese holly), <i>Ilex opaca</i> (American holly), <i>Ipomoea batatas</i> (sweet potato), <i>Kalanchoe blossfeldiana</i> (flaming katy), <i>Kummerowia striata</i> (Japanese lespedeza), <i>Lablab purpureus</i> (hyacinth bean), <i>Lactuca sativa</i> (lettuce),</p>		
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		<p><i>Lathyrus odoratus</i> (sweet pea), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Lespedeza</i> sp., <i>Linaria</i> (Toadflax), <i>Linum usitatissimum</i> (flax), <i>Lonicera</i> (honeysuckles), <i>Lotus corniculatus</i> (bird's-foot trefoil), <i>Luffa acutangula</i> (angled luffa), <i>Lupinus</i> (lupins), <i>Malus sylvestris</i> (crab-apple tree), <i>Malva neglecta</i> (common mallow), <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Medicago denticulata</i>, <i>Medicago falcata</i> (yellow alfalfa), <i>Medicago lupulina</i> (black medick), <i>Medicago sativa</i> (lucerne), <i>Melilotus albus</i> (honey clover), <i>Melilotus indicus</i>, <i>Nemesia</i> sp., <i>Nemophila auriculata</i>, <i>Nemophila aurita</i>, <i>Nemophila insignis</i> [<i>Nemophila menziesii</i>], <i>Nicotiana tabacum</i> (tobacco), <i>Nuttallanthus canadensis</i>, <i>Onobrychis</i> (sainfoin), <i>Ornithopus sativus</i> (Bird's foot), <i>Oxalis corniculata</i> (creeping</p>		
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		<p>woodsorrel), <i>Paeonia suffruticosa</i> (Tree peony), <i>Panax ginseng</i> (Asiatic ginseng), <i>Panax quinquefolius</i> (American ginseng), <i>Papaver nudicaule</i> (Iceland poppy), <i>Paphiopedilum</i> (lady's slipper orchid), <i>Passiflora edulis</i> (passionfruit), <i>Pastinaca sativa</i> (parsnip), <i>Pelargonium</i> (pelargoniums), <i>Persicaria maculosa</i> (redshank), <i>Petunia hybrida</i>, <i>Phaseolus</i> (beans), <i>Phaseolus acutifolius</i> (tepariy bean), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus vulgaris</i> (common bean), <i>Phlox drummondii</i> (Annual phlox), <i>Phlox panoulata</i>, <i>Physalis</i> (Groundcherry), <i>Pinus pinaster</i> (maritime pine), <i>Pinus radiata</i> (radiata pine), <i>Pisum sativum</i> (pea), <i>Plectranthus scutellarioides</i>, <i>Poncirus trifolia</i>, <i>Portulaca obconica</i>, <i>Portulaca oleracea</i> (purslane), <i>Prunus armeniaca</i> (apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus domestica</i> (plum), <i>Prunus pissardii</i></p>		
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		<p><i>Negra</i>, <i>Pyrus communis</i> (European pear), <i>Ricinus communis</i> (castor bean), <i>Robinia pseudoacacia</i> (black locust), <i>Sambucus nigra</i> (elder), <i>Schkuhria pinnata</i>, <i>Scorzonera hispanica</i> (oyster plant), <i>Securigera varia</i> [<i>Coronilla varia</i>], <i>Senecio</i> (Groundsel), <i>Sesamum indicum</i> (sesame), <i>Sida cordifolia</i> (heartleaf sida), <i>Sinningia speciosa</i> (gloxinia), <i>Solanum carolinense</i> (horsenettle), <i>Solanum lycopersicum</i> (tomato), <i>Solanum melongena</i> (aubergine), <i>Solanum tuberosum</i> (potato), <i>Sonchus oleraceus</i> (common sowthistle), <i>Stellaria media</i> (common chickweed), <i>Strophostyles helvola</i>, <i>Styrax benzoin</i> (gum Benjamin), <i>Tectona grandis</i> (teak), <i>Tephrosia</i> (<i>hoary-pea</i>), <i>Trifolium hybridum</i> (alsike clover), <i>Trifolium incarnatum</i> (Crimson clover), <i>Trifolium pratense</i> (red clover),</p>		
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		<p><i>Trifolium repens</i> (white clover), <i>Trigonella</i> spp., <i>Triticum aestivum</i> (wheat), <i>Ulex europaeus</i> (gorse), <i>Ulmus americana</i> (American elm), <i>Valerianella locusta</i> (common cornsalad), <i>Vicia faba</i> (faba bean), <i>Vicia villosa</i> (hairy vetch), <i>Vigna unguiculata</i> (cowpea), <i>Vinca major</i> (Big periwinkle), <i>Viola carnula</i>, <i>Viola odorata</i> (English violet), <i>Viola wittrockiana</i> (wild pansy), <i>Viola x wittrockiana</i>, <i>Vitis berlandieri x riparia</i>, <i>Vitis champinii</i>, <i>Vitis rupestris</i> (sand-grape), <i>Vitis rupestris x mourvedre</i>, <i>Vitis solonis x Othello</i>, <i>Wisteria floribunda</i> (Japanese wisteria), <i>Xanthium strumarium</i> (common cocklebur), <i>Yucca gigantea</i> (spineless yucca), <i>Zea</i> spp.</p>		
5.	[s]: <i>Ceratocystis fimbriata</i> Ellis & Halst., 1890; (Syn. <i>Ceratocystis</i>	<i>Acacia decurrens</i> (green wattle), <i>Acacia mangium</i> (brown salwood), <i>Acacia mearnsii</i> (black wattle),	akar (roots), batang (stems (above ground), trunks, batang (stems above	Indonesia: Jawa, Kalimantan, Sumatera (Nangroe Aceh Darussalam, Riau) Africa: DR Congo, Congo,

<p><i>fimbriata</i> f. <i>fimbriata</i> Ellis & Halst., 1890, <i>Ceratocystis moniliformis</i> f. <i>coffeeae</i> (Zimm.) C. Moreau, 1954, <i>Ceratostomella fimbriata</i> (Ellis & Halst.) J.A. Elliott, 1923, <i>Ophiostoma coffeeae</i> (Zimm.) Arx, 1952, <i>Ophiostoma fimbriatum</i> (Ellis & Halst.) Nannf., 1934, <i>Rostrella coffeeae</i> Zimm., 1900); [a]: <i>Chalara</i> sp. (Vujanovic <i>et al.</i> 1999); (Syn. <i>Endoconidiophora fimbriata</i> (Ellis & Halst.) R.W. Davidson, 1935, <i>Endoconidiophora fimbriata</i> f. <i>fimbriata</i> (Ellis & Halst.) R.W. Davidson, 1935, <i>Sphaeronaema fimbriatum</i> (Ellis & Halst.) Sacc., 1892); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Microascales, Ceratocystidaceae;</p>	<p><i>Acrocarpus fraxinifolius</i> (shingle tree), <i>Alocasia</i>, <i>Alocasia macrorrhizos</i> (giant taro), <i>Annona</i>, <i>Annona squamosa</i> (sugar apple), <i>Arracacia xanthorrhiza</i> (arracacha), <i>Cajanus cajan</i> (pigeon pea), <i>Carya cordiformis</i> (bitternut hickory), <i>Cassia javanica</i> (pink shower), Citrus, <i>Citrus aurantium</i> (sour orange), <i>Coffea</i> (coffee), <i>Coffea arabica</i> (arabica coffee), <i>Coffea canephora</i> (robusta coffee), <i>Colocasia esculenta</i> (taro), <i>Crotalaria juncea</i> (sunn hemp), <i>Daucus carota</i> (carrot), <i>Eriobotrya japonica</i> (loquat), Erythrina, Eucalyptus (Eucalyptus tree), Fagus (beeches), <i>Ficus carica</i> (fig), <i>Gmelina arborea</i> (candahar), <i>Hevea brasiliensis</i> (rubber), <i>Ipomoea batatas</i> (sweet potato), <i>Lactuca sativa</i> (lettuce), <i>Mangifera indica</i> (mango), <i>Manihot esculenta</i> (cassava), <i>Metroxylon</i>, <i>Passiflora edulis</i></p>	<p>ground), cabang (trunks), ranting (branches), bibit (seedlings), buah (fruits), daun (leaves), kayu (wood), kulit kayu (bark), media tanam (growing media associated with plants), polong (pods), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Ghana, Ivory Coast, Ghana, Seychelles, South Africa, Uganda America: Brazil, Canada, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, USA, Venezuela Asia: Brunei Darussalam, Cambodia, China, DPR Korea (North Korea), India, Japan, Malaysia, Myanmar, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Thailand, Vietnam Europe: Poland, Switzerland Oceania: American Samoa, Australia, Fiji, New Zealand, Papua Nugini, Samoa, Solomon Islands</p>
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	ceratocystis blight, black rot of sweet potato, blight of mango, cancer of coffee, mouldy rot of rubber, Ceratocystis blight, wilt disease of cocoa, cacao wilt, Ceratostomella wilt, mango blight, black cane rot of syngonium, black cancer of aspen, black rot of sunn hemp, black rot of taro, cancer stain of plane tree Ceratocystis canker, Ceratocystis wilt, mallet cancer, mango wilt, sweet potato black rot, target cancer of aspen	(passionfruit), <i>Pimenta dioica</i> (Allspice), <i>Populus</i> (poplars), <i>Prunus</i> (stone fruit), <i>Prunus armeniaca</i> (apricot), <i>Prunus dulcis</i> (almon, badam, almond), <i>Punica granatum</i> (pomegranate), <i>Spathodea campanulata</i> (African tulip tree), <i>Syngonium auritum</i> , <i>Syngonium podophyllum</i> (Arrowhead vine), <i>Tectona grandis</i> (teak), <i>Theobroma cacao</i> (cocoa), <i>Theobroma grandiflorum</i> (cupuassu), <i>Xanthosoma</i> (cocoyam)		
6.	[s]: <i>Diaporthe maydis</i> (Berk.) B. Sutton, 1980; (Syn. <i>Sphaeria maydis</i> Berk. (1847), <i>Sphaeria zae</i> Curr., 1859, <i>Sphaeria zae</i> Schwein. (1832)); [a]: <i>Stenocarpella maydis</i> (Berk) B. Sutton (1980); (Syn. <i>Diplodia maydicola</i> Speg., 1911, <i>Diplodia maydis</i> (Berk.) Ellis & Everh., 1892, <i>Diplodia maydis</i> (Berk.) Sacc., 1884, <i>Diplodia zae</i> Lév.,	<i>Arundinaria</i> (cane), Bambusa, <i>Zea diploperennis</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweetcorn)	Akar (roots), batang (stems above ground), cabang (trunks), ranting (branches), tunas (shoots), biji (true seeds inc. grain), bunga (flowers, inflorescences, cones, calyx), daun (leaves)	Indonesia: Sumatera (Sumatera Utara) Africa: Congo, DR Congo, Eswatini, Ethiopia, Ghana, Kenya, Malawi, Nigeria, South Africa, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Belize, Bolivia, Brazil, Canada, Colombia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, USA Asia: China, India, Iran, Republic of Korea (South Korea),

	<p>1848, <i>Diplodia zeae-maydis</i> Mekht., 1962, <i>Hendersonia zeae</i> (Lév.) Hazsl. (1872), <i>Macrodiplodia zeae</i> (Lév.) Petr. & Syd. 1923, <i>Macrodiplodia zeae</i> var. <i>zeae</i> (Lév.) Petr. & Syd., 1923, <i>Phaeostagonosporopsis zeae</i> (Lév.) Woron. (1925)); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Diaporthales; ear rot of maize, leaf spot of maize, stalk rot of maize, seedling blight of maize, leaf blight of maize, leaf blight of Sorghum spp., leaf spot of grasses, diplodia ear and stalk rot, white ear rot of maize</p>			<p>Nepal, Pakistan, Philippines, Taiwan, Thailand Europe: Czechia, Italy, Montenegro, Serbia, Spain Oceania: Australia, New Zealand</p>
7.	<p>[s]: <i>Diaporthe phaseolorum</i> (Cooke & Ellis) Sacc., 1882; (Syn. <i>Diaporthe aspalathi</i> E. Jansen, Castl. & Crous, 2006, <i>Diaporthe caulivora</i> (Athow & Caldwell) J.M. Santos,</p>	<p><i>Abelmoschus esculentus</i> (okra), <i>Abutilon theophrasti</i> (velvet leaf), <i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Amaranthus spinosus</i> (spiny amaranth), <i>Arachis hypogaea</i> (kacang</p>	<p>batang (stems), bibit (seedlings), biji (true seeds, grains), buah (fruits), daun (leaves), media tanam (growing media associated with plants), polong (pods), umbi (tubers)</p>	<p>Indonesia: Jawa (Jawa Barat) Africa: Cameroon, Egypt, Guyana, Malawi, Nigeria, Senegal, Sierra Leone, South Africa, Tanzania America: Argentina, Brazil, Canada, Colombia, Cuba, Ecuador, Guyana, Paraguay,</p>

	<p>Vrandecic & A.J.L. Phillips, 2011, <i>Diaporthe phaseolorum</i> var. <i>batatae</i> (Harter & E.C. Field) Wehm., 1933, <i>Diaporthe phaseolorum</i> var. <i>caulivora</i> Athow & Caldwell, 1954, <i>Diaporthe phaseolorum</i> var. <i>meridionalis</i> F.A. Fernández, 1996, <i>Diaporthe phaseolorum</i> var. <i>sojae</i> (Lehman) Wehm., 1933, <i>Diaporthe sojae</i> Lehman, 1923, <i>Sphaeria phaseolorum</i> Cooke & Ellis, 1878);</p> <p>[a]: <i>Phomopsis phaseoli</i> (Desm.) Sacc., 1915; (Syn. <i>Chorostate batatas</i> (Harter & E.C. Field) Sacc., 1928, <i>Phoma phaseoli</i> Desm., 1836, <i>Phoma subcircinata</i> Ellis & Everh., 1893, <i>Phomopsis phaseoli</i> var. <i>phaseoli</i> (Desm.) Sacc., 1915, <i>Phomopsis sojae</i> Lehman, 1922,</p>	<p>tanah, groundnut), <i>Brachyglottis repanda</i> (rangiora), <i>Capsicum annuum</i> (cabai, hot pepper, chilies, red pepper), <i>Capsicum frutescens</i> (cabai rawit, chilli), <i>Glycine max</i> (kedelai, soyabean), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Lespedeza</i>, <i>Lupinus</i> spp., <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i>, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Vigna unguiculata</i> (kacang panjang, cowpea, yardlong bean)</p>		<p>USA, Venezuela Asia: Armenia, Azerbaijan, Bangladesh, China, DPR Korea (North Korea), Georgia, India, Malaysia, Nepal, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand Europe: Bulgaria, Croatia, Czechis, France, Hungary, Italy, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Spain Oceania: Australia, New Zealand</p>
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	<p><i>Septomazzantia phaseolorum</i> (Cooke & Ellis) Lar.N. Vassiljeva, 1998); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Diaporthales, Diaporthaceae; lima bean pod blight, leaf spot of Lima bean, bean pod blight, bean stem blight, bean stem canker, pod blight of bean, pod blight of lima bean, steam blight of bean, stem canker of bean</p>			
8.	<p>[s]: <i>Diaporthe vexans</i> (Sacc. & P. Syd.) Gratz, 1942; [a]: <i>Phomopsis vexans</i> (Sacc. & P. Syd.) Harter, 1914; (Syn. <i>Ascochyta hortorum</i> (Speg.) C.O. Sm., 1905, <i>Phoma solani</i> Halst., 1892, <i>Phoma vexans</i> Sacc. & P. Syd., 1899, <i>Phyllosticta hortorum</i> Speg., 1881); Fungi, Ascomycota, Pezizomycotina, Sordariomycetes, Diaporthales, Diaporthaceae;</p>	<p><i>Solanum aculeatissimum</i>, (Dutch-eggplant), <i>Solanum incanum</i> (grey bitter-apple), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum torvum</i> (turkey berry), <i>Solanum virginianum</i> (Surattense nightshade)</p>	<p>batang (stems above ground), cabang (trunks), ranting (branches), bibit (seedlings), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam (growing media associated with plants), polong (pods), tanaman hasil mikropropagasi</p>	<p>Indonesia: Jawa (Jawa Barat, Jawa Tengah, Jawa Timur), Bangka, Belitung Africa: Algeria, Egypt, Kenya, Mauritius, Senegal, Seychelles, South Africa, Tanzania, Zambia, Zimbabwe America: Antigua and Barbuda, Argentina, Barbados, Brazil, Canada, Colombia, Costa Rica, Cuba, Dominican Republic, El Savador, Guatemala, Guyana, Haiti, Jamaica, Mexico, Panama, Puerto Rico, USA, Venezuela Asia: Bangladesh, Brunei</p>

	blight of eggplant, phomopsis rot of eggplant, brown spot of eggplant, fruit rot of eggplant, tip over of eggplant		(micropropagated plants), tunas (shoots)	Darussalam, China, Hong Kong, India, Iran, Irak, Japan, Jordan, Laos, Malaysia, Maldives, Myanmar, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Taiwan Europe: Romania Oceania: Fiji, French Polynesia, Guam, New Caledonia
9.	[s]: <i>Didymella bryoniae</i> (Fuckel) Rehm, 1881; (Syn. <i>Didymella bryoniae</i> var. <i>astragalina</i> Rehm, 1872, <i>Didymella bryoniae</i> var. <i>bryoniae</i> (Fuckel) Rehm, 1881, <i>Didymella effusa</i> (Niessl) Sacc., 1882, <i>Didymella effusa</i> var. <i>aronici</i> Sacc., 1897, <i>Didymella effusa</i> var. <i>effusa</i> (Niessl) Sacc., 1882, <i>Didymella melonis</i> Pass., 1891, <i>Didymosphaeria bryoniae</i> (Auersw.) Niessl, 1875, <i>Didymosphaeria effusa</i> Niessl, 1875, <i>Didymosphaeria melonis</i> Pidopl., 1948, <i>Laestadia cucurbitacearum</i> , (Fr.) Sacc., 1883,	<i>Cucurbitaceae</i> , <i>Citrullus vulgaris</i> (semangka, watermelon), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita</i> spp., <i>Momordica charantia</i> (paria, bitter gourd), <i>Sechium edule</i> (labu siam), <i>Solanum tuberosum</i> (kentang, potato)	batang (stems), biji (true seeds), buah (fruits), daun (leaves), media tanam (growing media associated with plants)	Indonesia: Sumatera (Jambi), Jawa (Jawa Barat) Africa: Ethiopia, Gabon, Kenya, Malawi, Mauritius, Morocco, Nigeria, South Africa, Tanzania, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Costa Rica, Cuba, Dominican Republic, El Salvador, Honduras, Jamaica, Mexico, Nicaragua, Peru, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: Bangladesh, Brunei Darussalam, China, Hong Kong, India, Iraq, Israel, Japan, Laos, Malaysia, Myanmar, Pakistan, Philippines, Republic of Korea (South Korea), Sri Lanka,

	<p><i>Mycosphaerella cucumis</i> (Fautrey & Roum.) W.F. Chiu & J.C. Walker, 1949, <i>Mycosphaerella melonis</i> (Pass.) W.F. Chiu & J.C. walker, 1949, <i>Sphaerella bryoniae</i> Auersw., 1869, <i>Sphaerella citrullina</i> (Chester) Sacc. & Traverso, 1911, <i>Sphaerella cucurbitacearum</i> (Fr.) Cooke, 1883, <i>Sphaeria bryoniae</i> Fuckel, 1870, <i>Sphaeria bryoniae</i> var. <i>bryoniae</i> Fuckel, 1870, <i>Sphaeria cucurbitacearum</i> Fr., 1823); [a]: <i>Stagonospora cucurbitacearum</i> (Fr.) Aveskamp, Gruyter & Verkley, 2010; (Syn. <i>Ascochyta citrullina</i> (Chester) C.O. Sm., 1905, <i>Ascochyta cucumis</i> Fautrey Roum., 1891, <i>Ascochyta melonis</i> Potebnia, 1910, <i>Cercidospora bryoniae</i> (Fuckel) Kuntze, 1898, <i>Cercidospora effusa</i></p>			<p>Taiwan, Thailand Europe: Austria, Bulgaria, Czechia, Denmark, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Romania, Russia, Serbia, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, Fiji, French Polynesia, New Caledonia, New Zealand, Pitcairn, Samoa, Samoa America, Solomon Islands, Tonga</p>
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<p>(Niessl) Kuntze, 1898, <i>Cercidospora melonis</i> (pass.) Kuntze, 1898, <i>Cercospora citrullina</i> Cooke, 1883, <i>Cercospora</i> <i>citrullina</i> var. <i>citrullina</i> Cooke, 1883, <i>Cercospora</i> <i>citrullina</i> var. <i>trichosanthis-anguinae</i> Rangaswami & Chandras., 1962, <i>Cercospora</i> <i>cucurbitae</i> Ellis & Everh., 1888, <i>Diplodia citrullina</i> (Chester) Grossenb., 1909, <i>Phoma cucurbitacearum</i> (Fr.) sacc., 1884, <i>Phoma</i> <i>cucurbitacearum</i> f. <i>cucurbitacearum</i> (Fr.) Sacc., 1884, <i>Phoma</i> <i>cucurbitacearum</i> f. <i>trichosanthis</i> sacc., 1903, <i>Phyllosticta citrullina</i> Chester, 1891); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Didymellaceae; gummy stem blight, leaf spot of cucurbits, cercospora leafspot of squash, cucumber</p>			
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	black rot, cucurbits stem blight, cucurbits leaf spot, cucurbits stem-end rot			
10.	<p>[s]: <i>Elsinoe ampelina</i> Shear, 1929; (Syn. <i>Uleomyces parasiticus</i> Henn., <i>Plectodiscella veneta</i> Burkh., <i>Elsinoë viticola</i> Racib.);</p> <p>[a]: <i>Sphaceloma ampelinum</i> de Bary, 1874; (Syn. <i>Gloeosporium ampelophagum</i> (Pass.) Sacc., 1878, <i>Ramularia ampelophaga</i> Pass., 1876, <i>Manginia ampelina</i> Viala & Pacottet);</p> <p>Fungi, Ascomycota, Dothideomycetes, Myriangiales, Elsinoaceae; grape anthracnose, grape black spot, grape black rot, bird's eye spot, bird's eye rot, vine black spot, bird's eye fungus, anthracnose of grapevine, bird's eye disease of grapevine, black spot of grapevine</p>	<p><i>Rubus fruticosus</i> (blackberry), <i>Rubus idaeus</i> (raspberry), <i>Vitis labrusca</i> (fox grape), <i>Vitis rupestris</i> (sand-grape), <i>Vitis vinifera</i> (anggur, grapevine)</p>	<p>batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Indonesia: Bali Africa: Kenya, Madagascar, Mauritius, Morocco, Mozambique, South Africa, Tanzania, Zambia, Zimbabwe America: Argentina, Barbados, Bermuda, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico, Paraguay, Peru, Uruguay, USA, Venezuela Asia: Afghanistan, Cambodia, China, Georgia, Hong Kong, India, Iran, Japan, Myanmar, Pakistan, Republic of Korea (South Korea), Taiwan, Turkey, Europe: Austria, Azerbaijan, Belgium, Bulgaria, Federal Republic of Yugoslavia, France, Germany, Greece, Italy, Malta, Montenegro, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, United Kingdom Oceania: Australia, French Polynesia, New Zealand, Papua</p>

11.	<p>[s]: <i>Erysiphe necator</i> Schwein., 1832; (Syn. <i>Erysiphe necator</i> var. <i>ampelopsidis</i> (Peck) U. Braun & S. Takam., 2000, <i>Uncinula americana</i> Howe, 1872, <i>Uncinula ampelopsidis</i> Peck, 1872, <i>Uncinula necator</i> (Schwein.) Burrill, 1892, <i>Uncinula necator</i> var. <i>ampelopsidis</i> (Peck) U. Braun, 1983, <i>Uncinula necator</i> var. <i>necator</i> (Schwein.) Burrill, 1892);</p> <p>[a]: <i>Oidium tuckeri</i> Berk., 1847; (Syn. <i>Acrosporium tuckeri</i> (Berk.) Sumst., 1913, <i>Oidium tuckeri</i> Berk., 1847, <i>Pseudoidium tuckeri</i> (Berk.) Y.S. Paul & J.N. Kapoor, 1986);</p> <p>Fungi, Ascomycota, Leotiomyces, Erysiphales, Erysiphaceae; powdery mildew, grapevine</p>	<p><i>Cissus rhombifolia</i> (grape ivy), <i>Hevea brasiliensis</i> (karet, rubber), <i>Vitis</i>, <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis vinifera</i> subsp. <i>Sylvestris</i></p>	<p>batang (stems (above ground), trunks, branches), bibit (seedlings), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), kayu (woods), kulit kayu (bark), polong (pods), tanaman hasil mikropropagasi (micropropagated plants), tunas (shoots)</p>	<p>Nugini</p> <p>Indonesia: Jawa (Jawa Timur), Bali</p> <p>Africa: Algeria, Congo, DR Congo, Egypt, Ethiopia, Kenya, Libya, Malawi, Mauritania, Morocco, Mozambique, Portugal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Tunisia, Uganda, Zimbabwe</p> <p>America: Argentina, Barbados, Bermuda, Bolivia, Brazil, Canada, Chile, Costa Rica, Cuba, Dominican Republic, Guatemala, Guyana, Jamaica, Mexico, Peru, Puerto Rico, Trinidad and Tobago, Uruguay, USA, Venezuela</p> <p>Asia: Afghanistan, Armenia, Azerbaijan, China, Georgia, Hong Kong, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Myanmar, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Taiwan, Turkey, Turkmenistan, Uzbekistan, Yemen</p> <p>Europe: Austria, Belgium,</p>
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	powdery mildew, grape powdery mildew, powdery mildew grapevine			Bulgaria, Croatia, Czechia, Czechoslovakia, Denmark, Estonia, Federal Republic of Yugoslavia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Montenegro, Netherlands, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Caledonia, New Zealand, Papua Nugini
12.	[s]: - [a]: <i>Fusarium oxysporum</i> f.sp. <i>asparagi</i> S.I. Cohen; Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; wilt, root rot, foot rot	<i>Asparagus officinalis</i> (asparagus, asparagus)	akar (roots), batang (stems), biji (true seeds), bibit (seedlings), media tanam (growing media associated with plants)	Indonesia: Jawa (Jawa Barat, Jawa Timur) America: Mexico, USA Asia: Taiwan Europe: France, Greece, Italy, Netherlands, Poland
13.	[s]: - [a]: <i>Fusarium oxysporum</i> f. <i>passiflorae</i> W.L. Gordon, 1954; Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae;	<i>Acacia melanoxylon</i> (Australian blackwod), <i>Passiflora edulis</i> (passion fruit), <i>Passiflora</i> <i>quadrangularis</i> (markisa, granadilla, passion-fruit), <i>Samanea saman</i> (rain tree)	akar (roots), batang (stems (above ground), trunks, branches), daun (leaves), media tanam (growing media associated with	Indonesia: Sumatera (Sumatera Utara) Africa: Kenya, South Africa America: Brazil, Colombia, USA Asia: China Oceania: Australia

	layu Fusarium, Fusarium wilt of passion fruit, wilt of passion fruit, base rot disease of passionfruit		plants), tunas (shoots)	
14.	[s]: <i>Gibberella zeae</i> (Schwein.) Petch, 1936; (Syn. <i>Botryosphaeria saubinetii</i> (Mont.) Niessl, 1872, <i>Dothidea zeae</i> (Schwein.) Schwein., 1832, <i>Gibbera saubinetii</i> Mont., 1856, <i>Gibberella pulicaris</i> subsp. <i>saubinetii</i> (Mont.) Sacc., 1878, <i>Gibberella saubinetii</i> (Mont.) Sacc., 1879, <i>Gibberella saubinetii</i> f. <i>acuum</i> Feltgen, 1901, <i>Gibberella saubinetii</i> f. <i>saubinetii</i> (Mont.) Sacc., 1879, <i>Gibberella saubinetii</i> subsp. <i>pachyspora</i> Sacc., 1880, <i>Gibberella saubinetii</i> subsp. <i>saubinetii</i> (Mont.) Sacc., 1879, <i>Gibberella saubinetii</i> var. <i>acuum</i> (Feltgen) Sacc., 1906, <i>Gibberella saubinetii</i> var. <i>calami</i> Henn., 1903, <i>Gibberella saubinetii</i> var. <i>coronillae</i> Sacc., 1879,	<i>Acacia mearnsii</i> (black wattle), <i>Alopecurus pratensis</i> (meadow foxtail), <i>Avena sativa</i> (oats), <i>Azadirachta indica</i> (mimba, neem tree), <i>Beta vulgaris</i> pv. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica</i> spp., <i>Dianthus</i> (anyelir, carnation), <i>Gardenia jasminoides</i> (cape jasmine), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> spp. (kapas, cotton), <i>Hordeum vulgare</i> (barli, barley), <i>Hyacinthus orientalis</i> (hyacinth), <i>Jatropha curcas</i> (jarak, jatropha), <i>Linum usitatissimum</i> (flax), <i>Lolium multiflorum</i> (Italian ryegrass), Lupinus (lupins), Lycopersicon, <i>Mangifera indica</i> (mangga, mango), Medicago (medic), <i>Medicago littoralis</i> (strand medick), <i>Miscanthus x giganteus</i> , <i>Musa x paradisiaca</i> (pisang, banana), <i>Nicotiana tabacum</i>	akar (roots), batang (stems (above ground), trunks, banches), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), media tanam, polong (pods), tunas (shoots), umbi (tubers)	Indonesia: Sumatera (Sumatera Barat), Jawa (Jawa Timur) Africa: Cameroon, Egypt, Ethiopia, Gambia, Kenya, Malawi, Nigeria, South Africa, Sudan, Tunisia, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Colombia, Costa Rica, Dominica, Grenada, Honduras, Mexico, Paraguay, Peru, Saint Lucia, Saint Vincent and the Grenadines, Uruguay, USA, Venezuela Asia: Bangladesh, China, India, Iran, Japan, Lebanon, Nepal, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Taiwan, Turkey, Uzbekistan Europe: Austria, Azerbaijan, Belgium, Bulgaria, Bulgaria, Croatia, Czechia, Czechoslovakia, Denmark, Federal Republic of Yugoslavia, Finland, France, Germany,

	<p><i>Gibberella saubinetii</i> var. <i>flacca</i> Wollenw., 1931, <i>Gibberella saubinetii</i> var. <i>mate</i> Speg., 1908, <i>Gibberella saubinetii</i> var. <i>pachyspora</i> Sacc., 1880, <i>Gibberella saubinetii</i> var. <i>saubinetii</i> (Mont.) Sacc., 1879, <i>Gibberella saubinetii</i> var. <i>tetraspora</i> Feltgen, 1903, <i>Sphaeria saubinetii</i> Berk. & Broome, 1848, <i>Sphaeria zae</i> Schwein., 1822);</p> <p>[a]: <i>Fusarium graminearum</i> Schwabe, 1839; (Syn. <i>Dichomera saubinetii</i> (Mont.) Cooke, 1878, <i>Fusarium caricis</i> Oudem., 1890, <i>Fusarium graminearum</i> Schwabe (1838), <i>Fusarium graminearum</i> var. <i>caricis</i> (Oudem.) Wollenw., 1931, <i>Fusarium graminearum</i> var. <i>graminearum</i> Schwabe, 1839, <i>Fusarium roseum</i> Link emend Snyder & Hansen., 1945, <i>Hendersoniopsis zae</i></p>	<p>(tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> (millet), <i>Pennisetum glaucum</i> (pearl millet), <i>Phalaris canariensis</i> (canary grass), <i>Phaseolus vulgaris</i> (kacang buncis, common bean), <i>Pinus sylvestris</i> (Scots pine), <i>Pisum</i> spp. (pea), <i>Rubus idaeus</i> (raspberry), <i>Secale cereale</i> (rye), <i>Setaria italica</i> (foxtail millet), <i>Solanum</i> spp. (leunca, nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Trifolium</i> spp. (clovers), <i>Triticale</i>, <i>Triticum aestivum</i> (gandum, wheat), <i>Vaccinium</i> (blueberries), <i>Vicia faba</i> (kacang babi, broad bean), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i> (jahe, ginger)</p>		<p>Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Luxembourg, Moldova, Montenegro, Netherlands, , Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom</p> <p>Oceania: Australia, Fiji, New Zealand. Papua Nugini, Solomon Islands</p>
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	(Schwein.) Woron., 1922); Fungi, Ascomycota, Sordariomycetes, Hypocreales, Nectriaceae; headblight of maize, scab of maize, root rot of maize, stalk rot of maize, ear rot of maize, Gibberella stalk rot, Gibberella ear rot, red ear rot, pink ear rot, Fusarium root and stalk rot, cobweb disease			
15.	[s]: - [a]: <i>Helminthosporium solani</i> Durieu & Mont., 1849; (Syn. <i>Brachysporium solani</i> (Durieu & Mont.) Sacc., 1886, <i>Cladosporium abietinum</i> Zukal, <i>Dematium atrovirens</i> Harz, 1871, <i>Helminthosporium atrovirens</i> (Harz) E.W. Mason & S. Hughes, 1953), <i>Spondylocladium atrovirens</i> (Harz) Harz ex Sacc., 1886); Fungi, Ascomycota, Dothideomycetes, Pleosporales, Massarinaceae;	<i>Solanum tuberosum</i> (kentang, potato)	akar (roots), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)	Indonesia: Jawa, Lombok, Sumatera (Bengkulu, Jambi, Sumatera Selatan, Sumatera Utara, Sumatera Barat, Jambi) Africa: Morocco, South Africa America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Cuba, Mexico, Peru, USA, Venezuela Asia: China, India, Iran, Israel, Japan, Myanmar, Singapore, Taiwan, Turkey Europe: Austria, Belarus, Bulgaria, Czechoslovakia, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Romania, Russia, Slovakia, Sweden, Switzerland, United

	silver scurf			Kingdom Oceania: Australia, New Caledonia, New Zealand, Papua Nugini
16.	<p>[s]: <i>Leptosphaeria maculans</i> (Tul. & C. Tul.) Ces. & De Not., 1863; (Syn. <i>Phaeosphaeria sowerbyi</i> (Fuckel) L. Holm, 1957, <i>Leptosphaeria alliariae</i> (Auersw.) Rehm, 1883, <i>Pleospora maculans</i> Tul. & C. Tul., 1863, <i>Pleospora maculans</i> (Ces. & De Not.) Tul. & C. Tul., <i>Sphaeria alliariae</i> Auersw., <i>Sphaeria brassicae</i> Pers. ex Curr., 1859, <i>Sphaeria lingam</i> Tode, 1791, <i>Sphaeria maculans</i> Desm.);</p> <p>[a]: <i>Phoma lingam</i> (Tode) Desm., 1849; (Syn. <i>Depazea brassicae</i> Sacc., 1884, <i>Heptameria maculans</i> (Ces. & De Not.) Cooke, <i>Phoma brassicae</i> Thüm., 1884, <i>Phoma lingam f. linariae</i> Sacc. & Paol., <i>Phoma</i></p>	<p><i>Alliaria</i>, <i>Arabidopsis thaliana</i>, <i>Argemone mexicana</i> (jaruju, Mexican poppy), Asteraceae, <i>Astragalus adsurgens</i>, <i>Avena sativa</i> (oat, oats), <i>Beta vulgaris</i> (bit gula, sugar beet), <i>Brassica</i> spp., <i>Brassica juncea</i> var. <i>juncea</i> (Indian mustard), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica nigra</i> (black mustard), <i>Brassica oleracea</i> (kol, cabbage), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Brassica rapa</i> subsp. <i>pekinensis</i>, <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), Brassicaceae, <i>Cardamine</i></p>	<p>akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds), buah (fruits), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Indonesia: Jawa, Sumatera (Sumatera Barat), Sulawesi (Sulawesi Selatan, Sulawesi Utara) Africa: Egypt, Ethiopia, Kenya, Mozambique, Nigeria, South Africa, Tunisia, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Costa Rica, El Salvador, Guadeloupe, Mexico, Panama, Puerto Rico, USA Asia: Armenia, China, DPR Korea (North Korea), Georgia, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Thailand, Turkey Europe: Austria, Belarus, Belgium, Bulgaria, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal,</p>

<p><i>lingam</i> f. <i>lingam</i> (Tode) Desm., 1849, <i>Phoma lingam</i> var. <i>lingam</i> (Tode) Desm., 1849, <i>Phoma lingam</i> var. <i>napobrassicae</i> (Rostr.) Grove, 1935, <i>Phoma napobrassicae</i> Rostr. (1892), <i>Phoma oleracea</i> Sacc., 1880, <i>Phoma oleracea</i> f. <i>oleracea</i> Sacc., 1909, <i>Phoma oleracea</i> f. <i>oleracea</i> Sacc., 1880, <i>Phoma oleracea</i> var. <i>antirrhini</i> Sacc., 1884, <i>Phoma oleracea</i> var. <i>antirrhini-litigiosi</i> Gonz. Frag., 1917, <i>Phoma oleracea</i> var. <i>arabidis</i> Baudyš & Picb., 1928, <i>Phoma oleracea</i> var. <i>dipsaci</i> Sacc., 1884, <i>Phoma oleracea</i> var. <i>heraclei-lanati</i> Sacc., 1920, <i>Phoma oleracea</i> var. <i>oleracea</i> Sacc., 1880, <i>Phoma oleracea</i> var. <i>scrophulariae</i> Sacc., 1884, <i>Phoma oleracea</i> var. <i>solidaginis</i> Sacc., 1884,</p>	<p><i>bellidfolia</i>, <i>Clematis vitalba</i>, <i>Eucalyptus globulus</i>, <i>Gentiana cruciata</i>, Gentianales, <i>Hibiscus rosa-sinensis</i> (kembang sepatu, China rose), <i>Iberis</i> (candytuft), <i>Iberis umbellata</i>, <i>Lobularia</i>, <i>Lobularia maritima</i>, <i>Lolium perenne</i>, <i>Matthiola</i>, <i>Matthiola incana</i>, Onagraceae, <i>Raphanus</i> spp. (lobak, radish), <i>Raphanus Sativus</i> (lobak, radish), <i>Raphanus sativus</i> var. <i>sativus</i>, <i>Secale cereale</i>, <i>Sinapsis alba</i>, <i>Sinapsis arvensis</i> (wild mustard), <i>Sisymbrium</i> sp., <i>Thlaspi arvense</i> (field pennycress)</p>		<p>Romania, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Scotland Oceania: Australia, New Caledonia, New Zealand, Papua Newguini</p>
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	<p><i>Phoma oleracea</i> var. <i>tanacetii</i> Allesch., 1901, <i>Phoma oleracea</i> var. <i>urticae</i> Sacc., 1884, <i>Phyllosticta brassicae</i> Westend., 1851, <i>Phyllosticta napi</i> Sacc., 1879, <i>Plenodomus lingam</i> (Tode) Höhn.), <i>Sphaeropsis lingam</i> (Tode) Mussat); Fungi, Ascomycota, Dothideomycetes, Ploeosporales, Leptosphaeriaceae; pangkal batang hitam (black leg), canker, dry rot, leaf spot, black leg of fungus, black leg of rapeseed, black leg of cabbage, black leg of crucifers, dry rot of crucifers, stem canker</p>			
17.	<p>[s]: - [a]: <i>Macrophomina phaseolina</i> (Tassi) Goid., 1947; (Syn. <i>Botryodiplodia phaseoli</i> (Maubl.) Thirum., 1953, <i>Dothiorella phaseoli</i> (Maubl.) Petr. & Syd., 1927, <i>Dothiorella</i></p>	<p><i>Abelmoschus esculentus</i> (okra), <i>Abies concolor</i> (Rocky Mountain white fir), <i>Actinidia chinensis</i> (Chinese gooseberry), <i>Actinidia deliciosa</i> (kiwifruit), <i>Albizia lebeck</i> (Indian siris), <i>Alhagi pseudalhagi</i> (Camel-thorn), <i>Allium cepa</i> (bawang bombay,</p>	<p>akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves),</p>	<p>Indonesia: Jawa (Jawa Barat, Banten) Africa: Benin, Botswana, Burkina Faso, Cameroon, Central African Republic, DR Congo, Egypt, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Ivory Coast, Kenya, Libya, Madagascar, Malawi,</p>

<p><i>philippinensis</i> (Petr.) Petr., 1927, <i>Dothiorella cajani</i> (Syd., P. Syd. & E.J. Butler) Syd., P. Syd. & E.J. Butler, 1925, <i>Fusicoccum cajani</i> (Syd., P. Syd. & E.J. Butler) Samuels & B.B. Singh, 1986, <i>Macrophoma cajani</i> Syd., P. Syd. & E.J. Butler, 1916, <i>Macrophoma corchori</i> Sawada, 1916, <i>Macrophoma phaseoli</i> Maubl., 1905, <i>Macrophoma phaseolina</i> Tassi, 1901, <i>Macrophoma sesami</i> Sawada, 1922, <i>Macrophomina phaseoli</i> (Maubl.) S.F. Ashby, 1927, <i>Macrophomina phaseoli</i> var. <i>indica</i> Moniz & V.P. Bhide, 1963, <i>Macrophomina phaseoli</i> var. <i>phaseoli</i> (Maubl.) S.F. Ashby, 1927, <i>Macrophomina philippinensis</i> Petr., 1923, <i>Rhizoctonia bataticola</i> (Taubenh.) E.J.</p>	<p>onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Artocarpus hirsutus</i> (wild jack fruit), <i>Basella alba</i> (Malabar spinach), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Boehmeria nivea</i> (ramie), <i>Bombax ceiba</i> (silk cotton tree), Brassica, <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Broussonetia papyrifera</i> (paper mulberry), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cannabis sativa</i> (ganja, hemp), <i>Capsicum annuum</i> (paprika, bell pepper), <i>Carica papaya</i> (pepaya, papaya), <i>Carthamus tinctorius</i> (safflower), <i>Catharanthus roseus</i> (Pink periwinkle), <i>Cedrus atlantica</i> (Atlas cedar), <i>Cedrus deodara</i> (Himalayan cedar), <i>Celosia argentea</i> (celosia), Chlorophytum, <i>Cicer arietinum</i> (chickpea), Cichorium (chicory), <i>Citrullus lanatus</i> (semangka,</p>	<p>polong (pods), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Mauritius, Morocco, Mozambique, Niger, Nigeria, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Bahamas, Brazil, Canada, Chile, Colombia, Cuba, Dominica, El Savador, Guadeloupe, Guyana, Honduras, Jamaica, Mexico, Puerto Rico, Peru, Trinidad and Tobago, Uruguay, USA, Venezuela Asia: Bangladesh, Brunei Darussalam, China, India, Iran, Iraq, Israel, Japan, Kuwait, Lebanon, Malaysia, Myanmar, Nepal, Oman, Pakistan, Republic of Korea (South Korea), Sri Lanka, Syria, Taiwan, Turkey, Yemen Europe: Austria, Bulgaria, Cyprus, Czech Republic, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Mediterranean countries, Montenegro, Netherlands, Romania, Russia, Serbia, Slovakia, Spain, Switzerland, United Kingdom</p>
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	<p>Butler, 1925, <i>Rhizoctonia lamellifera</i> W. Small, 1924, <i>Sclerotium bataticola</i> Taubenh., 1913, <i>Tiarosporella phaseoli</i> (Maubl.) Aa, 1977, <i>Tiarosporella phaseolina</i> (Tassi) Aa, 1981); Fungi, Ascomycota, Dothideomycetes, Botryosphaerales, Botryosphaeriaceae; charcoal rot of bean/tobacco, ashy stem blight, ashy stem decay of bean/tobacco, blight of bean/tobacco, root rot of bean/tobacco</p>	<p>watermelon), <i>Citrus reticulata</i> (mandarin), <i>Cocos nucifera</i> (kelapa, coconut), <i>Corchorus capsularis</i> (white jute), <i>Corchorus olitorius</i> (jute), <i>Coriandrum sativum</i> (coriander), <i>Crocus sativus</i> (saffron), <i>Crotalaria juncea</i> (sunn hemp), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimum, cucumber), <i>Cucurbita pepo</i> (labu kuning, zucchini), <i>Cuminum cyminum</i> (cumin), <i>Curcuma longa</i> (kunyit, turmeric), <i>Cyamopsis tetragonoloba</i> (guar), Dahlia, <i>Datura stramonium</i> (jimsonweed), <i>Daucus carota</i> (wortel, carrot), <i>Elaeis guineensis</i> (kelapa sawit, African oil palm), <i>Eucalyptus camaldulensis</i> (red gum), <i>Eucalyptus tereticornis</i> (forest red gum), Fagopyron, <i>Fragaria</i>, <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (kapas, cotton), <i>Gossypium barbadense</i></p>	<p>Oceania: Australia, Fiji, New Zealand, Papua Nugini, Solomon Islands</p>
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		<p>(Gallini cotton), <i>Greenovia</i> spp., <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hibiscus schizopetalus</i> (fringed hibiscus), <i>Impatiens balsamina</i> (garden balsam), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Incarvillea delavayi</i>, <i>Jasminum</i> (melati, jasmine), <i>Juniperus scopulorum</i> (Rocky Mountain juniper), <i>Juniperus virginiana</i> (eastern redcedar), <i>Lablab purpureus</i> (hyacinth bean), <i>Lagenaria siceraria</i> (bottle gourd), <i>Lens culinaris</i> subsp. <i>culinaris</i> (lentil), <i>Linum</i> (flax), <i>Lupinus</i> (lupins), <i>Macrotyloma uniflorum</i> (horsegram), <i>Mangifera indica</i> (mangga, mango), <i>Manihot esculenta</i> (singkong, cassava), <i>Medicago</i> (medic), <i>Momordica charantia</i> (bitter gourd), <i>Narcissus</i> (daffodil), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Olea europaea</i> subsp. <i>europaea</i> (olive), <i>Oryza sativa</i> (padi, paddy, rice), <i>Papaver somniferum</i> (Opium poppy),</p>		
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		<p><i>Parthenium argentatum</i> (Guayule), <i>Pelargonium</i> (pelargoniums), <i>Pennisetum glaucum</i> (pearl millet), <i>Phaseolus</i> (beans), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pinopsida</i> (conifers), <i>Pinus canariensis</i> (canary pine), <i>Pinus caribaea</i> (Caribbean pine), <i>Pinus clausa</i> (sand pine), <i>Pinus halepensis</i> (Aleppo pine), <i>Pinus jeffreyi</i> (Jeffrey pine), <i>Pinus lambertiana</i> (big pine), <i>Pinus pinaster</i> (maritime pine), <i>Pinus pinea</i> (stone pine), <i>Pinus radiata</i> (radiata pine), <i>Piper betle</i> (betel pepper), <i>Piper nigrum</i> (black pepper), <i>Pisum sativum</i> (pea), <i>Plectranthus barbatus</i>, <i>Prosopis juliflora</i> (mesquite), <i>Prunus armeniaca</i> (apricot), <i>Prunus cerasus</i> (sour cherry), <i>Prunus persica</i> (peach), <i>Pseudotsuga menziesii</i> (Douglas-fir), <i>Psidium guajava</i> (jambu biji, guava), <i>Psophocarpus tetragonolobus</i> (winged bean), <i>Raphanus</i></p>		
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		<p><i>sativus</i> (lobak, radish), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Salvia officinalis</i> (common sage), <i>Sapium</i> <i>sebiferum</i> (Chinese tallow tree), <i>Sesamum indicum</i> (sesame), <i>Solanum</i> <i>lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum viarum</i> (tropical soda apple), <i>Solidago</i> <i>canadensis</i> (Canadian goldenrod), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sterculia</i> <i>urens</i> (kateera gum), <i>Stevia</i> <i>rebaudiana</i>, <i>Stylosanthes</i> (pencil-flower), <i>Syzygium</i> <i>samarangense</i> (water apple), <i>Tagetes erecta</i> (African marigold), <i>Trifolium</i> <i>alexandrinum</i> (Berseem clover), <i>Trigonella foenum-</i> <i>graecum</i> (fenugreek), <i>Vanilla</i> <i>planifolia</i> (vanila, vanilla), <i>Vicia faba</i> (faba bean), <i>Vigna</i> <i>aconitifolia</i> (moth beans),</p>		
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		<i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (mung bean), <i>Vigna unguiculata</i> (cowpea), Vitis (grape), <i>Zea mays</i> (jagung, corn, maize), Zingiber (jahe, ginger)		
18.	[s]: <i>Mycosphaerella fijiensis</i> M. Morelet (1969); (Syn. <i>Mycosphaerella</i> <i>fijiensis</i> var. <i>difformis</i> J.L. Mulder & R.H. Stover (1976), <i>Mycosphaerella</i> <i>fijiensis</i> var. <i>fijiensis</i> M. Morelet, 1969); [a]: <i>Pseudocercospora fijiensis</i> (M. Morelet) Deighton (1976); (Syn. <i>Cercospora fijiensis</i> M. Morelet (1969), <i>Cercospora fijiensis</i> var. <i>difformis</i> J.L. Mulder & R.H. Stover (1976), <i>Paracercospora fijiensis</i> (M. Morelet) Deighton (1979), <i>Paracercospora</i> <i>fijiensis</i> var. <i>difformis</i> (J.L. Mulder & R.H. Stover) Deighton (1979)); Fungi, Ascomycota, Pezizomycotina,	<i>Heliconia psittacorum</i> , <i>Musa</i> spp. (pisang, banana)	bibit (seedlings), daun (leaves)	Indonesia: Sumatera (Sumatera Utara) Africa: Benin, Burundi, Cameroon, Central African Republic, Comoros, Congo, DR Congo, Gabon, Ghana, Guinea- Bissau, Ivory Coast, Kenya, Madagascar, Malawi, Mauritius, Mayotte, Niger, Nigeria, Rwanda, Sao Tome and Principe, Tanzania, Togo, Uganda, Zambia America: Bahamas, Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Saint Vincent and the Grenadines, Trinidad and Tobago, USA, Hawaii, Venezuela Asia: Bhutan, Brunei Darussalam, China, Malaysia,

	Dothideomycetes, Mycopshaerelalles, Mycosphaerellaceae; black sigatoka			Philippines, Singapore, Taiwan, Thailand, Vietnam. Oceania: American Samoa, Cook Islands, Federated states of Micronesia, Fiji, French Polynesia, Guam, Marshall Islands, New Caledonia, Niue, Norfolk Island, Northern Mariana Islands, Palau, Papua Nugini, Samoa, Solomon Islands, Tonga, Vanuatu, Wallis and Futuna Islands
19.	[c]: <i>Peronosclerospora philippinensis</i> (W. Weston) C.G. Shaw, 1978; (Syn. <i>Sclerospora maydis</i> Reinking, 1918, <i>Sclerospora philippinensis</i> W. Weston, 1920); Chromista, Oomycota, Oomycetes, Peronosporae, Peronosporales, Peronosporaceae; Philippine downy mildew	<i>Andropogon</i> (beardgrass), <i>Avena sativa</i> (oats), <i>Saccharum officinarum</i> (tebu, sugarcane) <i>Saccharum spontaneum</i> (tebu liar, wild sugarcane) <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Zea mays</i> (jagung, maize), <i>Zea mays subsp. mexicana</i> (teosinte)	biji (true seeds, grain), daun (leaves)	Indonesia: Sulawesi, Kalimantan (Kalimantan Barat) Africa: Mauritius Asia: Bangladesh, China, India, Japan, Nepal, Pakistan, Philippines, Taiwan, Thailand.
20.	[c]: <i>Peronosclerospora sorghi</i> (W. Weston & Uppal) C.G. Shaw, 1978; (Syn. <i>Sclerospora andropogonis-sorghi</i> (Kulk	<i>Andropogon sorghi</i> , <i>Panicum trypheron</i> , <i>Pennisetum glaucum</i> , <i>Sorghum</i> spp., <i>Sorghum alnum</i> (Columbus grass), <i>Sorghum</i>	biji (true seeds, grains), daun (leaves), media tanam (tanah) (growing media associated with	Indonesia: Jawa (Jawa Barat, Jawa Tengah, Jawa Timur), Kalimantan (Kalimantan Barat, Kalimantan Timur), Sumatera (Sumatera Barat, Lampung),

	<p>) Mundk., 1951, <i>Sclerospora graminicola</i> var. <i>andropogonis-sorghii</i> Kulk., 1913, <i>Sclerospora sorghi</i> W. Weston & Uppal, 1932, <i>Sorosporium andropogonis-sorghii</i> S. Ito, 1935); Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae; sorghum downy mildew, mildew of maize and sorghum</p>	<p><i>arundinaceum</i>, <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum caffrorum</i>, <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum propinquum</i>, <i>Sorghum sudanense</i> (Sudan grass), <i>Sorghum vesicolor</i>, <i>Sorghum virgatum</i> (tunis grass), <i>Zea diploperennis</i>, <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>Mexicana</i> (teosinte)</p>	<p>plants (soil))</p>	<p>Nusa Tenggara Timur, Sulawesi (Gorontalo, Sulawesi Selatan), Bali Africa: Benin, Botswana, Burundi, Egypt, Eswatini, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda, Somalia, South Africa, Sudan, Tanzania, Uganda, Zimbabwe. America: Argentina, Bolivia, Brazil, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Puerto Rico, USA, Uruguay, Venezuela. Asia: Bangladesh, China, India, Iran, Israel, Japan, Nepal, Pakistan, Philippines, Thailand, Timor Leste, Yaman.</p>
21.	<p>[c]: <i>Peronospora manshurica</i> (Naumov) Syd., 1923; (Syn. <i>Peronospora sojae</i> F. Lehm. & F.A. Wolf, 1924, <i>Peronospora trifoliorum</i> var. <i>manshurica</i> Naumov, 1914); Chromista, Oomycota, Peronosporae, Peronosporales, Peronosporaceae;</p>	<p><i>Glycine max</i> (kedelai, soybean), <i>Glycine soja</i></p>	<p>batang (stems above ground, trunks, branches), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Indonesia: Jawa (Jawa Timur, Jawa Barat) Africa: Ethiopia, South Africa, Zimbabwe. America: Argentina, Bermuda, Bolivia, Brazil, Canada, Colombia, Cuba, Mexico, Puerto Rico, USA Asia: China, North Korea, Iran, Israel, Japan, Kazakhstan, Malaysia, Philippines, South</p>

	soybean downy mildew, embun bulu			Korea, Taiwan, Thailand, Turkey, Vietnam Europe: Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Czechoslovakia, Denmark, France, Germany, Hungary, Italy, Latvia, Macedonia, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Sweden, Ukraine, UK. Oceania: Australia, New Zealand
22.	[r]: <i>Phakopsora ampelopsidis</i> Dietel & P. Syd., 1898; (Syn. <i>Angiopsora ampelopsidis</i> (Dietel & P. Syd.) Thirum. & F. Kern, 1949, <i>Physopella ampelopsidis</i> (Dietel & P. Syd.) Cummins & Ramachar, 1959); Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Phakopsoraceae; ampelopsis rust fungus, karat	<i>Ampelopsis</i> , <i>Ampelopsis aconitifolia</i> (monkhood-vine), <i>Ampelocissus robinsonii</i> , <i>Ampelopsis heterophylla</i> , <i>Ampelopsis brevipedunculata</i> (<i>Amur ampelopsis</i>), <i>Cayratia</i> , <i>Cissus</i> , <i>Cissus yoshimurae</i> , <i>Meliosma</i> sp., <i>Meliosma myriantha</i> , <i>Partheocissus thunbergii</i> , <i>Partheocissus tricuspidata</i> , <i>Quinaria tricuspidata</i> , Vitaceae, <i>Vitis caribaea</i> , <i>Vitis coignatiae</i> , <i>Vitis flexuosa</i> , <i>Vitis lanata</i> , <i>Vitis munsoniana</i> , <i>Vitis tiliifolia</i> , <i>Vitis vinifera</i> (anggur, grapevine)	batang (stems), daun (leaves)	Indonesia: Jawa (Jawa Tengah, Jawa Timur), Bali, Sulawesi (Sulawesi Selatan). Asia: China, Hong Kong, Japan, Nepal, Philippines, South Korea, Taiwan, Thailand. Oceania: Australia.
23.	[c]: <i>Phytophthora</i>	<i>Abies lasiocarpa</i> var.	akar (roots), batang	Indonesia: Sulawesi (Sulawesi

	<p><i>citrophthora</i> (R.E. Sm. & E.H. Sm.) Leonian, 1925; (Syn. <i>Phytophthora imperfect</i> var. <i>citrophthora</i> (R. E. Sm. & E. H. Sm.) Sarej., 1936, <i>Pythiacystis citrophthora</i> R. E. Sm. & E. H. Sm., 1906); Chromista, Oomycota, Oomycetes, Peronosporales, Peronosporaceae; brown rot of citrus fruit, foot rot of citrus, cocoa black pod, stem necrosis, canker, seedling blight</p>	<p><i>arizonica</i>, <i>Acca sellowiana</i>, <i>Actinidia deliciosa</i> (kiwi, kiwi), Buxus, <i>Castanea sativa</i> (chesnut), <i>Chamaecyparis lawsonia</i> (Port oxford cedar), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus</i> spp., <i>Citrus clementina</i>, <i>Citrus limetta</i> (sweet lemon tree), <i>Citrus limon</i> (lemon, lemon), <i>Citrus maxima</i> (pummelo), <i>Citrus reticulata</i> (Mandarin), <i>Citrus sinensis</i> (nevel orange), <i>Cocos nucifera</i> (kelapa, coconut), <i>Coptis japonica</i>, <i>Diospyros kaki</i> (kesemek, persimmon), <i>Euonymus</i> spp., <i>Fagus</i> spp., <i>Ficus elastica</i>, <i>Fortunella japonica</i> (round kumquat), <i>Fragaria</i> spp., <i>Fragaria ananasa</i> (stroberi, strawberry), <i>Fragaria regia</i> (walnut), <i>Hevea brasiliensis</i> (karet, rubber), <i>Juglans</i> spp., <i>Juglans regia</i> (walnut), <i>Lavandula angustifolia</i> (lavender), <i>Ligustrum vulgare</i>, <i>Mandevilla</i> spp., <i>Murraya</i> sp., <i>Nothofagus obliqua</i> (roble), <i>Pandorea jasminoides</i>,</p>	<p>(stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), daun (leaves), media tanam (growing media associated with plants), polong (pods), tunas (shoots)</p>	<p>Tengah), Nusa Tenggara Timur Africa: Algeria, Angola, DR Congo, Egypt, Ethiopia, Ivory Coast, Kenya, Mauritius, Morocco, Mozambique, Senegal, South Africa, Tunisia, Zambia, Zimbabwe America: Argentina, Barbados, Brazil, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, French Guiana, Guadeloupe, Guatemala, Guyana, Haiti, Jamaica, Martinique, Mexico, Panama, Peru, Puerto Rico, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela Asia: Armenia, Azerbaijan, Bangladesh, China, Georgia, Hong Kong, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Tajikistan, Thailand, Turkey, Turkmenistan, Uzbekistan, Vietnam, Yemen Europe: Belarus, Bulgaria, Cyprus, Czechia, Estonia,</p>
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		<p><i>Pelargonium graveolens</i> (rose geranium), <i>Picea abies</i> (common spruce), <i>Piper nigrum</i> (lada, pepper), <i>Pistacia vera</i> (pistachio), <i>Poncirus trifoliata</i>, <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus domestica</i> (prem, plum), <i>Prunus dulcis</i> (almon, badam, almond), <i>Rhododendron</i> spp., <i>Ribes sanguineum</i>, <i>Ribes lobbbii</i> (lobs goosberry), <i>Ribes sanguineum</i> (flowering currant), <i>Rosmarinus officinalis</i> (rosemary), <i>Rubus idaeus</i>, <i>Sandoricum koetjape</i> (kecapi, kecaphi), <i>Sciadopitys verticillata</i>, <i>Sequoiadendron giganteum</i>, <i>Sesamum indicum</i> (wijen, sesame), <i>Solanum tuberosum</i> (kentang, potato), <i>Syringa vulgaris</i> (lilac), <i>Tabernae coronaria</i>, <i>Taxus</i> spp., <i>Theobroma cacao</i> (kakao, cocoa), <i>Vaccinium</i> (blueberries)</p>		<p>France, Greece, Hungary, Italy, Latvia, Lithuania, Moldova, Poland, Portugal, Russia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, Cook Islands, Fiji, New Caledonia, New Zealand</p>
24.	[s]: <i>Pleospora allii</i> (Rabenh.) Ces. & De Not., 1863;	<p><i>Allium cepa</i> (bawang bombay, onion), <i>Allium cepa</i> var.</p>	<p>biji (true seeds), buah (fruits), daun (leaves),</p>	<p>Indonesia: Jawa, Lombok Africa: Egypt, Ethiopia, Kenya,</p>

	<p>(Syn. <i>Cryptosphaeria herbarum</i> (Pers.) Grev., 1824, <i>Pleospora albicans</i> Fuckel, 1870, <i>Pleospora alfalfae</i> E. G. Simmons, 1986, <i>Pleospora allii</i> (Rabenh.) Ces. & De Not., 1863, <i>Pleospora asparagi</i> Rabenh. ex Sacc., 1883, <i>Pleospora asparagi</i> Rabenh., 1858, <i>Pleospora cheiranthi</i> Cocc. & Morini, 1883, <i>Pleospora denotata</i> (Cooke & Ellis) Sacc., 1883, <i>Pleospora euonymi</i> Fuckel, 1870, <i>Pleospora euonymi</i> f. <i>caulicola</i> Grove, 1933, <i>Pleospora euonymi</i> var. <i>euonymi</i> Fuckel, 1870, <i>Pleospora euonymi</i> f. <i>euonymi</i> Fuckel, 1870, <i>Pleospora euonymi</i> f. <i>ramealis</i> Feltgen, 1905, <i>Pleospora excavata</i> var. <i>basitricha</i> (Durieu & Mont.) Sacc., 1883, <i>Pleospora frangulae</i> Fuckel, 1870, <i>Pleospora gymnocladi</i> Bagnis, 1877, <i>Pleospora herbarum</i> (Pers.)</p>	<p><i>aggregatum</i> (bawang merah, shallot), <i>Allium porrum</i> (bawang prei, leek), <i>Allium sativum</i> (bawang putih, garlic), <i>Asparagus officinalis</i> (asparagus), Aster, <i>Cannabis sativa</i> (marijuana), <i>Glycine max</i> (kedelai, soybean), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Mangifera indica</i> (mangga, mango), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Medicago tribuloides</i> (barrel medic), <i>Petroselinum crispum</i> (Parsley), <i>Pisum sativum</i> (kacang kapri), <i>Pyrus communis</i> (pir, European pear), <i>Raphanus sativus</i> (lobak, radish), <i>Solanum lycopersicum</i> (tomat, tomato)</p>	<p>polong (pods), umbi (bulbs)</p>	<p>Libya, Mauritius, Senegal, South Africa, Tunisia, Zambia America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Cuba, Jamaica, Mexico, Peru, USA, Venezuela Asia: Bangladesh, China, India, Iran, Iraq, Israel, Japan, Malaysia, Myanmar, Nepal, Pakistan, Saudi Arabia, South Korea, Saudi Arabia, Sri Lanka, Taiwan, Turkey, United Arab Emirates Europe: Belgium, Bulgaria, Cyprus, Denmark, France, Germany, Greece, Italy, Netherlands, Poland, Portugal, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, UK. Oceania: Australia, New Zealand, Tonga, Vanuatu</p>
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	<p>Rabenh. ex Ces. & De Not., 1863, <i>Pleospora herbarum</i> (Pers.) Rabenh., 1854, <i>Pleospora herbarum</i> f. <i>amaryllidis</i> Scalia, 1900, <i>Pleospora herbarum</i> var. <i>asperulina</i> Bubák, 1914, <i>Pleospora herbarum</i> var. <i>brassicae</i> Sacc., 1890, <i>Pleospora herbarum</i> f. <i>buphthalmi</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>camelliae</i> Speg., 1899, <i>Pleospora herbarum</i> f. <i>centranthi-rubri</i> Scalia, 1900, <i>Pleospora herbarum</i> var. <i>cheiranthi</i> (Cocc. & Morini) Sacc. & Traverso, 1911, <i>Pleospora herbarum</i> f. <i>cheiranthi-cheiri</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>chimonanthi</i> Scalia, 1901, <i>Pleospora herbarum</i> var. <i>cichorii</i> Cooke, <i>Pleospora herbarum</i> f. <i>citrorum</i> Sacc., 1882, <i>Pleospora herbarum</i> var. <i>cleomes</i> Bubák, 1914, <i>Pleospora herbarum</i> var. <i>coluteicola</i> Henn., 1905,</p>			
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<p><i>Pleospora herbarum</i> var. <i>coronillae</i> Gonz. Frag., 1917, <i>Pleospora herbarum</i> var. <i>coryphae</i> Cavara & Mollica, 1906, <i>Pleospora herbarum</i> f. <i>crini</i> Scalia, 1901, <i>Pleospora herbarum</i> f. <i>dahliae</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>daturae</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>eriobotryae</i> Scalia, 1901, <i>Pleospora herbarum</i> f. <i>euonymi</i> Scalia, 1901, <i>Pleospora herbarum</i> var. <i>euphrasiae</i> (Rabenh.) Sacc., 1882, <i>Pleospora herbarum</i> f. <i>ferulae</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>florentina</i> Cif., 1923, <i>Pleospora herbarum</i> f. <i>foliicola</i> Rehm, 1873, <i>Pleospora herbarum</i> var. <i>galii</i> Lambotte, 1891, <i>Pleospora herbarum</i> var. <i>genistae-ibericae</i> Gonz. Frag., 1917, <i>Pleospora herbarum</i> var. <i>glumarum</i> Berk. & Broome, <i>Pleospora herbarum</i> var.</p>			
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	<p><i>halimodendri</i> Gonz. Frag., 1917, <i>Pleospora herbarum</i> var. <i>herbarum</i> (Pers.) Rabenh., 1863, <i>Pleospora herbarum</i> f. <i>herbarum</i> (Pers.) Rabenh., 1863, <i>Pleospora herbarum</i> var. <i>ilicis</i> M. Bechet & N. Coman, 1963, <i>Pleospora herbarum</i> var. <i>iridia</i> Cooke, <i>Pleospora herbarum</i> f. <i>lactucum</i> Padhi & Snyder, 1954, <i>Pleospora herbarum</i> f. <i>liliimartagonis</i> Scalia, 1901, <i>Pleospora herbarum</i> f. <i>liriodendri</i> Berl., 1888, <i>Pleospora herbarum</i> var. <i>liriodendri</i> Berl., 1888, <i>Pleospora herbarum</i> var. <i>lolii</i> (P. Karst. & Har.) Mussat, 1901, <i>Pleospora herbarum</i> f. <i>loniceræ</i> Scalia, 1901, <i>Pleospora herbarum</i> f. <i>magnoliae</i> Scalia, 1901, <i>Pleospora herbarum</i> f. <i>mahoniae</i> Scalia, 1901, <i>Pleospora herbarum</i> var. <i>marrubii</i> Berl., 1888, <i>Pleospora</i></p>			
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	<p><i>herbarum</i> f. <i>marrubii</i> Berl., 1888, <i>Pleospora herbarum</i> f. <i>microspora</i> Sacc., 1883, <i>Pleospora herbarum</i> f. <i>minor</i> Niessl, 1876, <i>Pleospora herbarum</i> var. <i>minuscula</i> Berl., 1888, <i>Pleospora herbarum</i> f. <i>nepetae</i> Gonz. Frag., 1914, <i>Pleospora herbarum</i> var. <i>occidentalis</i> Wehm., 1946, <i>Pleospora herbarum</i> var. <i>ostryae</i> Berl., 1888, <i>Pleospora herbarum</i> f. <i>phaseoli</i> Scalia, 1900, <i>Pleospora herbarum</i> var. <i>pisi</i> (Sowerby) Cooke, <i>Pleospora herbarum</i> var. <i>psoraleae</i> Berl., 1888, <i>Pleospora herbarum</i> f. <i>psoraleae</i> Berl., 1888, <i>Pleospora herbarum</i> f. <i>resedae</i> Rehm, 1881, <i>Pleospora herbarum</i> f. <i>robusta</i> Niessl, 1876, <i>Pleospora herbarum</i> f. <i>rubiae</i> Scalia, 1901, <i>Pleospora herbarum</i> var. <i>rutae</i> Henn., 1903, <i>Pleospora herbarum</i> f.</p>			
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<p> <i>rutae</i> Scalia, 1901, <i>Pleospora herbarum</i> f. <i>scillae</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>scrophulariae</i> Scalia, 1900, <i>Pleospora herbarum</i> var. <i>silenicola</i> Speg., 1898, <i>Pleospora herbarum</i> f. <i>siliquaria</i> J. Kunze, 1876, <i>Pleospora herbarum</i> f. <i>smilacis</i> Scalia, 1900, <i>Pleospora herbarum</i> f. <i>solidaginis</i> Gonz. Frag., 1914, <i>Pleospora herbarum</i> var. <i>spinicola</i> Feltgen, 1903, <i>Pleospora herbarum</i> var. <i>symphoricarpi</i> Pass., 1890, <i>Pleospora herbarum</i> var. <i>triglochinis</i> Dearn. & House, 1925, <i>Pleospora herbarum</i> f. <i>viburni</i> Scalia, 1901, <i>Pleospora labiatarum</i> Cooke & Harkn., 1880, <i>Pleospora leguminum</i> (Wallr.) Rabenh., 1858, <i>Pleospora lolii</i> P. Karst. & Har., 1890, <i>Pleospora mali</i> Hesler, 1927, <i>Pleospora</i> <i>meliloti</i> Rabenh., 1883, </p>			
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	<p><i>Pleospora meliloti</i> f. <i>achilleae</i> Feltgen, 1903, <i>Pleospora meliloti</i> var. <i>medicaginis</i> Cooke & Masee, 1889, <i>Pleospora meliloti</i> var. <i>meliloti</i> Rabenh., 1883, <i>Pleospora meliloti</i> f. <i>meliloti</i> Rabenh., 1883, <i>Pleospora pisi</i> (Sowerby) Fuckel, 1870, <i>Pleospora pomorum</i> A. S. Horne, 1920, <i>Pleospora putrefaciens</i> A. B. Frank, 1896, <i>Pleospora salsolae</i> Fuckel, 1864, <i>Pleospora salsolae</i> var. <i>basitricha</i> (Durieu & Mont.) Berl., 1888, <i>Pleospora salsolae</i> var. <i>salsolae</i> Fuckel, 1864, <i>Pleospora salsolae</i> f. <i>salsolae</i> Fuckel, 1864, <i>Pleospora salsolae</i> var. <i>salsolae-peruviana</i>e Speg., 1883, <i>Pleospora salsolae</i> f. <i>schoberiae</i> Sacc., 1880, <i>Pleospora samarae</i> Fuckel, 1870, <i>Pleospora sedicola</i> E. G. Simmons, 2001, <i>Pleospora tomatonis</i> E. G. Simmons, 2001, <i>Pleospora</i></p>			
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	<p><i>typhae</i> Pass. ex Brunaud, 1889, <i>Sphaeria allii</i> Rabenh., 1846, <i>Sphaeria asparagi</i> (Rabenh. ex Sacc.) Plowr., <i>Sphaeria brassicae</i> Lasch, 1857, <i>Sphaeria denotata</i> Cooke & Ellis, 1877, <i>Sphaeria excavata</i> var. <i>basitricha</i> Durieu & Mont., 1848, <i>Sphaeria herbarum</i> Pers., 1801, <i>Sphaeria herbarum</i> f. <i>euphrasiae</i> Rabenh., 1860, <i>Sphaeria leguminum</i> Wallr., 1833, <i>Sphaeria pisi</i> Sowerby, 1803, <i>Sphaeria samarae</i> (Fuckel) Plowr.);</p> <p>[a]: <i>Stemphylium vesicarium</i> (Wallr.) E.G. Simmons, 1969; (Syn. <i>Alternaria putrefaciens</i> (Fuckel) E. G. Simmons, 1995, <i>Ampulina herbarum</i> (Pers.) Quél., 1875, <i>Clasterosporium putrefaciens</i> (Fuckel) Sacc., 1886, <i>Clasterosporium putrefaciens</i> var. <i>crucipes</i></p>			
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	<p>Speschnew, 1901, <i>Clasterosporium putresfaciens</i> var. <i>putresfaciens</i> (Fuckel) Sacc., 1886, <i>Delacourea samarae</i> (Fuckel) Cooke, <i>Exormatostoma herbarum</i> (Pers.) Gray, 1821, <i>Helminthosporium vesicarium</i> Wallr., 1833, <i>Macrosproim cheiranthi</i> var. <i>echinellum</i> (Berk. & M. A. Curtis), 1875, <i>Macrosporium commune</i> Rabenh, 1870, <i>Macrosporium commune</i> var. <i>arachidis</i> Sacc., 1975, <i>Macrosporium commune</i> f. <i>arachidis</i> Sacc., 1975, <i>Macrosporium commune</i> f. <i>brassicae</i> Brunaud, 1897, <i>Macrosporium commune</i> f. <i>calotropidis</i> Trotter, 1916, <i>Macrosporium commune</i> f. <i>calotropidis</i> Trotter, 1912, <i>Macrosporium commune</i> f. <i>campanulae</i> D. Sacc., 1901, <i>Macrosporium commune</i> var. <i>commune</i> Rabenh, 1870,</p>			
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	<p><i>Macrosporium commune</i> f. <i>commune</i> Rabenh, 1870, <i>Macrosporium commune</i> var. <i>echinellum</i> (Berk. & M. A. Curtis) Sacc., 1886, <i>Macrosporium commune</i> f. <i>heraclei</i> Brunaud, 1897, <i>Macrosporium commune</i> f. <i>lactucae-scarilolae</i> Kabát & Bubák, 1906, <i>Macrosporium commune</i> f. <i>leguminum</i> Roum., 1985, <i>Macrosporium commune</i> f. <i>musae</i> Berl. & Roum., 1887, <i>Macrosporium commune</i> f. <i>pisi</i> Gonz. Frag., 1919, <i>Macrosporium commune</i> f. <i>ricinis-communis</i> Berl. & Roum., 1887, <i>Macrosporium commune</i> f. <i>syringae</i> Roum., 1885, <i>Macrosporium commune</i> var. <i>theicola</i> Speschnew, 1904, <i>Macrosporium echinellum</i> Berk. & M. A. Curtis, 1867, <i>Macrosporium parasiticum</i> Thüm, 1877, <i>Macrosporium sarcinula</i></p>			
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	<p>Berk., 1838, <i>Macrosporium vesicarium</i> (Wallr.) Sacc., 1886, <i>Sporidesmium</i> <i>putrefaciens</i> Fuckel, 1870, <i>Stemphylium alfalfae</i> E. G. Simmons, 1986, <i>Stemphylium brassicicola</i> Y. F. Pei & X. G. Zhang, 2010 , <i>Stemphylium</i> <i>commune</i> (Rabenh.) N. F. Buchw., 1939, <i>Stemphylium</i> <i>cremanthodii</i> Y. F. Pei & X. G. Zhang, 2009, <i>Stemphylium herbarum</i> E. G. Simmons, 1986, <i>Stemphylium mali</i> Yong Wang bis & X. G. Zhang, 2009, <i>Stemphylium</i> <i>parasiticum</i> (Thüm.) J. A. Elliott, 1924, <i>Stemphylium</i> <i>sedicola</i> E. G. Simmons, 2001, <i>Stemphylium</i> <i>tomatonis</i> E. G. Simmons, 2001); Fungi, Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Pleosporaceae;</p>			
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	onion leaf blight; garlic leaf blight; purple spot of asparagus; brown spot of pear; garlic leaf spot; onion leaf spot; asparagus leaf spot; Stemphylium blight of onion; leaf blight: onion; purple spot			
25.	[r]: <i>Puccinia allii</i> (DC.) Rudopphi; [Syn. <i>Puccinia blasdalei</i> Dietel & Holw., <i>Puccinia mixta</i> Fuckel, <i>Puccinia porri</i> (Sowerby) G. Winter, <i>Uromyces ambiguus</i> (DC.) Lév., <i>Uromyces durus</i> Dietel] Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Pucciniaceae; rust of allium, onion, leek and garlic	<i>Allium ampeloprasum</i> (wild leek), <i>Allium cepa</i> (onion), <i>Allium cepa</i> var. <i>aggregatum</i> (shallot), <i>Allium chinense</i> (spring onion), <i>Allium fistulosum</i> (Welsh onion), <i>Allium porrum</i> (leek), <i>Allium sativum</i> (garlic), <i>Allium schoenoprasum</i> (chives), <i>Allium tuberosum</i> (oriental garlic), <i>Allium vineale</i> (crow garlic)	umbi (bulbs/ tubers/corms/ rhizomes), daun (leaves), batang (stems (above ground), tunas (shoots), cabang (trunks), ranting (branches)	Indonesia: Sulawesi (Sulawesi Utara) Africa: Algeria, Egypt, Ethiopia, Kenya, Libya, Mauritius, Morocco, Mozambique, South Africa, Tanzania, Tunisia, Uganda, Zimbabwe, Asia: Armenia, Azerbaijan, China, Hong Kong, India, Kazakhstan, Kyrgyzstan, Lebanon, Mongolia, Myanmar, North Korea, Pakistan, Philippines, Saudi Arabia, South Korea, Syria, Taiwan, Thailand, Turkey, Turkmenistan, Uzbekistan, Yemen. Europe: Austria, Bulgaria, Cyprus, Czechia, Czechoslovakia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Malta, Moldova, Montenegro,

				Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Serbia, Spain, Sweden, Switzerland, Ukraine, United Kingdom. America: Argentina, Brazil, Canada, Cuba, Chile, Guatemala, Mexico, USA, Uruguay Oceania: Australia, New Zealand
26.	[s]: <i>Sclerotinia sclerotiorum</i> (Lib.) de Bary, 1884; (Syn. <i>Helotium sclerotiorum</i> (Lib.) Fuckel, 1866, <i>Hymenoscyphus sclerotiorum</i> (Lib.) W. Phillips, 1887, <i>Sclerotinia libertiana</i> Fuckel, 1870, <i>Sclerotinia opuntiarum</i> Speg., 1899, <i>Sclerotinia sclerotiorum</i> f. <i>orobanches</i> Naras. & Thirum., 1954, <i>Sclerotinia sclerotiorum</i> f. <i>sclerotiorum</i> (Lib.) de Bary, 1884, <i>Sclerotinia sclerotiorum</i> var. <i>opuntiarum</i> (Speg.) Alippi, 1960, <i>Sclerotinia sclerotiorum</i>	<i>Abelmoschus esculentus</i> (bendi, okra), <i>Acroptilon repens</i> (Russian knapweed), <i>Actinidia chinensis</i> (kiwi, Chinese gooseberry), <i>Actinidia deliciosa</i> (kiwifruit), <i>Alcea rosea</i> (Hollyhock), <i>Allium cepa</i> (bawang bombay, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Anemone coronaria</i> (poppy anemone), <i>Anethum graveolens</i> (adas, dill), <i>Angelica archangelica</i> (Angelica), <i>Antirrhinum majus</i> (bunga mulut singa, snapdragon), <i>Apium graveolens</i> (seledri, celery), <i>Apium graveolens</i> var. <i>Rapaceum</i> (celeri), <i>Aquilegia</i> (Columbines), <i>Aquilegia</i>	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits, inc. pod), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tanaman, polen (pollen), polong (pods), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)	Indonesia: Jawa (Jawa Barat, Jawa Tengah) Africa: Algeria, Congo, DR Congo, Egypt, Ethiopia, Kenya, Libya, Malawi, Mauritius, Morocco, Nigeria, Saint Helena, South Africa, Tanzania, Zimbabwe America: Argentina, Bermuda, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Mexico, Nicaragua, Panama, Peru, Uruguay, USA, Venezuela Asia: Bangladesh, China, Georgia, Hong Kong, India, Iran, Israel, Japan, Jordan, Lebanon, Nepal, Pakistan, Republic of Korea (South Korea), Singapore,

	<p>var. <i>sclerotiorum</i> (Lib.) de Bary, 1884, <i>Whetzelinia sclerotiorum</i> (Lib.) Korf & Dumont, 1972); [a]: <i>Sclerotium varium</i> Pers., 1801; (Syn. <i>Peziza coemansii</i> J.J. Kickx, <i>Peziza sclerotiorum</i> Lib., 1837, <i>Phialea sclerotiorum</i> (Lib.) Gillet, 1881); Fungi, Ascomycota, Pezizomycotina, Leotiomycetes, Helotiales, Sclerotiniaceae; cottony soft rot, white rot, Sclerotinia wilt, Sclerotinia head rot, Sclerotinia blossom blight, Sclerotinia drop Sclerotinia soft rot, Sclerotinia stalk rot, Sclerotinia stem rot, collar rot, Sclerotinia pod rot, Sclerotinia canker, Sclerotinia twig blight, watery pod rot, white mould, sclerotinia disease</p>	<p><i>flabellata</i>, <i>Arabidopsis thaliana</i>, <i>Arachis hypogaea</i> (kacang tanah, groundnut), <i>Arctium lappa</i> (burdock), <i>Argyranthemum frutescens</i> (marguerite daisy), <i>Asclepias</i> (Silkweed), <i>Asparagus officinalis</i> (asparagus), <i>Aster ericoides</i> (Heath aster), <i>Astragalus sinicus</i> (Chinese clover), <i>Begonia tuberhybrida</i>, <i>Bellis perennis</i> (common daisy), <i>Berberis</i> (barberries), <i>Borago officinalis</i> (Borage), <i>Brassica</i>, <i>Brassica carinata</i> (African cabbage), <i>Brassica oleracea</i> (cabbages, cauliflowers), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (Brussels sprouts), <i>Brassica oleracea</i> var. <i>gongylodes</i> (kohlrabi), <i>Brassica oleracea</i> var. <i>italica</i> (brokoli, broccoli), <i>Brassica oleracea</i> var. <i>viridis</i> (collards), <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica rapa</i> subsp.</p>		<p>Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Turkey, Uzbekistan, Vietnam Europe: Albania, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Macedonia, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: American Samoa, Australia, Fiji, New Zealand, Samoa</p>
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		<p><i>chinensis</i> (Chinese cabbage), <i>Brassica rapa</i> subsp. <i>pekinensis</i>, <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), Brassicaceae (cruciferous crops), <i>Camellia</i>, <i>Camelina sativa</i>, <i>Campanula</i> (campanulas), <i>Cannabis sativa</i> (hemp), <i>Capsicum annuum</i> (bell pepper), <i>Capsicum frutescens</i> (cabai rawit, <i>chilli</i>), <i>Carduus</i> (thistle), <i>Carthamus tinctorius</i> (kesumba, safflower), <i>Carum carvi</i> (jintan putih, caraway), <i>Catharanthus roseus</i> (Madagascar periwinkle), <i>Centaurea</i> (Knapweed), <i>Chenopodium album</i> (fat hen), <i>Chrysanthemum</i> (krisan, daisy), <i>Cicer arietinum</i> (kacang Arab, chickpea), <i>Cichorium</i> (chicory), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus</i>, <i>Citrus aurantiifolia</i> (lemon, lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus limonia</i> (mandarin lime), <i>Citrus maxima</i> (jeruk Bali,</p>		
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		<p>pummelo), <i>Citrus medica</i> (jeruk sukade, citron), <i>Citrus reticulata</i> (Jeruk Mandarin, mandarin), <i>Citrus sinensis</i> (jeruk, navel orange), <i>Citrus x paradisi</i> (grapefruit), <i>Corchorus olitorius</i> (yute, jute), <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Cosmos bipinnatus</i> (garden cosmos), <i>Crotalaria spectabilis</i> (showy rattlepod), <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (kabocha, giant pumpkin), <i>Cucurbita moschata</i> (labu, pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cullen corylifolium</i> (black-dot), <i>Cynara cardunculus</i> L. var. <i>scolymus</i> (globe artichoke), <i>Cynoglossum officinale</i> (hound's tongue), <i>Datura stramonium</i> (jimsonweed), <i>Daucus carota</i> (wortel, carrot), <i>Dianthus caryophyllus</i> (anyelir, carnation), <i>Echinacea purpurea</i> (purple</p>		
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		<p>coneflower), <i>Echium vulgare</i>, <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Eustoma grandiflorum</i> (Lisianthus (cut flower crop)), <i>Fagopyron esculentum</i> (buckwheat), <i>Felicia</i> <i>amelloides</i>, <i>Foeniculum</i> <i>vulgare</i> (adas, fennel), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gaillardia x</i> <i>grandiflora</i>, <i>Glycine max</i> (kedelai, soyabean), Gossypium (cotton), <i>Guizotia</i> <i>abyssinica</i> (niger), <i>Helianthus</i> <i>annuus</i> (sunflower), <i>Helianthus tuberosus</i> (Jerusalem artichoke), <i>Hibiscus cannabinus</i> (kenaf), <i>Hibiscus trionum</i> (Venice mallow), Humulus (hop), <i>Iberis sempervirens</i> (edging candytuft), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), Iris (irises), <i>Lablab purpureus</i> (hyacinth bean), <i>Lactuca</i> <i>sativa</i> (selada, lettuce), <i>Lagenaria siceraria</i> (bottle gourd), <i>Lantana camara</i> (lantana), <i>Lavandula</i></p>		
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		<p><i>stoechas</i>, <i>Lens culinaris</i> ssp. <i>culinaris</i> (lentil), <i>Lilium</i> (lili, lily), <i>Lupinus</i> (lupins), <i>Malus domestica</i> (apel, apple), <i>Malvaviscus arboreus</i> var. <i>drumondii</i>, <i>Marrubium</i> (horehound), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Melilotus</i> (melilots), <i>Mentha piperita</i> (daunt mint, peppermint), <i>Mentha spicata</i> (spear mint), <i>Morus</i> (murbei, mulberrytree), <i>Musa</i> (pisang, banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum</i>, <i>Ocimum basilicum</i> (basil), <i>Osteospermum</i>, <i>Panax ginseng</i> (Asiatic ginseng), <i>Papaver somniferum</i> (Opium poppy), <i>Pastinaca sativa</i> (parsnip), <i>Pelargonium</i> (pelargoniums), <i>Persea americana</i> (alpukat, avocado), <i>Petroselinum crispum</i> (parsley), <i>Petunia</i>, <i>Phaseolus</i> (beans), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus lunatus</i> (kacang kratok, lima bean), <i>Phaseolus radiata</i> (kacang hijau), <i>Phaseolus</i></p>		
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		<p><i>vulgaris</i> (buncis, common bean), Phlox, <i>Pistacia vera</i> (pistachio), <i>Pisum sativum</i> (kapri, pea), Prunus (stone fruit), <i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus dulcis</i> (almon, badam, almond), <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese plum), <i>Ranunculus asiaticus</i> (garden crowfoot), <i>Ranunculus repens</i> (creeping buttercup), <i>Rhaponticum repens</i> (Russian knapweed), <i>Rheum hybridum</i> (rhubarb), <i>Ricinus communis</i> (jarak kepyar, castor bean), Rosa (roses), <i>Rosmarinus officinalis</i> (rosmarin, rosemary), <i>Rubus idaeus</i> (raspberry), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Sesamum indicum</i> (sesame), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sonchus asper</i>, <i>Spinacia oleracea</i> (bayam, spinach), <i>Stevia rebaudiana</i>,</p>		
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		<p><i>Tagetes erecta</i> (African marigold), <i>Thymus citriodorus</i>, <i>Trachyspermum ammi</i>, Trifolium (clovers), Tulipa (tulip), <i>Vaccinium corymbosum</i> (blueberry), <i>Vaccinium virgatum</i>, <i>Vicia faba</i> (broad bean), <i>Vigna angularis</i> (kacang azuki, adzuki bean), <i>Vigna mungo</i> (kacang mungo, black gram), <i>Vigna radiata</i> (kacang hijau, mung bean), Viola (violet), <i>Xanthium cavanellesii</i>, <i>Xerochrysum bracteatum</i>, Zinnia</p>		
27.	<p>[p]: <i>Spongospora subterranea</i> (Wallr.) Lagerh., 1892; (Syn. <i>Erysibe subterranea</i> Wallr., 1892, <i>Sporosorium scabies</i> (Berk.) A. A. Fiscj. Waldh., 1877, <i>Spongospora scabies</i> (Berk.) Masee, 1908, <i>Spongiospora subterranean</i>, <i>Spongospora subterranean</i> f. <i>subterranean</i> J.A.Toml, <i>Spongospora subterranean</i> f. <i>valdeevoluta</i> (Wallr.)</p>	<p><i>Capsicum annuum</i> (paprika, bell pepper), <i>Datura stramonium</i> (jimsonweed), <i>Nicandra physalodes</i> (apple of Peru), <i>Nicotiana rustica</i> (wild tobacco), <i>Physalis peruviana</i> (Cape gooseberry), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum marginatum</i> (white-edged nightshade), <i>Solanum nigrum</i> (leunca, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Tussilago farfara</i> (Colt's-foot),</p>	<p>akar (roots), bonggol, media tanam (tanah) (growing media associated with plants (soil)), umbi (bulbs, tubers, corms, rhizomes)</p> <p>sebagai vektor: <i>Potato mop-top pomovirus</i></p>	<p>Indonesia: Jawa Africa: Algeria, Burundi, Egypt, Kenya, Madagascar, Mauritius, Morocco, Mozambique, Rwanda, South Africa, Tanzania, Tunisia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Ecuador, Falkland Islands, Mexico, Panama, Peru, USA, Hawaii, Uruguay, Venezuela Asia: China, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan,</p>

	<p>Lagerh. <i>Tuburcinia scabies</i> Berk., 1846, <i>Tuburcinia scabies</i> f. <i>caespitosum</i> Berk.); Chromista, Cercozoa, Phytomyxea, Plasmodiophorida, Plasmodiophoridae; slimy rot, powdery scab, corky scab, corky scab: potato, powdery scab of potato, powdery scab: potato, tomato powdery scab</p>	<i>Ullucus tuberosus</i> (Ulluco)		<p>Lebanon, Nepal, Pakistan, Philippines, Sri Lanka, Taiwan, Turkey Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechoslovakia, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Macedonia, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand</p>
28.	<p>[sm]: <i>Sporisorium scitamineum</i> (Syd.) M. Piepenbr., M. Stoll & Oberw., 2002; (Syn. <i>Sphacelotheca miscanthi</i> W.Y. Yen, 1937, <i>Sporisorium mischanti</i> (W.Y. Yen) L. Guo, 1990, <i>Ustilago amadelpa</i> Syd., P. Syd. & E.J. Butler, 1912, <i>Ustilago amadelpa</i> var. <i>amadelpa</i> Syd., P. Syd. & E.J. Butler, 1912),</p>	<i>Saccharum officinarum</i> (tebu, sugarcane)	batang (stems), bunga (flowers, inflorescences, cones, calyx), daun (leaves), tunas (shoots)	<p>Indonesia: Jawa, Sulawesi (Sulawesi Selatan), Sumatera (Lampung) Africa: Burkina Faso, Cameroon, Chad, Congo, DR Congo, Egypt, Eswatini, Ethiopia, Ghana, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritius, Morocco, Mozambique, Niger, Nigeria, Réunion, Senegal, Somalia, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Barbados,</p>

	<p><i>Ustilago scitaminea</i> Syd., 1924, <i>Ustilago scitaminea</i> var. <i>sacchari-barberi</i> Mundk., 1940, <i>Ustilago scitaminea</i> var. <i>sacchari-officinarum</i> Mundk., 1940, <i>Ustilago scitaminea</i> var. <i>scitaminea</i> Syd., 1924);</p> <p>[a]: - Fungi, Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Ustilaginales, Ustilaginaceae; pecut api, sugarcane smut</p>			<p>Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, Panama, Paraguay, Puerto Rico, Portugal, Saint Kitts and Nevis, Suriname, Trinidad and Tobago, USA, Hawaii, Uruguay, Venezuela</p> <p>Asia: Afghanistan, Bangladesh, Cambodia, China, Georgia, India, Iran, Japan, Kazakhstan, Kyrgyzstan, Malaysia, Myanmar, Nepal, Oman, Pakistan, Philippines, Sri Lanka, Taiwan, Tajikistan, Thailand, Turkmenistan, Uzbekistan, Vietnam</p> <p>Europe: Armenia, Azerbaijan, Belarus, Latvia, Lithuania, Estonia, Moldova, Portugal, Ukraine, Russia</p> <p>Oceania: Australia, Fiji</p>
29.	<p>[s]: - [a]: <i>Stagonospora sacchari</i> T.T. Lo & L. Ling, 1950; Fungi, Ascomycota,</p>	<p><i>Imperata cylindrica</i> (cogon grass), <i>Miscanthus japonica</i>, <i>Miscanthus sinensis</i> (<i>eulalia</i>), <i>Rottboellia cochinchinensis</i> (itch grass), <i>Saccharum</i></p>	daun (leaves)	<p>Indonesia: Jawa, Sumatera (Lampung) Africa: South Africa America: Argentina, Panama, Venezuela</p>

	Pezizomycotina, Dothideomycetes, Pleosporales, Phaeosphaeriaceae; gosong daun tebu (sugarcane scorch), leaf scorch	<i>officinarum</i> (tebu, <i>sugarcane</i>), <i>Saccharum spontaneum</i> (wild sugarcane)		Asia: China, India, Japan, Philippines, Taiwan, Thailand, Vietnam Oceania: Papua Nugini
30.	[r]: <i>Uromycladium falcatariae</i> Doungsaard, McTaggart & R.G. Shivas (2014). Fungi, Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Pileolariaceae; wattle gall rust, gall rust disease, uromycladium rust	<i>Falcataria moluccana</i> (Syn. <i>Paraserianthes falcataria</i> , <i>Albizia falcataria</i>).	batang (stems), ranting (branches), bunga (inflorescences), benih (true seed), polong (pods) daun (phylodi, leaves)	Indonesia: Jawa (Jawa Barat, Jawa Tengah, Jawa Timur), Bali, Sumatera (Bengkulu, Jambi), Sulawesi, Maluku, Lombok, Flores Africa: South Africa Asia: Malaysia, Philippines Oceania: Australia, Papua Nugini, Tokelau

7. BAKTERI (*BACTERIA*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<i>Acidovorax citrulli</i> (Schaad <i>et al.</i> 1978) Schaad <i>et al.</i> 2009; (Syn. <i>Acidovorax avenae subsp. citrulli</i> (Schaad <i>et al.</i> 1978) Willems <i>et al.</i> 1992, <i>Pseudomonas avenae subsp. citrulli</i> (Schaad <i>et al.</i> 1978) Hu <i>et al.</i> 1991, <i>Pseudomonas pseudoalcaligenes subsp. citrulli</i> Schaad <i>et al.</i> 1978); busuk buah, bacterial fruit blotch, fruit rot	<i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrullus lanatus</i> var. <i>citroides</i> , <i>Cucumis melo</i> (melon), <i>Cucumis melo</i> , var. <i>inodorus</i> , <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Paliurus spina-christi</i> (Jerusalem thorn), <i>Piper betle</i> (sirih, betel), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine)	biji (true seed), buah (fruits), batang (stems), bibit (seedlings)	Indonesia: Jawa (Jawa Tengah, Jawa Timur, DIY) America: Brazil, Costa Rica, Mexico, Trinidad and Tobago, USA Asia: China, Republic of Korea (South Korea), Malaysia, Republic of Korea (South Korea), Taiwan, Thailand, Europe: Greece, Hungary, North Macedonia, Russia, Oceania: Australia, Guam, Northern Mariana Island
2.	<i>Clavibacter michiganensis</i> (Smith 1910, Davis <i>et al.</i> 1984, Li <i>et al.</i> 2018); (Syn. <i>Aplanobacter</i>	<i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum dauglasii</i> (greenspot nightshade), <i>Solanum nigrum</i>	akar (roots), batang (stems, (above ground), bunga (flowers), buah (fruits)	Indonesia: Jawa (Jawa Barat, DIY), Kalimantan (Kalimantan Timur, Kalimantan Utara), Sumatera (Sumatera Barat,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>michiganensis</i> (Smith) Smith 1914), <i>Bacterium michiganense</i> Smith 1910, <i>Corynebacterium michiganense</i> (Smith 1910) Jensen 1934, <i>Corynebacterium michiganense</i> pv. <i>michiganense</i> (Smith) Dye and Kemp 1977, <i>Corynebacterium michiganense</i> subsp. <i>michiganense</i> (Smith) Carlson and Vivader 1982, <i>Erwinia michiganensis</i> (Smith) Jensen 1934, <i>Mycobacterium michiganense</i> (Smith) Krasil'nikov 1941, <i>Phytomonas michiganensis</i> (Smith) Bergey <i>et al.</i> 1923, <i>Pseudomonas michiganense</i> (Smith) Stevens 1913, <i>Pseudomonas michiganensis</i></p>	<p>(lenca, ranti, black nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Solanum pectinatum</i>, <i>Solanum quitoense</i>, <i>Solanum trifolium</i></p>	<p>inc. pods), biji (true seed), daun (leaves), media tanam (growing media a ccompanying plants), bibit (seedlings)</p>	<p>Sumatera Selatan) Africa: Egypt, Kenya, Madagascar, Morocco, South Africa, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe America: Argentina, Belize, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, Grenada, Guadeloupe, Mexico, Panama, Peru, USA, Uruguay Asia: Armenia, Azerbaijan, China, Georgia, India, Iran, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Pakistan, Republic of Korea (South Korea), Syria, Turkey, Europe: Belarus, Belgium, Bulgaria, Cyprus, Czechia, France, Germany, Greece, Hungary, Italy, Latvia, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	(Smith) Stevens), <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Smith 1910) Davis <i>et al.</i> 1984; bacterial canker of tomato, bird's eye spot, vascular tomato wilt, bacterialwilt			Switzerland, Ukraine Oceania: Australia, Fiji, Guam, New Caledonia, New Zealand, Tonga
3.	<i>Dickeya fangzhongdai</i> Tian <i>et al.</i> , 2016	<i>Allium cepa</i> (bawang bombai, onion), <i>Artocarpus heterophyllus</i> (nangka, jackfruit), <i>Pyrus pyrifolia</i>	material tanaman (plant material), benih (seeds), media tanam (growing media a ccompanying plants)	Indonesia: Sumatera (Lampung), Jawa Asia: China, Malaysia, Republic of Korea (South Korea), Taiwan America: USA
4.	<i>Dickeya zae</i> Samson <i>et al.</i> 2005; (Syn. <i>Bacterium carotovorum</i> f.sp. <i>zae</i> Sabet 1954, <i>Erwinia carotovora</i> f.sp. <i>zae</i> Sabet 1954, <i>Erwinia chrysanthemi</i> corn pathotype Dye 1969, <i>Erwinia chrysanthemy biovar. 8</i> , <i>Erwinia chrysanthemi</i> pv. <i>zae</i> (Sabet 1954) Victoria <i>et</i>	<i>Aechema fasciata</i> , <i>Allium cepa</i> (bawang bombai, onion), <i>Allium fistulosum</i> (welsh onion), <i>Ananas comosus</i> (nanas, pineapple), <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit, beetroot), <i>Brassica campestris</i> var. <i>rapa</i> (sawi, turnip), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, <i>cabbage</i>), <i>Canna indica</i> (canna lilly), <i>Capsicum</i> spp. (peppers),	Akar (roots), batang (stems), bibit (seedlings), buah (fruits), bunga (flowers), daun (leaves),	Indonesia: Jawa (Jawa Timur), Kalimantan (Kalimantan Barat), Lombok, Sulawesi (Sulawesi Barat), Sumatera (Lampung) Africa: Comoros, Egypt, Mauritius, Réunion, South Africa, Sudan, Zimbabwe America: Brazil, Colombia, Costa Rica, Cuba, Guyana, Honduras, Jamaica, Mexico, Panama, Puerto Rico, USA Asia: China, DPR Korea (North

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<p><i>al.1975, Erwinia maydis</i> Kelman <i>et al.</i> 1957, <i>Pectobacterium carotovorum</i> f.sp <i>zeae</i> (Sabet) Dowson 1957, <i>Pectobacterium carotovorum</i> var. <i>graminarum</i> Dowson and Hayward 1960, <i>Pectobacterium chrysanthemi</i> pv. <i>zeae</i> Kelman 1974); bacterial stalk rot of maize, bacterial wilt and soft rot of pineapple, stalk rot of maize</p>	<p><i>Carica papaya</i> (papaya, papaya), <i>Chrysanthemum morifolium</i> (krisan, chrysanthemum), <i>Colocasia esculenta</i> (talas, taro), <i>Cyclamen</i> spp., <i>Daucus carota</i> (wortel, carrot), <i>Dracaena marginata</i>, <i>Euphorbia pulcherrima</i> (poinsettia), <i>Hyacinthus orientalis</i> (hyacinth), <i>Imperata cylindrica</i> (alang-alang, cogon grass), <i>Ipomea batatas</i> (ubi jalar, sweet potato), <i>Megathyrsus maximus</i> (Rumput benggala, Guinea grass), <i>Musa</i> spp. (pisang, banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Paspalum</i> spp., <i>Pennisetum glaucum</i> (pearl millet), <i>Penissetum purpureum</i> (rumput gajah, elephant</p>		<p>Korea), India, Iran, Japan, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Turkiye Europe: France, Germany, Greece, Italy, Netherlands, Portugal, Russia, Spain, Switzerland, United Kingdom Oceania: Australia, Cook Islands, New Zealand</p>

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		grass), <i>Petunia</i> hybrids, <i>Phalaenopsis</i> spp. (anggrek bulan, moth orchid), <i>Philodendron</i> spp., <i>Raphanus sativus</i> (lobak, radish), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saintpaulia ionantha</i> (African violet), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum drummondii</i> (Sudan grass), <i>Urochloa mutica</i> (para grass), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (jagung manis, sweet corn)		
5.	<i>Leifsonia xyli</i> subsp. <i>xyli</i> (Davis et al. 1984) (Evtushenko et al. 2000); (Syn. <i>Clavibacter xyli</i> Davis et al. 1984), <i>Clavibacter xyli</i>	<i>Saccharum</i> spp., <i>Saccharum officinarum</i> (tebu, sugarcane)	akar (roots), batang (stems), bibit (seedlings), bunga (inflorescences), daun (leaves), mata tunas	Indonesia: Jawa, Sumbawa, Sumba, Sulawesi (Gorontalo), Sumatera (Lampung) Africa: Burkina Faso, Cameroon, Comoros, Republic of Congo,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	<i>subsp. xyli</i> Davis <i>et al.</i> 1984); ratoon stunting of sugarcane, sugarcane ratoon stunting disease		(buds), stek (cuttings)	Djibouti, DR Congo, Egypt, Eswatini, Ethiopia, Kenya, Madagascar, Malawi, Mali, Mauritius, Mozambique, Nigeria, Réunion, Seychelles, Somalia, South Africa, Sudan, Tanzania, Uganda, Zimbabwe America: Antigua and Barbuda, Argentina, Barbuda, Barbados, Belize, Bolivia, Brazil, Colombia, Cuba, Dominican Republic, El Salvador, French Guiana, Guadeloupe, Guyana, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Saint Kitts and Nevis, Trinidad and Tobago, Uruguay, USA, Venezuela Asia: Bangladesh, China, India, Iran, Japan, Malaysia, Myanmar, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand Europe: Spain Oceania: Australia, Fiji
6.	<i>Pantoea ananatis</i> (Serrano,	<i>Allium cepa</i> (bawang bombay,	bibit (seedlings), buah	Indonesia: Jawa (Jawa Tengah),

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	1928), Mergaert, 1993; (Syn. <i>Bacillus ananas</i> Serrano 1928, <i>Bacterium ananas</i> (Serrano) Burgvits 1935, <i>Chromobacterium ananas</i> (Serrano) Krasil'nikov 1949, <i>Erwinia ananatis</i> pv. <i>uredovora</i> (Pon et al. 1954) Dye 1978, <i>Erwinia ananatis</i> Corrig. Serrano 1928, <i>Erwinia herbicola</i> var. <i>ananas</i> (Serrano) Dye 1969, <i>Erwinia urediniolytica</i> Borders 1938, <i>Erwinia uredovora</i> Pon et al. 1954, <i>Pantoea ananas</i> pv. <i>ananas</i> (Serrano 1928) Mergaert et al. 1993, <i>Pantoea ananas</i> pv. <i>uredovora</i> (Pon et al. 1954) comb.nov., <i>Pantoea ananatis</i> pv. <i>ananatis</i> (Serrano, 1928) Mergaert et al. 1993, <i>Pantoea ananatis</i> pv.	onion), <i>Ananas comosus</i> (nanas, pineapple), <i>Cucumis melo</i> (melon, muskmelon), <i>Digitaria insularis</i> , <i>Digitaria setigera</i> , <i>Eucalyptus grandis</i> (ekaliptus, saligna gum), <i>Eucalyptus nitens</i> (shining gum), <i>Fragraria ananassa</i> (stroberi, strawberry), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Prunus persica</i> (persik, peach), <i>Punica granatum</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum sudanense</i> (Sudan grass), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i> (jahe, ginger)	(fruits), batang (stems), daun (leaves), tanaman hasil mikropropagasi (planlet) (micropropagated plants), tunas (buds, shoots)	Sulawesi (Sulawesi Barat, Sulawesi Selatan), Sumatera (Barat), Africa: Benin, Burkina Faso, Egypt, South Africa, Togo, America: Argentina, Brazil, Canada, Chile, Ecuador, Mexico, USA, Uruguay, Venezuela Asia: China, India, Japan, Malaysia, Philippines, Republic of Korea (South Korea), Thailand, Turkey Europe: Austria, Belgium, Italy, Poland, Russia, Spain Oceania: Australia

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	<p><i>uredovora</i> (Pon <i>et al.</i>, 1954) Mergaert <i>et al.</i> 1993, <i>Pectobacterium ananas</i> (Serrano) Patel and Kulkarni 1951, <i>Pectobacterium ananatis</i> pv. <i>ananatis</i>, <i>Xanthomonas uredovora</i>); fruitlet rot of pineapple, brown rot of pineapple, marbling disease (of pineapple fruit), pink disease of pineapple</p>			
7.	<p><i>Pantoea stewartii</i> subsp. <i>stewartii</i> (Smith 1898) Mergaert <i>et al.</i> 1993; (Syn. <i>Aplanobacter stewartii</i> (Smith) McCulloch 1918, <i>Bacillus stewartii</i> (Smith) Holland 1920, <i>Bacterium stewartii</i> (Smith 1898) Smith 1905, <i>Erwinia stewartii</i> (Smith 1898) Dye 1963, <i>Pantoea stewartii</i> subsp. <i>stewartii</i> (Smith 1898)</p>	<p><i>Agrostis gigantea</i> (black bent), <i>Artocarpus heterophyllus</i> (nangka, jack fruit), <i>Dactylis glomerata</i>, <i>Digitaria</i> spp. <i>Dracaena sanderiana</i>, <i>Oryza sativa</i> (padi, rice), <i>Panicum capillare</i>, <i>Panicum dichotomiflorum</i>, Poaceae (Gramineae), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Setaria lutescens</i>, <i>Sorghum sudanense</i> (Sudan grass),</p>	<p>akar (roots), batang (stems), biji (true seed), bunga (inflorescences), daun (leaves)</p> <p>Vektor: <i>Chaetocnema pulicaria</i>, <i>Agrotis manchus</i>, <i>Chaetocnema denticulata</i>,</p>	<p>Indonesia: Jawa, Lombok, Papua (Papua Barat), Sulawesi, Sumatera Africa: Benin, Togo America: Argentina, Bolivia, Canada, Costa Rica, Guyana, Puerto Rico, Peru, USA Asia: China, India, Jordan, Malaysia, Philippines, Thailand, Vietnam Europe: Italy, Russia, Slovenia, Ukraine</p>

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	Mergaert <i>et al.</i> 1993, <i>Phytomonas stewartii</i> (Smith) Bergey <i>et al.</i> 1923, <i>Pseudobacterium stewartii</i> (Smith) Krasilnikov 1949, <i>Pseudomonas stewartii</i> Smith 1898, <i>Xanthomonas stewartii</i> (Smith) Dowson 1939); bacterial blight of maize, bacterial wilt of maize, maize bacteriosis, Stewart's wilt	<i>Tripsacum dactyloides</i> (eastern gamagrass), <i>Triticum aestivum</i> (gandum, wheat), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (sweetcorn), <i>Zea mexicana</i> (teosinte), <i>Zea mays</i> subsp. <i>parviglumis</i>	<i>Diabrotica nigricornis</i> , <i>Diabrotica undecimpunctata</i> , <i>Diabrotica versifera</i> , <i>Hylemya cilicrura</i>	
8.	<i>Pseudomonas cichorii</i> (Swingle 1925) Stapp. 1928; (Syn. <i>Bacterium cichorii</i> (Swinge) Elliott 1930, <i>Bacterium endiviae</i> Kotte 1930, <i>Bacterium formosanum</i> Okabe 1935, <i>Chlorobacter cichorii</i> Swingle 1925, <i>Phytomonas endiviae</i> Kotte) Clara 1934,	<i>Abelmoschus esculentus</i> (okra, achra), <i>Agaricus</i> spp., <i>Allium sativum</i> (bawang putih, garlic), <i>Apium graveolens</i> (seledri, celery), <i>Arracacia xanthorrhiza</i> (arracacha), <i>Barleria cristata</i> (Philippine violet), <i>Borago officinalis</i> (Borage), <i>Brassica napus</i> var. <i>napus</i> (rape),	Akar (roots), batang (stems), bibit (seedlings), daun (leaves), buah (fruits), bunga (flowers), organ vegetatif (vegetative material), tunas (buds, shoots)	Indonesia: Jawa (Jawa Barat) Africa: Burundi, Egypt, South Africa, Tanzania America: Argentina, Barbados, Brazil, Canada, Chile, Columbia, Cuba, Mexico, Puerto Rico, USA Asia: China, India, Iran, Japan, Pakistan, Republic of Korea (South Korea), Taiwan, Turkey Europe: Belgium, Bulgaria,

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	<p><i>Pseudomonas endiviae</i> Kotte 1930, <i>Pseudomonas formosanum</i> (Okabe) Krasil'nikov 1949, <i>Pseudomonas papaveris</i> (Takimoto) Okabe and Goto 1955); bacterial leaf blight, bacterial blight of endive, bacterial leaf spot, midrib rot, leaf spot and blighting</p>	<p><i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica rapa</i> subsp. <i>chinensis</i> (Chinese cabbage), <i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Brassica rapa</i> subsp. <i>pekinensis</i> (pe-tsai), <i>Calendula officinalis</i> (pot marigold), <i>Camellia</i> spp., <i>Capsicum</i> spp. (peppers), <i>Capsicum annuum</i> (paprika, cabai, bell pepper), <i>Carthamus tinctorius</i> (kesumba, safflower), <i>Centaurea cyanus</i> (cornflower), <i>Chrysanthemum</i> (daisy), <i>Chrysanthemum coronarium</i> (garland chrysanthemum), <i>Chrysanthemum morifolium</i> (chrysanthemum (florists)), <i>Chrysanthemum vestitum</i>,</p>		<p>France, Germany, Greece, Italy, Portugal, Russia, Serbia, Spain, Ukraine, United Kingdom Oceania: Australia, New Caledonia, New Zealand</p>

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		<p><i>Cichorium endivia</i> (endives), <i>Cichorium endivia</i> subsp. <i>endivia</i> (endives), <i>Cichorium endivia</i> var. <i>crispum</i> (winter endive), <i>Cichorium intybus</i> (chicory), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Coffea arabica</i> (arabica coffee), <i>Coreopsis lanceolata</i>, <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini) <i>Cyclamen</i> spp., <i>Dahlia</i> spp., <i>Daucus carota</i> (wortel, carrot), <i>Duranta erecta</i> (sinyo nakal, golden dewdrop), <i>Ficus lyrata</i> (fiddle-leaf fig), Gerbera (Barbeton daisy), <i>Gerbera jamesonii</i> (African daisy), <i>Glycine max</i> (kedelai, soyabean), <i>Hedera helix</i> (English ivy), <i>Helianthus</i> (bunga matahari, sunflower),</p>		

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		<p><i>Hibiscus rosa-sinensis</i> (China-rose), <i>Hydrangea</i> (hydrangeas), <i>Lactuca sativa</i> (selada, lettuce), <i>Luffa aegyptiaca</i> (loofah), <i>Magnolia grandiflora</i> (Southern magnolia), <i>Malus domestica</i> (apel, apple), <i>Mentha arvensis</i> (corn mint), <i>Monstera deliciosa</i> (ceriman), <i>Musa</i> sp. (pisang, banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (kemangi, basil), <i>Panax ginseng</i> (Asiatic ginseng), <i>Papaver nudicaule</i> (Iceland poppy), <i>Papaver orientale</i> (Oriental poppy), <i>Pernettya mucronata</i> (prickly heath), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pelargonium</i> sp. (pelargoniums), <i>Pernettya mucronata</i> (priccky health), <i>Phaseolus vulgaris</i> (buncis,</p>		

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		common bean), <i>Phlox aniculata</i> (summer perennial flox), <i>Plumeria pudica</i> (bridal bouquet), Potentilla (Cinquefoil), <i>Primula polyantha</i> , <i>Prunus persica</i> (persik, peach), <i>Pyracantha</i> (Firethorn), <i>Pyrus communis</i> (pir, pear), <i>Ranunculus acris</i> (meadow buttercup), <i>Rhododendron catawbiense</i> , <i>Scindapsus</i> spp., <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Spathiphyllum</i> , <i>Stevia rebaudiana</i> , <i>Triticum aestivum</i> (gandum, wheat), <i>Viburnum</i> spp., <i>Vigna angularis</i> (adzuki bean), <i>Xanthosoma brasiliense</i> (Tahitian spinach)		
9.	<i>Pseudomonas amygdali</i> pv. <i>lachrymans</i> (Smith and	<i>Benincasa hispida</i> (bligo, wax gourd), <i>Citrullus lanatus</i>	batang (stems), biji (true seed), bibit	Indonesia: Jawa (Jawa Barat, Jawa Tengah, Banten),

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	Bryan) Young Dye and Wilkie <i>et al.</i> 1978; (Syn. <i>Bacillus lachrymans</i> (Smith and Bryan) Holland 1920, <i>Bacterium burgeri</i> (Potebnya) Burgvits 1935, <i>Bacterium lachrimans</i> Smith and Bryan 1915, <i>Chlorobacter lachrymans</i> (Smith and Bryan) Patel and Kulkarni 1951, <i>Phytomonas lachrymans</i> (Smith and Bryan) Bergey <i>et al.</i> 1923, <i>Pseudomonas burger</i> (Potebnya) Korobko and Nikiforuk 1972, <i>Pseudomonas lachrymans</i> (Smith and Bryan) carsner 1918, <i>Pseudomonas lachrymans f.sp.cucumis</i> Gorlenco 1961); angular leaf spot of cucumber, bacterial spot of cucurbit, curcubit angular	(semangka, watermelon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucumis anguria</i> (West Indian gherkin), <i>Cucumis melo</i> (melon, muskmelon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cucurbitaceae</i> , <i>Luffa acutangula</i> (gambas, angled luffa), <i>Sechium edule</i> , <i>Solanum melongena</i> (terung, eggplant, aubergine)	(seedlings), buah (fruits), daun (leaves), kulit (bark), planlet	Sumatera (Sumatera Selatan) Africa: Algeria, Egypt, Gabon, Kenya, South Africa, Zimbabwe America: Argentina, Brazil, Canada, Colombia, Guadeloupe, Martinique, Mexico, Nicaragua, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: China, DPR Korea (North Korea), India, Iran, Israel, Japan, Jordan, Kazakhstan, Lao PDR (Laos), Philippines, Republic of Korea (South Korea), Tajikistan, Thailand, Turkey, Uzbekistan Europe: Austria, Belarus, Bulgaria, Czechia, Denmark, France, Germany, Greece, Hungary, Italy, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Switzerland, Ukraine, UK

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	leaf spot			Oceania: Australia, New Zealand
10.	<i>Pseudomonas syringae</i> pv. <i>mori</i> (Boyer and Lambert 1893) Young et al. 1978; (Syn. <i>Bacillus mori</i> (Boyer and Lambert) Holland 1920, <i>Bacterium mori</i> Boyer and Lambert 1893, <i>Chlorobacter mori</i> (Boyer and Lambert) Patel and Kulkarni 1951, <i>Phytomonas mori</i> (Boyer and Lambert) Stevens 1913, <i>Pseudomonas mori</i> pv. <i>huszi</i> Klement, Lovrekovich and Hevesi 1960); bacterial blight, mulberry blight bacterial, mulberry leaf spot	<i>Cannabis sativa</i> (hemp), <i>Morus alba</i> (murbei, mulberry), <i>Morus bombycis</i> (Japanese mulberry), <i>Morus nigra</i> (black mulberry), <i>Morus rubra</i> (red mulberry tree), <i>Phaseolus lunatus</i> (lima bean)	batang (stems), biji (true seed), daun (leaves)	Indonesia: Jawa Africa: South Africa, Tanzania, Uganda, Zimbabwe America: Brazil, Canada, USA Asia: China, DPR Korea (North Korea), Georgia, Hong Kong, India, Iran, Japan, Kazakhstan, Kyrgyzstan, Pakistan, Republic of Korea (South Korea), Tajikistan, Turkey Europe: Bulgaria, France, Germany, Hungary, Italy, Romania, Serbia, United Kingdom Oceania: Australia, New Zealand
11.	<i>Pseudomonas syringae</i> pv. <i>syringae</i> van Hall 1902; (Syn. <i>Bacillus cerasi</i> (Griffin) Holland 1920, <i>Bacillus gummis</i> (Comes) Trevisan 1889, <i>Bacillus matthiolae</i>	<i>Aconitum</i> spp., <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Actinida chinensis</i> , <i>Actinidia deliciosa</i> (kiwi, kiwi fruit), <i>Vernicia fordii</i> , <i>Allium cepa</i> (bawang bombai, onion),	akar (roots), batang (stems), biji (true seed), bunga (inflorescence), buah (fruits), daun (leaves), media tanam (growing	Indonesia: Jawa Africa: Algeria, Egypt, Ethiopia, Kenya, Lesotho, Malawi, Morocco, Nigeria, South Africa, Tanzania, Tunisia, Uganda, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME)	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	(Briosi and Pavarino) Stapp 1928, <i>Bacillus spongiosus</i> Aderhold and Ruhland 1905, <i>Bacterium cerasi</i> (Griffin) Elliot 1930, <i>Bacterium cerasi</i> var. <i>prunicola</i> , <i>Bacterium citrarefasciens</i> Lee 1917, <i>Bacterium citriputeale</i> C.O. Smith 1913, <i>Bacterium gummis</i> Comes 1884, <i>Bacterium hibisci</i> Nakada and Takimoto 1923, <i>Bacterium holci</i> Kendrick 1926, <i>Macterium matthiolae</i> Briosi and Pavarino 1912, <i>Bacterium nectarophilum</i> Doidge 1917, <i>Bacterium prunicola</i> (Wormald) Burgvitz 1935, <i>Bacterium rimaefasciens</i> (Koning) Dowson); bacterial canker or blast (stone and pome fruits), bacterial brown spot (beans),	<i>Allium chinense</i> (spring onion), <i>Allium fistulosum</i> (Welsh onion), <i>Allium porrum</i> (leek), <i>Alnus glutinosa</i> , <i>Aralia</i> spp., <i>Arbutus</i> spp., <i>Atriplex hortensis</i> , <i>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Betula pendula</i> , <i>Brassica rapa</i> subsp. <i>pekinensis</i> (sawi putih, Chinese cabbage), <i>Calystegia sepium</i> (great bindweed), <i>Capsicum annuum</i> (bell pepper), <i>Carthamus tinctorius</i> (Kesumba, Saffalower), <i>Centaurea maculosa</i> (spotted knapweed), <i>Chenopodium quinoa</i> (quinoa), <i>Chrysanthemum indicum</i> (krisan, chrysant), <i>Cinnamomum camphora</i> (kayu kamper, camphor tree), <i>Citrus lunatus</i> (semangka, watermelon), <i>Citrus</i>	media), kayu (wood), kulit kayu (bark)	America: Argentina, Barbados, Brazil, Canada, Chile, El Salvador, Guatemala, Honduras, Mexico, Panama, Puerto Rico, USA, Uruguay, Venezuela Asia: Afganistan, Bangladesh, China, DPR Korea (North Korea), Georgia, India, Iraq, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Pakistan, Republic of Korea (South Korea), Sri Lanka, Thailand, Turkey, Uzbekistan, Vietnam Europe: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Moldova, Montenegro, North Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United

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	apoplexy of apricots, bacterial black spot, bacterial eye spot, bacterial spot, bacterial sheath rot, blast of <i>Citrus</i> , blister spot of apple, peach-tree short-life, pear blossom blight	<i>aurantium</i> (jeruk, sour orange), <i>Citrus limon</i> (lemon), <i>Citrus maxima</i> (pumelo), <i>Citrus medica</i> (citron), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Citrus x paradisi</i> , <i>Coffea arabica</i> , <i>Coryllus solurna</i> , <i>Cucumis melo</i> (melon, melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita</i> , <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cucurbita pepo</i> (marrow), <i>Cyamopsis tetragonoloba</i> (guar), <i>Cydonia oblonga</i> (quince), <i>Cyphomandra betacea</i> (terung belanda, tamarillo, tree tomato), <i>Dahlia pinnata</i> (dahlia), <i>Daphne odora</i> , <i>Desmodium</i> spp., <i>Diospyros kaki</i> (kesemek, persimmon), <i>Echinochloa crusgalli</i> , <i>Erysimum cheiri</i> ,		Kingdom Oceania: Australia, New Zealand

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		<p><i>Forsythia intermedia</i>, <i>Fortunella</i> spp., <i>Fragaria vesca</i>, <i>Glycine max</i> (kedelai, soyabean), <i>Hibiscus</i> spp., <i>Hibiscus rosasinensis</i> (bunga sepatu, rosemallows), <i>Hordeum vulgare</i> (barli, barley), <i>Impatiens balsamina</i> (pacar air, garden balsam), <i>Juglans regia</i>, <i>Lactuca sativa</i> (selada, lettuce), <i>Lablab purpureus</i>, <i>Ligustrum ovalifolium</i>, <i>Magnolia</i> spp., <i>Magnolia grandiflora</i>, <i>Malus domestica</i> (apel, apple), <i>Mangifera indica</i> (mangga, mango), <i>Matthiola incana</i>, <i>Medicago sativa</i> (alfalfa, lucerne), <i>Miscanthus sinensis</i>, <i>Mucuna pruriens</i> (velvet bean), <i>Musa paradisiaca</i> (pisang kepok, plantain), <i>Nerium oleander</i>, <i>Nicotiana tabacum</i></p>		

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		(tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panax ginseng</i> (Asiatic ginseng), <i>Panicum</i> spp., <i>Panicum miliaceum</i> , <i>Passiflora edulis</i> (markisa, passionfruit), <i>Pennisetum glaucum</i> (pearl millet), <i>Pennisetum purpureum</i> (elephant grass), <i>Persea americana</i> (alpukat, avocado), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (common bean), <i>Philadelphus</i> spp., <i>Pinus radiata</i> (radiata pine), <i>Piper nigrum</i> (lada, blackpepper), <i>Pisum sativum</i> (kapri, sweet pea), <i>Populus</i> spp., <i>Populus balsamifera</i> (balm of Gilead), <i>Populus nigra</i> (black poplar), <i>Populus tremula</i> (aspen), <i>Prunus amygdalus</i> , <i>Prunus armeniaca</i> (aprikot, apricot),		

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		<p><i>Prunus avium</i> (ceri manis, sweet cherry), <i>Prunus cerasifera</i>, <i>Prunus cerasus</i>, <i>Prunus domestica</i>, <i>Prunus laurocerasus</i>, <i>Prunus mume</i>, <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese plum), <i>Prunus serrulata</i> (Japanese flowering cherry), <i>Punica granatum</i>, <i>Pyrus communis</i> (pir, European pear), <i>Quercus agrifolia</i> (California live oak), <i>Quercus wislizenii</i> (interior live oak), <i>Rhododendron</i> spp., <i>Rosa</i> spp. (mawar, rose), <i>Rubus ursinus</i>, <i>Salix</i> spp., <i>Solanum lycopersicum</i> (tomat, tomato), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (Sudan grass), <i>Syringa vulgaris</i> (lilac), <i>Trifolium alexandrium</i></p>		

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		(berseem clover), <i>Trifolium dubium</i> (yellow sucking clover), <i>Trifolium hybridum</i> (alsike clover), <i>Trifolium incarnatum</i> (crimson clover), <i>Trifolium pratense</i> (red clover), <i>Trifolium repens</i> (white clover), <i>Trigonella foenum-graecum</i> (fenugreek), <i>Triticum aestivum</i> (gandum, wheat), <i>Vaccinium</i> spp., <i>Vernicia fordii</i> (tung-oil tree), <i>Vicia faba</i> (kacang babi, broad bean), <i>Vicia sativa</i> (common vetch), <i>Vicia villosa</i> (hairy vetch), <i>Vigna angularis</i> (adzuki bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize)		
12.	<i>Pseudomonas viridiflava</i> (Burkholder 1930) Dowson 1939;	<i>Actinidia chinensis</i> (Chinese gooseberry), <i>Actinidia deliciosa</i> (kiwi, kiwifruit),	akar (roots), batang (stems), bibit (seedlings), biji (true	Indonesia: Jawa (Jawa Barat, Jawa Timur) Africa: Algeria, Egypt, Kenya,

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	(Syn. <i>Bacterium viridiflavum</i> (burkholder) Burgvits 1935, <i>Chlorobacter viridiflavus</i> (Burkholder) Patel and Kulkarni 1951, <i>Phytomonas viridiflava</i> Burkholder 1930; bacterial blight of tomato; Hydrangea bud blight; bacterial necrosis of basil; bacterial rot of lettuce; bacterial rot of Chinese cabbage; bacterial soft rot of tomato; bacterial blossom blight of kiwi	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium fistulosum</i> (bawang daun, welsh onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Anethum graveolens</i> (dill), <i>Apium graveolens</i> (seledri, celery), <i>Apium graveolens</i> var. <i>dulce</i> (seledri, celery), <i>Arabidopsis thaliana</i> (the thale cress), <i>Brassica</i> spp., <i>Brassica napus</i> var. <i>napus</i> (rape), <i>Brassica oleracea</i> var. <i>botrytis</i> (bunga kol, cauliflower), <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Brassica oleracea</i> var. <i>gemmifera</i> (brussels sprout), <i>Brassica rapa</i> subsp. <i>chinensis</i> (Chinese cabbage), <i>Brassica rapa</i> subsp. <i>pekinensis</i> , <i>Calendula officinalis</i> (pot marigold), <i>Capsicum annuum</i> (paprika, cabai, bell pepper), <i>Capsicum</i>	seed), daun (leaves), buah (fruits), bunga (flowers), tanaman hasil mikropropagasi (micropropagated plants), kayu (wood), kulit kayu (bark)	Morocco, Tanzania, Uganda America: Argentina, Brazil, Mexico, Uruguay, USA, Venezuela Asia: China, Iran, Japan, Jordan, Nepal, Republic of Korea (South Korea), Saudi Arabia, Turkey Europe: Belgium, Bulgaria, Czechia, France, Germany, Greece, Hungary, Italy, Netherlands, North Macedonia, Poland, Portugal, Russia, Serbia, Slovakia, Spain, Switzerland, United Kingdom Oceania: Australia, New Zealand

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>frutescens</i> (cabai rawit, chili), <i>Carthamus tinctorius</i> (safflower), <i>Chrysanthemum indicum</i> (chrysanthemum), <i>Cichorium endivia</i> (endives), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Citrus aurantium</i> (jeruk, sour orange), <i>Citrus macrophylla</i> (alemow), <i>Citrus sinensis</i> (jeruk manis, sweet orange), <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Cryptotaenia canadensis</i> (honestwort), <i>Cucumis melo</i> (melon, muskmelon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cuphea hyssopifolia</i> (false heather), <i>Cyclamen persicum</i> (cyclamens), <i>Cynara cardunculus</i> var. <i>scolymus</i>		

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		(globe artichoke), <i>Eschscholzia California</i> (California poppy), <i>Euphorbia pulcherrima</i> (poinsettia), <i>Eutrema wasabi</i> (wasabi), <i>Forsythia suspensa</i> (weeping forsythia), <i>Glycine max</i> (kedelai, soyabean), <i>Hydrangea</i> spp. (hydrangeas), <i>Lablab purpureus</i> (kacang komak, hyacinth bean), <i>Lotus corniculatus</i> (bird's foot trefoil), <i>Lupinus angustifolius</i> (narrow-leaf lupin), <i>Malus domestica</i> (apel, apple), <i>Malvaviscus arboreus</i> (wax mallow), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Nicotiana rustica</i> (wild tobacco), <i>Ocimum basilicum</i> (kemangi, basil), <i>Papaver</i> (poppies), <i>Papaver nudicaule</i> (Iceland poppy), <i>Passiflora edulis</i> (markisa, passionfruit),		

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		<p><i>Pastinaca sativa</i> (parsnip), <i>Petroselinum crispum</i> (peterseli, parsley), <i>Petunia</i> <i>hybrida</i>, <i>Phaseolus coccineus</i> (kacang kratok, runner bean), <i>Phaseolus lunatus</i> (kacang koro, lima bean), <i>Phaseolus</i> <i>vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (kacang polong, pea), <i>Prunus</i> <i>armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (sweet cherry), <i>Prunus persica</i>, <i>Pseudopanax</i> (false ginseng), <i>Pyrus</i> <i>communis</i> (European pear), <i>Ranunculus asiaticus</i> (garden crowfoot), <i>Raphanus</i> <i>raphanistrum</i> (wild radish), <i>Raphanus sativus</i> (lobak, radish), <i>Rosa</i> spp. (mawar, roses), <i>Saposhnikovia</i> <i>divaricata</i>, <i>Solanum</i> <i>lycopersicum</i> (tomat, tomato), <i>Sonchus asper</i> (spiny sow-</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		thistle), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum sudanense</i> (Sudan grass), <i>Tanacetum coccineum</i> (common pyrethrum), <i>Taraxacum officinale</i> complex (dandelion), <i>Trifolium pratense</i> (purple clover), <i>Tropaeolum majus</i> (common nasturtium), <i>Vaccinium corymbosum</i> (blueberry), <i>Vicia faba</i> (broad bean), <i>Vigna angularis</i> (adzuki bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Viola</i> spp. (violet), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, maize, corn), <i>Zinnia elegans</i> (zinnia)		
13.	<i>Ralstonia syzygii</i> subsp. <i>syzygii</i> ; (Syn. <i>Ralstonia syzygii</i> , <i>Pseudomonas syzygii</i>); Sumatera disease of clove,	<i>Syzygium aromaticum</i> (cengkeh, clove)	akar (roots), batang (stems), bibit (seedlings), daun (leaves), kay (wood)	Indonesia: Bali, Jawa, Kalimantan (Kalimantan Selatan), Maluku, Sulawesi, Sumatera (Lampung) Asia: China, India, Japan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONYM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	bacterial wilt of potato		Vektor: Hemiptera, Machaerotidae: <i>Hindola fulva</i> , <i>Hindola striata</i>	Malaysia, Philippines, Republic of Korea (South Korea), Oceania: Papua Nugini
14.	<i>Xanthomonas citri</i> subsp. <i>citri</i> (Gabriel <i>et al.</i> 1989) Schaad <i>et al.</i> 2007; (Syn. <i>Bacillus citri</i> (Hasse) Holland 1920, <i>Xanthomonas axonopodis</i> pv. <i>aurantifolii</i> Vauterin <i>et al.</i> 1995, <i>Xanthomonas axonopodis</i> pv. <i>citri</i> (ex. Hasse 1915) Vauterin <i>et al.</i> 1995, <i>Xanthomonas campestris</i> pv. <i>aurantifolii</i> Gabriel <i>et al.</i> , 1989, <i>Xanthomonas campestris</i> pv. <i>citri</i> (Hasse 1915) Dye 1978, <i>Xanthomonas citri</i> f.sp. <i>aurantifoliae</i> Namekata & Oliveira 1972), <i>Xanthomonas fuscans</i> ssp. <i>aurantifolii</i> Schaad <i>et al.</i>	<i>Aegle marmelos</i> (maja, golden apple), <i>Ageratum conyzoides</i> (babandotan, billy goat weed), <i>Atlantis buxifolia</i> , <i>Casimiroa edulis</i> (white sapote), <i>Citropsis daweana</i> , <i>Citrus aurantifolia</i> (jeruk limau, lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus australasica</i> , <i>Citrus depressa</i> , <i>Citrus glauca</i> , <i>Citrus hirticaulis</i> (Mauritius bitter orange), <i>Citrus inodora</i> , <i>Citrus junos</i> (yuzu), <i>Citrus latifolia</i> (Tahiti lime), <i>Citrus limetta</i> (sweet lemon tree), <i>Citrus limon</i> (lemon), <i>Citrus madurensis</i> (calamondin), <i>Citrus maxima</i> (pummelo), <i>Citrus medica</i> (citron), <i>Citrus natsudaidai</i>	Batang (stems), buah (fruits), bunga (flowers), bibit (seedlings), daun (leaves, ranting (twigs), kayu (wood)	Indonesia: Jawa, Papua Africa: Benin, Burkina Faso, Comoros, DR Congo, Ethiopia, Gabon, Ivory Coast, Madagascar, Mali, Mauritius, Mayotte, Reunion, Senegal, Seychelles, Somalia, Sudan, Tanzania America: Argentina, Bolivia, Brazil, British Virgin Islands, Martinique, Mexico, USA, Paraguay, Peru, Uruguay Asia: Afghanistan, Bangladesh, Cambodia, China, Cocos Island, Hongkong, India, Iran, Iraq, Japan, Lao PDR, Malaysia, Maldives, Myanmar, Nepal, DPR Korea (North Korea), Oman, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka,

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	2005, <i>Xanthomonas smithii</i> subsp. <i>citri citri</i> (Gabriel <i>et al.</i> 1989) Schaad <i>et al.</i> 2007; Citrus canker	(natsudaidai), <i>Citrus reshni</i> (Cloepatra mandarin), <i>Citrus reticulata</i> (mandarin), <i>Citrus reticulata x Poncirus trifoliata</i> (citrumelo), <i>Citrus sinensis</i> (sweet orange), <i>Citrus sunki</i> (sour mandarin), <i>Citrus trifoliata</i> , <i>Citrus tankan</i> (tankan mandarin), <i>Citrus tangelo</i> , <i>Citrus unshui</i> (satsuma), <i>Citrus x paradisi</i> (grapefruit), <i>Eremocitrus glauca</i> (Australian desert lime), <i>Fortunella japonica</i> (round kumquat), <i>Fortunella margarita</i> (oval kumquat), <i>Limonia acidissima</i> (elephant apple), <i>Mangifera indica</i> (manga, mango), <i>Naringi crenulate</i> , <i>Poncirus trifoliata</i> (trifoliata orange), <i>Swinglea glutinosa</i> , <i>Zanthoxylum asiaticum</i>		Taiwan, Thailand, United Arab Emirates, Vietnam, Yemen Europe: Italy Oceania: Christmas Island, Federation States of Micronesia, Fiji, Guam, Marshall Islands, Northern Mariana Islands, Palau, Papua New Guinea, Solomon Islands, Timor Leste, US Minor Outlying Islands

8. VIRUS (*VIRUSES*)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	<p>Banana streak virus (BSV) (Syn. banana streak disease, banana streak virus, banana streak GF Virus, banana streak mysorevirus, banana streak OL virus)</p> <p>Spesies BSV ini meliputi: Banana streak GF virus, Banana streak IM virus, Banana streak Myvirus, Banana streak OL virus, Banana streak UA virus, Banana streak IU virus, Banana streak UL virus, Banana streak UI virus, dan Banana streak UM virus.</p>	<p><i>Heliconia</i> sp. (pisang hias), <i>Musa</i> spp. (pisang, banana)</p>	<p>bibit (seedlings, micropropagated plants), bonggol (setts), biji (true seeds, grains), daun (leaves), kultur jaringan (tissue culture)</p> <p>Vector: <i>Pseudococcidae</i> (<i>planococcus citri</i>)</p>	<p>Indonesia: Jawa (Jawa Barat), Sumatera (Lampung) Africa: Benin, Canary Islands, Cameroon, Cape Verde, Egypt, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mauritius, Morocco, Nigeria, Rwanda, South Africa, Tanzania, Uganda America: Brazil, Colombia, Costa Rica, Cuba, Ecuador, Grenada, Guadeloupe, Haiti, Honduras, Jamaica, Nicaragua, Puerto Rico, Peru, Saint Lucia, Trinidad and Tobago, USA, Virgin Islands, Venezuela Asia: China, India, Jordan, Malaysia, Philippines, Sri Lanka, Taiwan, Thailand Europe: Portugal, Spain Oceania: Australia, New</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ <i>PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
				Caledonia, Papua Nugini, Samoa, Tonga
2.	Carnation mottle virus (CarMV); (Syn. carnation mottle virus, carnation mottle carmovirus); mottle of carnation	<i>Begonia</i> spp., <i>Daphne odora</i> (fragrant daphne), <i>Dianthus barbatus</i> (sweets williams), <i>Dianthus caryophyllus</i> (carnation), <i>Dianthus superbis</i> (fringed print), <i>Saponaria officinalis</i> (soapwort), <i>Phalaenopsis</i> sp., <i>Vaccaria hispanica</i> , <i>Zantedeschia</i> spp. (calla lily)	akar (roots), batang (stems (above grounds), trunks, branches), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences), daun (leaves), suluran (stolon), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: <i>Aphis gossypii</i>	Indonesia: Jawa (Jawa Barat) Africa: Egypt America: Argentina, Brazil, Canada, Chile. Colombia, Cuba, Georgia, Mexico, USA, Venezuela Asia: Armenia, Azerbaijan, China, India, Iran, Israel, Japan, Lebanon, Kazakhstan, Kyrgyzstan, Republic of Korea (South Korea), Taiwan, Tajikistan, Turkmenistan, Turkey, Uzbekistan Europe: Belarus, Belgium, Bulgaria, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Latvia, Lithuania, Moldova, Netherlands, Poland, Romania, Russia, Slovakia, Serbia, Serbia and Montenegro, Spain, Ukraine, United Kingdom

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				Oceania: Australia, New Zealand
3.	Cacao swollen shoot virus (CSSV) (Syn. cacao swollen shoot virus, cacao vein clearing virus, cacao virus I, cocoa swollen shoot badnavirus, Theobroma virus I) Spesies CSSV ini meliputi: <i>Cacao swollen shoot badnavirus (CSSV)</i> , yaitu cacao swollen shoot CD badnavirus, cacao swollen shoot CE badnavirus, cacao swollen shoot Ghana M badnavirus, cacao swollen shoot Ghana N badnavirus, cacao swollen shoot Ghana Q badnavirus, cacao swollen shoot Ghana A badnavirus, dan cacao swollen shoot Ghana B badnavirus.	<i>Adansonia digitata</i> (baobab), <i>Ceiba pentandra</i> (kapuk randu, kapok), <i>Cola chlamydantha</i> , <i>Cola gigantea</i> , <i>Theobroma cacao</i> (kakao, cocoa)	batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruit), daun (leaves), mata tunas (shoots, buds), polong (pods), kultur jaringan (tissue culture) Vektor: Hemiptera, Pseudococcidae: <i>Delococcus tafoensis</i> , <i>Ferrisia virgata</i> , <i>Paraputo anomalus</i> , <i>Phenacoccus hargreavesi</i> , <i>Planococcoides njalensis</i> , <i>Planococcus citri</i> , <i>Pseudococcus concavocerrari</i> ,	Indonesia: Jawa (Jawa Tengah, DIY, Jawa Timur) Africa: Ghana, Ivory Coast, Nigeria, Northwest Africa, Sierra Leone, Togo Asia: Sri Lanka

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
			<i>Pseudococcus longis</i>	
4.	Cymbidium ringspot virus (CymRSV); (Syn. cymbidium ringspot virus)	<i>Cymbidium</i> , <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Trifolium repens</i> (semanggi putih, white clover), <i>Vigna unguiculata</i> (kacang tunggak, cowpea)	tanaman (whole plants), kultur jaringan (tissue culture)	Indonesia: Jawa (Jawa Barat), Europe: United Kingdom America: USA
5.	Fiji disease virus (FDV) (Syn. sugarcane Fiji disease fijivirus, sugarcane Fiji disease virus, saccharum virus 2, galla fijinensis)	<i>Saccharum edule</i> , <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum robustum</i>	bibit (seedlings, micropropagated plants), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: <i>Leaf hopper</i>	Indonesia: Papua, Sulawesi Africa: Madagascar Asia: Malaysia, Philippines, Thailand Oceania: Australia, Fiji, New Caledonia, Papua Nugini, Samoa, Solomon Islands, Tonga, Vanuatu
6.	Onion yellow dwarf virus (OYDV); (Syn. Allium virus 1, Garlic mosaic virus, Garlic yellow streak virus, Marmor cepae, Onion yellow dwarf virus)	<i>Allium</i> spp.	akar (roots), bibit (seedlings, micropropagated plants), buah (fruits), bunga (flowers, inflorescences), daun (leaves), umbi (bulbs,	Indonesia: Jawa, Bali, Lombok, Sumbawa, Sulawesi (Sulawesi Selatan) Africa: Egypt, Morocco, Nigeria, South Africa, Tunisia America: Argentina, Brazil, Canada, Chile, Cuba, Ecuador,

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			<p>corms, tubers), kultur jaringan (tissue culture)</p> <p>Vector: <i>Myzus persicae</i> dan aphid lainnya</p>	<p>USA, Uruguay Asia: China, India, Iran, Iraq, Israel, Japan, Thailand, Taiwan, Turkey, Vietnam Europe: Austria, Bosnia and Herzegovina, Croatia, Czechia, Denmark, , Estonia, Finland, France, Germany, Greece, Hungary, Lithuania, Montenegro, North Macedonia, Moldova, Poland, Romania, Serbia, Slovenia, Slovakia, Switzerland, United Kingdom, Ukraine Oceania: Australia, Cook Islands, New Zealand, Papua Nugini</p>
7.	Papaya ringspot virus (PRSV) P; (Syn. distortion ring spot of papaya, mosaic of papaya, papaya distortion mosaic virus, papaya leaf distortion virus, papaw distortion	<i>Carica papaya</i> (pepaya, papaya), Cucurbitaceae	bibit (seedlings, micropropagated plants), buah (fruits), bunga (flowers, inflorescences), daun (leaves), tanaman (whole plants), kultur	Indonesia: Sumatera (NAD, Sumatera Utara, Riau, Sumatera Selatan), Jawa (DIY, Jawa Barat), Bali, Nusa Tenggara Barat Africa: Egypt, Ivory Coast, Mauritius, Nigeria, Tanzania,

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	ringspot virus, papaw mosaic virus, ringspot of papaya,)		jaringan (tissue culture) Vektor: Hemiptera, Aphididae: <i>Myzus persicae</i> , <i>Aphis coreopsidis</i> , <i>Aphis craccivora</i> , <i>Aphis fabae</i> , <i>Aphis gossypii</i> , <i>Toxoptera citricida</i>	Tunisia, Uganda America: Bahama, Brazil, Colombia, Costa Rica, Cuba, Dominica, Ecuador, El Salvador, Guadeloupe, Honduras, Jamaica, Mexico, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: Bangladesh, China, India, Iran, Israel, Japan, Lebanon, Malaysia, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Syria, Thailand, Taiwan, Vietnam, Yemen Europe: Cyprus, Finland, France, Germany, Italy, Poland, Spain Oceania: Australia, Cook Island, Samoa, Solomon Island, Tonga
8.	Shallot yellow stripe virus (SYSV) (Syn. shallot yellow stripe virus)	<i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> var. <i>ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i>	bibit (seedlings, micropropagated plants), umbi (bulbs, corms, tubers), kultur	Indonesia: Jawa, Bali, Lombok, Sumbawa, Sulawesi (Selatan) Asia: China, Thailand, Vietnam

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		(bawang bombai, onion), <i>Allium cepa</i> var. <i>cepa</i> , <i>Allium sativum</i> (bawang putih, garlic), <i>Lilium formosanum</i> (tiger lily)	jaringan (tissue culture) Vektor: Hemiptera, Aphididae: <i>Acyrtosiphon pisum</i> , <i>Myzus cymbalariae</i>	
9.	Squash mosaic virus (SqMV); (Syn. cucurbit ring mosaic virus, muskmelon mosaic comovirus, muskmelon necrotic mosaic virus, squash mosaic comovirus, pumpkin mosaic virus; Squash mosaic	<i>Chenopodium</i> (Goosefoot), <i>Chenopodium album</i> (fat hen), Cucurbitaceae (cucurbits), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis melo</i> (melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cucurbita pepo</i> (labu kuning, zucchini), <i>Luffa acutangula</i> (oyong), <i>Sechium edule</i> (labu siam, chayotes)	biji (true seeds, grains), tanaman (whole plants), kultur jaringan (tissue culture) Vektor: Coleoptera, Chrysomelidae: <i>Acalymma trivittata</i> , <i>Acalymma thiemei</i> , <i>Diabrotica undecimpunctata</i> , <i>Diabrotica bivittula</i> ; Coleoptera, Coccinellidae:	Indonesia: Jawa (Jawa Barat) Africa: Egypt, Morocco, Tunisia America: Argentina, Brazil, Canada, Chile, Honduras, Jamaica, Mexico, Montserrat, Puerto Rico, Trinidad and Tobago, USA, Venezuela Asia: Bangladesh, China, India, Iran, Israel, Japan, Jordan, Kazakhstan, Lebanon, Philippines, Syria, Turkey, Yemen Europe: Bulgaria, Czechia, Greece, Italy, Netherlands Oceania: Australia, New Zealand, Samoa

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			<i>Epilachna chrysomelina</i> ; <i>Epilachna paenulata</i>	
10.	Sugarcane yellow leaf virus (ScYLV); (Syn. sugarcane yellow leaf virus)	<i>Hordeum vulgare</i> (barli, barley), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum robustum</i> , <i>Saccharum sinensis</i> , <i>Saccharum spontaneum</i> , <i>Sorghum bicolor</i> (sorgum, sorghum)	batang (stems (above ground), trunks, branches), bagal (sett), suluran (stolon), kultur jaringan (tissue culture), tanaman (whole plants) Vektor: Hemiptera, Aphididae: <i>Melanaphis sacchari</i> , <i>Rhopalosiphum maidis</i>	Indonesia: Sumatera (Lampung) Africa: Kenya, Malawi, Mauritius, Morocco, Reunion, Senegal, South Africa, Uganda, Zambia, Zimbabwe, Tunisia America: Argentina, Barbados, Brazil, Colombia, Cuba, Dominica, El Salvador, Guatemala, Hawaii, Jamaica, Mexico, Peru, USA Asia: Iran, India, Thailand Oceania: Australia, Papua Nugini
11.	Sweet potato feathery mottle virus (SPFMV); Syn. sweet potato chlorotic leafspot virus, sweet potato internal cork virus, sweet potato russet crack virus, sweet potato feathery mottle	<i>Amaranthus retroflexus</i> (redroot pigweed), <i>Atriplex hastata</i> , <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Calendula officinalis</i> (pot marigold), <i>Capsicum annuum</i> (cabai, paprika, bell pepper),	akar (roots), batang (stems (above ground), trunks, branches), bunga (flowers, inflorescences), bibit (seedlings, micropropagated)	Indonesia: Jawa (Jawa Tengah, Jawa Barat), Papua. Africa: Burkina Faso, Cameroon, Congo Democratic Republic, Egypt, Ethiopia, Kenya, Madagascar, Niger, Nigeria, Rwanda, South Africa,

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	virus, sweet potato virus A, sweet potato leaf spot virus, sweet potato ringspot virus) Internal cork disease of sweet potato	<i>Chenopodium</i> (goosefoot), <i>Chenopodium polyspermum</i> (manyseeded goosefoot), <i>Convolvulus arvensis</i> (bindweed), <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Hewittia sublobata</i> , <i>Ipomoea</i> spp., <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lepistemon owarlensis</i> , <i>Mentha arvensis</i> (corn mint), <i>Phaseolus lunatus</i> (lima bean), <i>Sinapsis arvensis</i> (wild mustard), <i>Spinacia oleracea</i> (bayam, spinach), <i>Taraxacum officinale complex</i> (dandelion)	plants),daun (leaves), tunas (shoots, buds), kultur jaringan (tissue culture) Vektor: <i>Myzus persicae</i> , <i>Aphis gossypii</i> , <i>Aphis craccipora</i> , <i>Lipaphis erysimi</i>	Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Chile, Costa Rica, Peru, Puerto Rico, USA, Venezuela Asia: China, India, Japan, Republic of Korea (South Korea), Syria, Taiwan, Vietnam Europe: Hungary, Italy, Portugal, Spain Oceania: Australia, Fiji, French Polynesia, New Zealand, Solomon Islands, Tonga
12.	Tomato spotted wilt virus (TSWV); (Syn. dahlia oakleaf virus, dahlia ringspot virus, dahlia yellow ringspot virus, mung bean leaf curl virus, pineapple yellow spot virus,	<i>Abelmoschus esculentus</i> , <i>Acalypha australis</i> , <i>Acanthospermum hispidum</i> , <i>Acanthus mollis</i> , <i>Achillea millefolium</i> , <i>Achimenes</i> sp., <i>Aconitum carmichaeli</i> , <i>Adenium obesum</i> ,	batang (stems (above ground), trunks, branches), tanaman, umbi (bulbs, corms, tubers), kultur jaringan (tissue culture)	Indonesia: Jawa (Jawa Barat), Kalimantan (Kalimantan Barat) Africa: Algeria, Burkina Faso, Canary Island, Congo DR, Egypt, Ivory Coast, Kenya, Libya, Madagascar, Mauritius, Niger, Nigeria, Réunion,

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	tomato spotted wilt virus)	<i>Aegopodium podagraria</i> , <i>Aeschynanthus pulcher</i> , <i>Aeschynanthus speciosus</i> , <i>Agapanthus africanus</i> , <i>Agapanthus praecox subsp.</i> <i>orientalis</i> , <i>Agastache</i> <i>foeniculum</i> , <i>Ageratina</i> <i>altissima</i> , <i>Ageratum</i> <i>conyzoides</i> (billy goat weed), <i>Ageratum houstonianum</i> , <i>Aglaonema commutatum</i> , <i>Agrostemma githago</i> , <i>Ajania</i> <i>pacifica</i> , <i>Alcea rosea</i> (Hollyhock), <i>Alliaria petiolata</i> , <i>Allium ascalonicum</i> , <i>Allium</i> <i>cepa</i> (onion), <i>Allium cepa var.</i> <i>aggregatum</i> (shallot), <i>Allium</i> <i>porrum</i> (leek), <i>Allium sativum</i> (garlic), <i>Alstroemeria aurea</i> <i>Alstroemeria hybrids</i> , <i>Alternanthera sessilis</i> , <i>Althaea officinalis</i> , <i>Amaranthus</i> (amaranth), <i>Amaranthus albus</i> ,	Vektor: Thysanoptera, Thripidae: <i>Frankliniella</i> <i>bispinosa</i> , <i>F. Intonsa</i> , <i>F. fusca</i> , <i>F. occidentalis</i> , <i>F.</i> <i>schultzei</i> , <i>F.</i> <i>tenuicornis</i> , <i>Thrips</i> <i>palmi</i> , <i>T. setosus</i> , <i>T.</i> <i>tabaci</i> , <i>T. flavus</i> , <i>Scirtothrips dorsalis</i>	Senegal, South Africa, Sudan, Tanzania, Tunisia, Uganda, Zimbabwe America: Argentina, Brazil, Bolivia, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Guyana, Haiti, Jamaica, Mexico, Paraguay, Puerto Rico, Suriname, USA, Uruguay, Venezuela Asia: Afghanistan, Armenia, Azerbaijan, Bangladesh, China, Georgia, India, Iran, Israel, Japan, Jordan, Korea DPR (North Korea), Lebanon, Malaysia, Nepal, Oman, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Thailand, Turkey Europe: Albania, Austria, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		<p><i>Amaranthus blitum</i> (livid amaranth), <i>Amaranthus caudatus</i>, <i>Amaranthus cruentus</i>, <i>Amaranthus graecizans</i>, <i>Amaranthus hybridus</i>, <i>Amaranthus palmeri</i>, <i>Amaranthus powellii</i>, <i>Amaranthus retroflexus</i> (redroot pigweed), <i>Amaranthus spinosus</i>, <i>Amaranthus thunbergii</i>, <i>Amaranthus viridis</i>, <i>Amaryllis belladonna</i>, <i>Ambrosia artemisiifolia</i> (common ragweed), <i>Ambrosia psilostachya</i>, <i>Ambrosia trifida</i>, <i>Ammi majus</i>, <i>Anagallis arvensis</i>, <i>Anagallis arvensis</i> var. <i>caerulea</i>, <i>Ananas comosus</i> (nanas, pineapple), <i>Anemone coronaria</i> (crown anemone), <i>Apium graveolens</i> (seledri, celery), <i>Arachys hypogaea</i></p>		<p>Czechia, Finland, France, Germany, Greece, Guernsey, Hungary, Ireland, Italy, Lithuania, Malta, Moldova, Montenegro, North Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Serbia and Montenegro, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom</p> <p>Oceania: Australia, Cook Islands, New Zealand, Papua Nugini</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIK ASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		(kacang tanah, peanut), <i>Arctium lappa</i> (burdock), <i>Arctotheca calendula</i> (capeweed), <i>Asclepias curassavica</i> (bloodflower), <i>Asplenium nidus</i> (bird's nest fern), <i>Aster</i> spp., <i>Begonia</i> spp., <i>Benincasa hispida</i> (white gourd), <i>Bidens pilosa</i> (ajeran, blackjack), <i>Brassica juncea</i> (mustard), <i>Brassica rapa</i> (field mustard), <i>Brassica rapa subsp. campestris</i> , <i>Brugmansia sauveolens</i> , <i>Calceolaria</i> , <i>Calendula officinalis</i> (pot marigold), <i>Callistephus chinensis</i> (China aster), <i>Campanula</i> , <i>Canavalia gladiata</i> (kacang parang, sword bean), <i>Canna indica</i> (canna lilly), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Cardamine flexuosa</i> (wavy bittercress), <i>Cardamine</i>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>parviflora</i>, <i>Carica papaya</i> (pepaya, papaya), <i>Catharanthus roseus</i> (tapak dara, periwinkle), <i>Cerastium glomeratum</i>, <i>Chenopodium ficifolium</i> (Fig-leaved goosefoot), <i>Chrysanthemum coronarium</i> (garland chrysanthemum), <i>Chrysanthemum x morifolium</i>, (krisan, chrysanthemum), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Cichorium endivia</i> (endive), <i>Cirsium arvense</i> (creeping thistle), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Coleus</i>, <i>Columnea hirta</i>, <i>Commelina communis</i> (common dayflower), <i>Convolvulus arvensis</i> (bindweed), <i>Conyza canadensis</i> (Canadian fleabane), <i>Coprosma repens</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA/ <i>PATHWAY</i>	DAERAH SEBAR/ <i>GEOGRAPHICAL DISTRIBUTION</i>
		<p><i>Crotalaria juncea</i> (rush skeletonweed), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (labu, squash), <i>Cyclamen</i>, <i>Cynara scolymus</i> (artichoke), <i>Cyphomandra betacea</i> (terung belanda, tree tomato), <i>Dahlia</i> spp., <i>Datura stramonium</i> (jimsonweed) <i>Daucus carota</i> (wortel, carrot), <i>Dianthus chinensis</i> (china pink), <i>Dieffenbachia</i> spp. (dumbcane), <i>Diplotaxis erucoides</i>, <i>Eustoma grandiflorum</i> (lisianthus), <i>Ficus elastic</i> (Indian rubberplant), <i>Ficus pumila</i> (climbing fig), <i>Forsythia viridissima</i>, <i>Galinsoga parviflora</i> (potato weed), <i>Galium spurium</i>, <i>Gerbera</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		<p><i>jamesonii</i> (transvaal daisy), <i>Gerbera</i> spp., <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hibiscus trionum</i> (Venice mallow), <i>Hoya carnosa</i> (wax plant), <i>Iris domestica</i> (blackberry lily), <i>Impatiens walleriana</i> (busy-Izzy), <i>Jacquemontia tannifolia</i> (hairy clustervine), <i>Kalanchoe</i> sp., <i>Lactuca sativa</i> (selada, lettuce), <i>Lathyrus sativus</i> (grass pea), <i>Lens culinaris</i> ssp. <i>culinaris</i> (lentil), <i>Lupinus</i> spp. (lupine), <i>Lycium chinense</i> (chinese wolfberry), <i>Lycopersicon</i>, <i>Malva verticillata</i>, <i>Mentha piperita</i> (peppermint), <i>Morus alba</i> (mora), <i>Nicandra physalodes</i>, <i>Nicotiana rustica</i>,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		<p><i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oenanthe javanica</i>, <i>Ocimum basilicum</i> (sweet basil), <i>Oncidium</i>, <i>Pelargonium</i>, <i>Pericallis cruenta</i> (common cineraria), <i>Petunia hybrida</i>, <i>Phalaenopsis</i> spp., <i>Phaseolus</i> spp., <i>Physalis peruviana</i> (cape gooseberry), <i>Pisum sativum</i> (kapri, pea), <i>Pittosporum tobira</i> (japanese pittosporum), <i>Raphanus sativus</i> (radish), <i>Salvia officinalis</i> (common sage), <i>Saintpaulia ionantha</i> (African violet), <i>Sechium edule</i> (labu siam, chayotes), <i>Senecio cruentus</i> (cineraria), <i>Sesamum indicum</i> (sesame), <i>Sinningia speciosa</i> (Brazilian gloxinia), <i>Sinningia</i>, Solanaceae, <i>Solanum lycopersicum</i> (tomat,</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME)	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
		tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Spinacia oleracea</i> (bayam, spinach), <i>Stephanotis floribunda</i> (Madagascar jasmine), <i>Tagetes</i> (marigold), <i>Tephrosia purpurea</i> (purple tephrosia), <i>Valeriana officinalis</i> (valerian), <i>Valerianella locusta</i> (lamb's lettuce), <i>Vicia faba</i> (faba bean), <i>Vigna cylindrica</i> (buncis, common bean), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (kacang hijau, mungbean), <i>Vigna unguiculata</i> (kacang tunggak, cowpea), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zantedeschia aethiopica</i> (calla lily), <i>Zinnia elegans</i> (zinnia), <i>Anthurium</i> spp.,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/SYNONIM TAXON/COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
		<i>Philodendron spp.</i>		

9. VIROID (*VIROID*)

NO	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (<i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i>)	INANG/ <i>HOST</i>	MEDIA PEMBAWA <i>/ PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
1.	Citrus exocortis pospiviroid (CEVd); (Syn. citrus exocortis viroid, citrus exocortis); scaly butt, scally butt of citrus, citrus bark shelling	<i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Citroncirus webberi</i> (citrange), <i>Citrus limon</i> (lemon), <i>Citrus limonia</i> (jeruk limau, mandarin lime), <i>Citrus reticulata</i> x <i>Poncirus trifoliata</i> (citrumelo), <i>Poncirus trifoliata</i> (trifoliata orange), <i>Chrysanthemum vestitum</i> , <i>Citrus</i> spp., <i>Daucus carota</i> (wortel, carrot), <i>Gynura aurantiaca</i> (java velvet plant), <i>Gynura procumbens</i> , <i>Impatien walleriana</i> , <i>Petunia hybrida</i> , <i>Poncirus trifoliata</i> (Trifoliata orange), <i>Solanum jasminoides</i> , <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i>	akar (roots), batang (stems (above ground), trunks, branches), bibit (seedlings, micropropagated plants), biji (true seeds, grains), bunga (flowers, inflorescences), buah (fruits), daun (leaves), tanaman (whole plants), tunas (shoots, buds), kultur jaringan (tissue culture)	Indonesia: Jawa (Jawa Timur) Africa: Algeria, Benin, Cameron, Egypt, Ethiopia, Ghana, Ivory coast, Libya, Ghana, Libya, Madagascar, Mauritius, Morocco, Mozambique, Nigeria, Reunion, Sierra Leone, Somalia, South Africa, Sudan, Tunisia, America: Canada, Cuba, Guadeloupe, Jamaica, Mexico, Trinidad and Tobago, USA Asia: Azerbaijan, China, India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Malaysia, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan, Thailand, Turkey, United Arab Emirates, Vietnam, Yemen Europe: Austria, Belgium, Cyprus, Czechia, France,

		(kentang, potato), <i>Tagetes patula</i> (French marigold), Verbana, <i>Vicia faba</i> (kacang babi, broad bean), <i>Vitis vinifera</i> (anggur, grapevine)		Germany, Greece, Italy, Montenegro, North Macedonia, Netherlands, Portugal, Russian Federation, Serbia, Slovenia, Portugal, Spain Oceania: Australia, Cook Islands, Fiji, French Polynesia, New Zealand, Papua Nugini, Semoa
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C. JENIS MEDIA PEMBAWA ORGANISME PENGANGGU TUMBUHAN KARANTINA

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
1.	Serangga hidup	-	0106.49.00	Rendah	1	Dalam keadaan hidup (berbagai stadia) untuk keperluan budidaya dan perlindungan tanaman (misalnya serangga polinator, predator, atau parasitoid) yang dimasukkan ke dalam wilayah Indonesia
2.	Tumbuhan hidup, termasuk bagian tumbuhan untuk bahan perbanyakan	Umbi, bonggol, akar berbonggol, batang dibawah tanah, tajuk dan akar tongkat, dorman	0601.10.00	Tinggi	21	
		Tanaman chicory	0601.20.10	Tinggi	21	
		Akar chicory	0601.20.20	Tinggi	21	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Bagian tanaman dari chicory	0601.20.90	Tinggi	21	
3.	Tumbuhan hidup lainnya (termasuk akarnya), potongan dan cangkokan; sulur jamur	Anggrek, potongan dan cangkokan tanpa akar	0602.10.10	Tinggi	21	
		Kayu karet, potongan dan cangkokan tanpa akar	0602.10.20	Tinggi	21	
		Lain-lain, potongan dan cangkokan tanpa akar	0602.10.90	Tinggi	21	
		Pohon, belukar dan semak, dicangkok atau tidak, yang buah atau bijinya dapat dimakan	0602.20.00	Tinggi	21	
		Rhododendron dan azalea, dicangkok atau tidak	0602.30.00	Tinggi	21	
		Mawar, dicangkok atau tidak	0602.40.00	Tinggi	21	
		Anggrek, potongan dan cangkokan yang berakar	0602.90.10	Tinggi	21	
		Anggrek, anakan	0602.90.20	Tinggi	21	
		Genus <i>Hevea</i> , tunggul bertunas	0602.90.40	Tinggi	21	
		Genus <i>Hevea</i> , anakan	0602.90.50	Tinggi	21	
		Genus <i>Hevea</i> , tunas	0602.90.60	Tinggi	21	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Lain-lain (termasuk tanaman akuatik dan sulur jamur)	0602.90.90	Tinggi	21	Termasuk polen (serbuk sari) untuk perbanyakan (<i>intended for propagation</i>).
4.	Bunga dan kuncup bunga potong dari jenis yang cocok untuk karangan bunga atau untuk keperluan pajangan, segar, dikeringkan, dicelup, dikelantang, diresapi, atau dikerjakan secara lain	Mawar, segar	0603.11.00	Sedang	3	
		Anyelir, segar	0603.12.00	Sedang	3	
		Anggrek, segar	0603.13.00	Sedang	3	
		Krisan, segar	0603.14.00	Sedang	3	
		Lilium, segar	0603.15.00	Sedang	3	
		Lain-lain dalam bentuk segar	0603.19.00	Sedang	3	
		Lain-lain yang dikeringkan, dicelup, dikelantang, diresapi, atau dikerjakan secara lain.	0603.90.00	Rendah	1	
5.	Daun, dahan dan bagian lainnya dari tanaman, tanpa bunga atau kuncup bunga, dan rumput, lumut mosse dan lumut lichen, dari jenis yang cocok untuk karangan bunga atau keperluan pajangan, segar, dikeringkan, dicelup,	Lumut mosse dan lumut lichen, segar	0604.20.10	Sedang	3	
		Lain-lain dalam bentuk segar	0604.20.90	Sedang	3	
		Lumut mosse dan lumut lichen, yang dikeringkan, dicelup, dikelantang, diresapi atau diolah secara lain.	0604.90.10	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	dikelantang, diresapi atau diolah secara lain	Lain-lain, yang dikeringkan, dicelup, dikelantang, diresapi atau diolah secara lain.	0604.90.90	Rendah	1	
6.	Kentang, segar atau dingin	Kentang, bahan perbanyakan (benih)	0701.10.00	Tinggi	21	
		Kentang, untuk membuat potato chips	0701.90.10	Sedang	3	
		Kentang, lain-lain	0701.90.90	Sedang	3	
7.	Tomat, segar atau dingin	Tomat, buah segar atau dingin	0702.00.00	Sedang	3	
8.	Bawang bombay, bawang merah, bawang putih, bawang bakung/perai dan sayuran sejenis lainnya, segar atau dingin	Bawang bombay, umbi untuk dibudidayakan	0703.10.11	Tinggi	21	
		Bawang bombay, lain-lain	0703.10.19	Sedang	3	
		Bawang merah, umbi untuk dibudidayakan	0703.10.21	Tinggi	21	
		Bawang merah, lain-lain	0703.10.29	Sedang	3	
		Bawang putih, umbi untuk dibudidayakan	0703.20.10	Tinggi	21	
		Bawang putih, lain-lain	0703.20.90	Sedang	3	
		Bawang bakung/perai dan sayuran sejenis, umbi untuk dibudidayakan	0703.90.10	Tinggi	21	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Bawang bakung/perai dan sayuran sejenis, lain-lain	0703.90.90	Sedang	3	
9.	Kubis, bunga kol, kohlrabi, kale dan brassica sejenis yang dapat dimakan, segar atau dingin	Bunga kol	0704.10.10	Sedang	3	
		Brokoli bongkolan	0704.10.20	Sedang	3	
		Brokoli lainnya	0704.10.90	Sedang	3	
		Kubis Brussel	0704.20.00	Sedang	3	
		Kubis bulat (drumhead)	0704.90.10	Sedang	3	
		Mustard Cina	0704.90.20	Sedang	3	
		Kubis lainnya	0704.90.30	Sedang	3	
		Brassica lain	0704.90.90	Sedang	3	
10.	Selada (<i>Lactuca sativa</i>) dan chicory (<i>Cichorium spp.</i>), segar atau dingin	Selada kubis (selada bongkolan)	0705.11.00	Sedang	3	
		Selada lainnya	0705.19.00	Sedang	3	
		Witloof chicory (<i>Cichorium intybus var. foliosum</i>)	0705.21.00	Sedang	3	
		Chicory lainnya	0705.29.00	Sedang	3	
11.	Wortel, lobak cina, akar bit untuk salad, salsify, celeriac, lobak dan akar sejenis yang dapat dimakan, segar	Wortel	0706.10.10	Sedang	3	
		Lobak cina	0706.10.20	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	atau dingin	Akar bit untuk salad, salsify, celeriac, lobak dan akar sejenis yang dapat dimakan lainnya	0706.90.00	Sedang	3	
12.	Ketimun dan ketimun acar, segar atau dingin	-	0707.00.00	Sedang	3	
13.	Sayuran polong, dikupas atau tidak, segar atau dingin	Kacang kapri (<i>Pisum sativum</i>)	0708.10.00	Sedang	3	
		Kacang perancis	0708.20.10	Sedang	3	
		Kacang Panjang	0708.20.20	Sedang	3	
		Kacang lainnya (<i>Vigna spp., Phaseolus spp.</i>)	0708.20.90	Sedang	3	
		Sayuran polong lainnya	0708.90.00	Sedang	3	
14.	Sayuran lainnya, segar atau dingin	Asparagus	0709.20.00	Sedang	3	
		Terung	0709.30.00	Sedang	3	
		Seledri selain celeriac	0709.40.00	Sedang	3	
		Jamur dari genus <i>Agaricus</i>	0709.51.00	Sedang	3	
		Jamur dari genus <i>Boletus</i>	0709.52.00	Sedang	3	
		Jamur dari genus <i>Cantharellus</i>	0709.53.00	Sedang	3	
		Shiitake (<i>Lentinus edodes</i>)	0709.54.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Matsutake (<i>Tricholoma matsutake</i> , <i>Tricholoma magnivelare</i> , <i>Tricholoma anaticum</i> , <i>Tricholoma dulciolens</i> , <i>Tricholoma caligatum</i>)	0709.55.00	Sedang	3	
		Cendawan tanah (<i>Tuber spp.</i>)	0709.56.00	Sedang	3	
		Cendawan tanah, selain <i>Tuber spp.</i>	0709.59.20	Sedang	3	
		Cendawan tanah lainnya	0709.59.90	Sedang	3	
		Cabai (buah dari genus <i>Capsicum</i>)	0709.60.10	Sedang	3	
		Buah lainnya dari genus <i>Pimenta</i>	0709.60.90	Sedang	3	
		Bayam, bayam New Zealand dan bayam orache (bayam kebun)	0709.70.00	Sedang	3	
		Globe artichokes	0709.91.00	Sedang	3	
		Buah zaitun	0709.92.00	Sedang	3	
		Labu, squash dan gourd (<i>Cucurbita spp.</i>)	0709.93.00	Sedang	3	
		Jagung manis	0709.99.10	Sedang	3	
		Lady's finger (Okra)	0709.99.20	Sedang	3	
		Sayuran lainnya	0709.99.90	Sedang	3	
15.	Sayuran (tidak dimasak atau dimasak)	Kentang	0710.10.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	dengan dikukus atau direbus), beku	Kacang kapri (<i>Pisum sativum</i>), dikupas atau tidak	0710.21.00	Rendah	1	
		Kacang (<i>Vigna spp.</i> , <i>Phaseolus spp.</i>), dikupas atau tidak	0710.22.00	Rendah	1	
		Sayuran polong lainnya, dikupas atau tidak	0710.29.00	Rendah	1	
		Bayam, bayam New Zealand dan bayam orache (bayam kebun)	0710.30.00	Rendah	1	
		Jagung manis	0710.40.00	Rendah	1	
		Sayuran lainnya	0710.80.00	Rendah	1	
		Campuran sayuran	0710.90.00	Rendah	1	
16.	Sayuran yang diawetkan sementara, tetapi tidak cocok untuk konsumsi langsung.	Buah zaitun, diawetkan dengan gas belerang dioksida	0711.20.10	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Buah zaitun, lain-lain	0711.20.90	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Ketimun dan ketimun acar, diawetkan dengan gas belerang dioksida	0711.40.10	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Ketimun dan ketimun acar, lain-lain	0711.40.90	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Jamur dari genus <i>Agaricus</i> , diawetkan dengan gas belerang dioksida	0711.51.10	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Jamur dari genus <i>Agaricus</i> , lain-lain	0711.51.90	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Jamur dan cendawan tanah lainnya, diawetkan dengan gas belerang dioksida	0711.59.10	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						<i>liquid)</i>
		Jamur dan cendawan tanah lainnya, lain-lain	0711.59.90	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid)</i>
		Jagung manis	0711.90.10	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid)</i>
		Cabai (buah dari genus <i>Capsicum</i>)	0711.90.20	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid)</i>
		Caper	0711.90.30	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid)</i>
		Bawang bombay, diawetkan dengan gas belerang dioksida	0711.90.40	Rendah	1	Tidak dalam bentuk awetan

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						dalam cairan (<i>preservation in liquid</i>)
		Bawang bombay, diawetkan selain dengan gas belerang dioksida	0711.90.50	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Sayuran lainnya, diawetkan dengan gas belerang dioksida	0711.90.60	Rendah	1	Tidak dalam bentuk awetan dalam cairan (<i>preservation in liquid</i>)
		Sayuran lainnya, lain-lain	0711.90.90	Rendah	1	
17.	Sayuran dikeringkan, utuh, potongan, irisan, patahan atau dalam bentuk bubuk, tetapi tidak diolah lebih lanjut	Bawang Bombay	0712.20.00	Rendah	1	
		Jamur dari genus <i>Agaricus</i>	0712.31.00	Rendah	1	
		Jamur kuping (<i>Auricularia spp.</i>)	0712.32.00	Rendah	1	
		Jamur jeli (<i>Tremella spp.</i>)	0712.33.00	Rendah	1	
		Shiitake (<i>Lentinus edodes</i>)	0712.34.00	Rendah	1	
		Cendawan tanah	0712.39.10	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Jamur lainnya	0712.39.90	Rendah	1	
		Bawang putih	0712.90.10	Rendah	1	
		Jagung manis	0712.90.20	Rendah	1	
		Sayuran lainnya	0712.90.90	Rendah	1	
18.	Sayuran polong dikeringkan, dikupas, dikuliti atau dibelah maupun tidak	Kacang kapri (<i>Pisum sativum</i>), cocok untuk disemai	0713.10.10	Tinggi	21	
		Kacang kapri (<i>Pisum sativum</i>), lain-lain	0713.10.90	Sedang	3	
		Chickpeas, cocok untuk disemai	0713.20.10	Tinggi	21	
		Chickpeas, lain-lain	0713.20.90	Sedang	3	
		Kacang dari spesies <i>Vigna mungo</i> (L.) Hepper atau <i>Vigna radiata</i> (L.) Wilczek, cocok untuk disemai	0713.31.10	Tinggi	21	
		Kacang dari spesies <i>Vigna mungo</i> (L.) Hepper atau <i>Vigna radiata</i> (L.) Wilczek, lain-lain	0713.31.90	Sedang	3	
		Kacang merah kecil (<i>Adzuki</i>) (<i>Phaseolus</i> atau <i>Vigna angularis</i>), cocok untuk disemai	0713.32.10	Tinggi	21	
		Kacang merah kecil (<i>Adzuki</i>) (<i>Phaseolus</i> atau <i>Vigna angularis</i>), lain-lain	0713.32.90	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Kacang merah, termasuk kacang buncis (<i>Phaseolus vulgaris</i>), cocok untuk disemai	0713.33.10	Tinggi	21	
		Kacang merah, termasuk kacang buncis (<i>Phaseolus vulgaris</i>), lain-lain	0713.33.90	Sedang	3	
		Kacang Bambara (<i>Vigna subterranea</i> atau <i>Voandzeia subterranea</i>), cocok untuk disemai	0713.34.10	Tinggi	21	
		Kacang Bambara (<i>Vigna subterranea</i> atau <i>Voandzeia subterranea</i>), lain-lain	0713.34.90	Sedang	3	
		Kacang sapi (<i>Vigna unguiculata</i>), cocok untuk disemai	0713.35.10	Tinggi	21	
		Kacang sapi (<i>Vigna unguiculata</i>), lain-lain	0713.35.90	Sedang	3	
		Kacang (<i>Vigna spp.</i> , <i>Phaseolus spp.</i>) lainnya, cocok untuk disemai	0713.39.10	Tinggi	21	
		Kacang (<i>Vigna spp.</i> , <i>Phaseolus spp.</i>) lainnya, lain-lain	0713.39.90	Sedang	3	
		Miju-miju, cocok untuk disemai	0713.40.10	Tinggi	21	
		Miju-miju, lain-lain	0713.40.90	Sedang		
		Kacang babi (<i>Vicia faba var. major</i>) dan kacang kuda (<i>Vicia faba var. equina</i> , <i>Vicia</i>	0713.50.10	Tinggi	21	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		<i>faba var. minor</i>), cocok untuk disemai				
		Kacang babi (<i>Vicia faba var. major</i>) dan kacang kuda (<i>Vicia faba var. equina</i> , <i>Vicia faba var. minor</i>), lain-lain	0713.50.90	Sedang	3	
		Kacang merpati (<i>Cajanus cajan</i>), cocok untuk disemai	0713.60.10	Tinggi	21	
		Kacang merpati (<i>Cajanus cajan</i>), lain-lain	0713.60.90	Sedang	3	
		Kacang lainnya, cocok untuk disemai	0713.90.10	Tinggi	21	
		Kacang lainnya, lain-lain	0713.90.90	Sedang	3	
19.	Ubi kayu, arrowroot, salep, Jerusalem artichokes, ubi jalar serta akar-akaran dan bonggol-bongolan semacam itu yang mengandung banyak pati atau inulin, segar, dingin, beku atau dikeringkan, dalam bentuk irisan maupun tidak atau dalam bentuk pelet; empulur sagu	Ubi kayu (cassava), kepingan dikeringkan	0714.10.11	Sedang	3	
		Ubi kayu (cassava), bentuk pelet atau irisan lainnya	0714.10.19	Sedang	3	
		Ubi kayu (cassava), beku	0714.10.91	Rendah	1	
		Ubi kayu (cassava), lain-lain	0714.10.99	Sedang	3	
		Ubi jalar, beku	0714.20.10	Rendah	1	
		Ubi jalar, lain-lain	0714.20.90	Sedang	3	
		Ubi rambat (<i>Dioscorea spp.</i>), beku	0714.30.10	Rendah	1	
		Ubi rambat (<i>Dioscorea spp.</i>), lain-lain	0714.30.90	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Talas (<i>Colocasia spp.</i>), beku	0714.40.10	Rendah	1	
		Talas (<i>Colocasia spp.</i>), lain-lain	0714.40.90	Sedang	3	
		Yautia (<i>Xanthosoma spp.</i>), beku	0714.50.10	Rendah	1	
		Yautia (<i>Xanthosoma spp.</i>), lain-lain	0714.50.90	Sedang	3	
		Empulur sagu, beku	0714.90.11	Rendah	1	
		Empulur sagu , lain-lain	0714.90.19	Sedang	3	
		akar-akaran dan bonggol-bonggolannya, beku	0714.90.91	Rendah	1	
		akar-akaran dan bonggol-bonggolannya, lain-lain	0714.90.99	Sedang	3	
20.	Kelapa, kacang Brasil dan kacang mede, segar atau dikeringkan, dihilangkan tempurungnya atau dikupas maupun tidak	Kelapa, diparut dan dikeringkan	0801.11.00	Sedang	3	
		Kelapa, di dalam kulit (endocarp)	0801.12.00	Sedang	3	
		Kelapa muda	0801.19.10	Sedang	3	
		Kelapa, lain-lain	0801.19.90	Sedang	3	
		Kacang Brazil, bertempurung	0801.21.00	Sedang	3	
		Kacang Brazil, dihilangkan tempurungnya	0801.22.00	Sedang	3	
		Kacang mede, bertempurung	0801.31.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Kacang mede, dihilangkan tempurungnya	0801.32.00	Sedang	3	
21.	Buah bertempurung lainnya, segar atau dikeringkan, dihilangkan tempurungnya atau dikupas maupun tidak	Almond, bertempurung	0802.11.00	Sedang	3	
		Almond, dihilangkan tempurungnya dan diblansir	0802.12.10	Sedang	3	
		Almond, dihilangkan tempurungnya dan proses pengolahan lainnya	0802.12.90	Sedang	3	
		Hazelnut atau filbert (<i>Corylus spp.</i>), bertempurung	0802.21.00	Sedang	3	
		Hazelnut atau filbert (<i>Corylus spp.</i>), dihilangkan tempurungnya	0802.22.00	Sedang	3	
		Walnut, bertempurung	0802.31.00	Sedang	3	
		Walnut, dihilangkan tempurungnya	0802.32.00	Sedang	3	
		Chestnut (<i>Castanea spp.</i>), bertempurung	0802.41.00	Sedang	3	
		Chestnut (<i>Castanea spp.</i>), dihilangkan tempurungnya	0802.42.00	Sedang	3	
		Pistasio, bertempurung	0802.51.00	Sedang	3	
		Pistasio, dihilangkan tempurungnya	0802.52.00	Sedang	3	
		Kacang Makadamia, bertempurung	0802.61.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Kacang Makadamia, dihilangkan tempurungnya	0802.62.00	Sedang	3	
		Kacang kola (<i>Cola spp.</i>)	0802.70.00	Sedang	3	
		Buah pinang	0802.80.00	Sedang	3	
		Kacang pinus, bertempurung	0802.91.00	Sedang	3	
		Kacang pinus, dihilangkan tempurungnya	0802.92.00	Sedang	3	
		Buah bertempurung lainnya, lain-lain	0802.99.00	Sedang	3	
22.	Pisang, termasuk pisang yang tidak cocok dikonsumsi langsung sebagai buah, segar atau dikeringkan	Pisang yang tidak cocok dikonsumsi langsung sebagai buah segar	0803.10.10	Sedang	3	
		Pisang yang tidak cocok dikonsumsi langsung, dikeringkan	0803.10.20	Rendah	1	
		Lady's finger banana	0803.90.10	Sedang	3	
		Pisang cavendish (<i>Musa acuminata</i>)	0803.90.20	Sedang	3	
		Pisang chestnut (hybrid of <i>Musa acuminata</i> and <i>Musa balbisiana</i> , cultivar Berangan)	0803.90.30	Sedang	3	
		Pisang lainnya	0803.90.90	Sedang	3	
23.	Korma, buah ara, nanas, alpokat,	Korma	0804.10.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	jambu, mangga dan manggis, segar atau dikeringkan	Buah ara	0804.20.00	Sedang	3	
		Nanas	0804.30.00	Sedang	3	
		Alpoket	0804.40.00	Sedang	3	
		Jambu	0804.50.10	Sedang	3	
		Mangga, segar	0804.50.21	Sedang	3	
		Mangga, dikeringkan	0804.50.22	Rendah	1	
		Manggis	0804.50.30	Sedang	3	
24.	Buah jeruk, segar atau dikeringkan	Orange, segar	0805.10.10	Sedang	3	
		Orange, dikeringkan	0805.10.20	Rendah	1	
		Mandarin (termasuk tangerin dan satsuma)	0805.21.00	Sedang	3	
		Clementine	0805.22.00	Sedang	3	
		Buah jeruk hibrida lainnya	0805.29.00	Sedang	3	
		Grapefruit dan pomelo	0805.40.00	Sedang	3	
		Lemon (<i>Citrus Limon, Citrus limonum</i>)	0805.50.10	Sedang	3	
		Limau (<i>Citrus aurantifolia, Citrus latifolia</i>)	0805.50.20	Sedang	3	
		Buah jeruk lainnya	0805.90.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
25.	Anggur, segar atau dikeringkan	Anggur, segar	0806.10.00	Sedang	3	
		Anggur, dikeringkan	0806.20.00	Rendah	1	
26.	Melon (termasuk semangka) dan papaw (pepaya), segar	Semangka	0807.11.00	Sedang	3	
		Melon	0807.19.00	Sedang	3	
		Papaw (pepaya)	0807.20.00	Sedang	3	
27.	Apel, pir dan quince, segar	Apel	0808.10.00	Sedang	3	
		Pir	0808.30.00	Sedang	3	
		Quince	0808.40.00	Sedang	3	
28.	Aprikot, ceri, persik (termasuk nektarin), plum dan sloe, segar	Aprikot	0809.10.00	Sedang	3	
		Ceri asam (<i>Prunus cerasus</i>)	0809.21.00	Sedang	3	
		Ceri lainnya	0809.29.00	Sedang	3	
		Persik, termasuk nektarin	0809.30.00	Sedang	3	
		Plum	0809.40.10	Sedang	3	
		Sloe	0809.40.20	Sedang	3	
29.	Buah lainnya, segar	Stroberi	0810.10.00	Sedang	3	
		Rasberi, blackberry, mulberry, dan loganberry	0810.20.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Currant hitam, putih atau merah dan gooseberry	0810.30.00	Sedang	3	
		Cranberry, bilberry dan buah lainnya dari genus <i>Vaccinium</i>	0810.40.00	Sedang	3	
		Buah kiwi	0810.50.00	Sedang	3	
		Durian	0810.60.00	Sedang	3	
		Kesemek	0810.70.00	Sedang	3	
		Lengkeng; Mata Kucing	0810.90.10	Sedang	3	
		Leci	0810.90.20	Sedang	3	
		Rambutan	0810.90.30	Sedang	3	
		Langsat (Lanzones)	0810.90.40	Sedang	3	
		Jackfruit (termasuk Cempedak dan Nangka)	0810.90.50	Sedang	3	
		Tamarin	0810.90.60	Sedang	3	
		Belimbing	0810.90.70	Sedang	3	
		Salak	0810.90.91	Sedang	3	
		Buah naga	0810.90.92	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Sapodilla (ciku fruit)	0810.90.93	Sedang	3	
		Delima (<i>Punica spp.</i>), sirsak atau sarikaya (<i>Annona spp.</i>), jambu air (<i>Syzygium spp.</i> , <i>Eugenia spp.</i>), gandaria (<i>Bouea spp.</i>), markisa (<i>Passiflora spp.</i>), kecapi (<i>Sandoricum spp.</i>), jujube (<i>Ziziphus spp.</i>) dan tampoi atau rambai (<i>Baccaurea spp.</i>)	0810.90.94	Sedang	3	
		Buah lainnya	0810.90.99	Sedang	3	
30.	Buah dan buah bertempurung, tidak dimasak atau dimasak dengan cara dikukus atau direbus, beku, mengandung tambahan gula atau bahan pemanis lainnya maupun tidak	Stroberi	0811.10.00	Rendah	1	
		Rasberi, blackberry, mulberry, loganberry, currant hitam, putih atau merah dan gooseberry	0811.20.00	Rendah	1	
		Buah dan buah bertempurung lainnya	0811.90.00	Rendah	1	
31.	Buah dan buah bertempurung diawetkan sementara, tetapi tidak cocok untuk konsumsi langsung	Ceri	0812.10.00	Rendah	1	
		Stroberi	0812.90.10	Rendah	1	
		Buah dan buah bertempurung lainnya	0812.90.90	Rendah	1	
32.	Buah, kering; campuran dari buah bertempurung atau buah kering	Aprikot	0813.10.00	Rendah	1	
		Prune	0813.20.00	Rendah	1	
		Apel	0813.30.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Lengkeng	0813.40.10	Rendah	1	
		Tamarin	0813.40.20	Rendah	1	
		Buah lainnya	0813.40.90	Rendah	1	
		Campuran dari buah bertempurung atau buah dikeringkan, dengan bahan utama kacang mede atau kacang Brazil berdasarkan beratnya	0813.50.10	Rendah	1	
		Campuran dari buah bertempurung atau buah dikeringkan, dengan bahan utama kacang lainnya berdasarkan beratnya	0813.50.20	Rendah	1	
		Campuran dari buah bertempurung atau buah dikeringkan, dengan bahan utama kurma berdasarkan beratnya	0813.50.30	Rendah	1	
		Campuran dari buah bertempurung atau buah dikeringkan, dengan bahan utama alpukat atau orange, atau mandarin (termasuk tangerin dan satsuma) berdasarkan beratnya	0813.50.40	Rendah	1	
		Campuran dari buah bertempurung atau buah dikeringkan lainnya	0813.50.90	Rendah	1	
33.	Kulit buah jeruk atau melon	-	0814.00.00	Rendah	1	Tidak dalam

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	(termasuk semangka), segar, beku, dikeringkan atau diawetkan sementara dalam air garam, air belerang atau dalam larutan pengawet lainnya					bentuk awetan dalam cairan (<i>preservation in liquid</i>)
34.	Kopi, digongseng atau dihilangkan kafeinnya maupun tidak; sekam dan kulit kopi; pengganti kopi mengandung kopi dengan perbandingan berapapun	Arabika, tidak digongseng dan tidak dihilangkan kafeinnya	0901.11.20	Sedang	3	
		Robusta, tidak digongseng dan tidak dihilangkan kafeinnya	0901.11.30	Sedang	3	
		Jenis lainnya, tidak digongseng dan tidak dihilangkan kafeinnya	0901.11.90	Sedang	3	
		Arabika atau Robusta, tidak digongseng dan dihilangkan kafeinnya	0901.12.20	Sedang	3	
		Jenis lainnya, tidak digongseng dan dihilangkan kafeinnya	0901.12.90	Sedang	3	
		Arabica, digongseng dan tidak dihilangkan kafeinnya serta tidak ditumbuk	0901.21.11	Rendah	1	
		Robusta, digongseng dan tidak dihilangkan kafeinnya serta tidak ditumbuk	0901.21.12	Rendah	1	
		Jenis lainnya, digongseng dan tidak dihilangkan kafeinnya serta tidak ditumbuk	0901.21.19	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Sekam dan kulit kopi	0901.90.10	Rendah	1	
		Pengganti kopi mengandung kopi	0901.90.20	Rendah	1	
35.	Teh, diberi rasa maupun tidak	Daun, teh hijau (tidak difermentasi) dikemas langsung dalam kemasan tidak melebihi 3 kg	0902.10.10	Rendah	1	Tidak dalam bentuk kemasan siap konsumsi (misalnya teh celup)
		Lain-lain, teh hijau (tidak difermentasi) dikemas langsung dalam kemasan tidak melebihi 3 kg	0902.10.90	Rendah	1	
		Daun, teh hijau lainnya (tidak difermentasi)	0902.20.10	Rendah	1	
		Lain-lain, teh hijau lainnya (tidak difermentasi)	0902.20.90	Rendah	1	
		Daun, teh hitam (difermentasi) dan teh difermentasi sebagian, dikemas langsung dalam kemasan tidak melebihi 3 kg	0902.30.10	Rendah	1	Tidak dalam bentuk kemasan siap konsumsi (misalnya teh celup)
		Lain-lain, teh hitam (difermentasi) dan teh difermentasi sebagian, dikemas langsung	0902.30.90	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		dalam kemasan tidak melebihi 3 kg				
		Daun, teh hitam lainnya (difermentasi) dan teh lainnya yang difermentasi sebagian	0902.40.10	Rendah	1	Tidak dalam bentuk kemasan siap konsumsi (misalnya teh celup)
		Lain-lain, teh hitam lainnya (difermentasi) dan teh lainnya yang difermentasi sebagian	0902.40.90	Rendah	1	
36.	Mate	-	0903.00.00	Sedang	3	
37.	Lada dari genus <i>Piper</i> ; buah dari genus <i>Capsicum</i> atau dari genus <i>Pimenta</i> yang dikeringkan atau dihancurkan atau ditumbuk.	Lada Putih, tidak dihancurkan atau tidak ditumbuk	0904.11.10	Rendah	1	
		Lada Hitam, tidak dihancurkan atau tidak ditumbuk	0904.11.20	Rendah	1	
		Jenis lada lainnya, tidak dihancurkan atau tidak ditumbuk	0904.11.90	Rendah	1	
		Lada Putih, dihancurkan atau ditumbuk	0904.12.10	Rendah	1	
		Lada hitam, dihancurkan atau ditumbuk	0904.12.20	Rendah	1	
		Jenis lada lainnya, dihancurkan atau ditumbuk	0904.12.90	Rendah	1	
		Cabai (buah dari genus <i>Capsicum</i>),	0904.21.10	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		dikeringkan, tidak dihancurkan atau ditumbuk				
		buah dari genus <i>Pimenta</i> atau sejenisnya, dikeringkan, tidak dihancurkan atau ditumbuk	0904.21.90	Rendah	1	
		Cabai (buah dari genus <i>Capsicum</i>), dihancurkan atau ditumbuk	0904.22.10	Rendah	1	
		buah dari genus <i>Pimenta</i> atau sejenisnya, dihancurkan atau ditumbuk	0904.22.90	Rendah	1	
38.	Vanila	Vanila, tidak dihancurkan atau tidak ditumbuk	0905.10.00	Sedang	3	
		Vanila, dihancurkan atau ditumbuk	0905.20.00	Rendah	1	
39.	Kayu manis dan bunga kayu manis	Cinnamon (<i>Cinnamomum zeylanicum Blume</i>), tidak dihancurkan atau tidak ditumbuk	0906.11.00	Sedang	3	
		bunga kayu manis dan sejenisnya, tidak dihancurkan atau tidak ditumbuk	0906.19.00	Sedang	3	
		Kayu manis dan bunga kayu manis, dihancurkan atau ditumbuk	0906.20.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
40.	Cengkeh (utuh, bunga dan tangkai)	Cengkeh, tidak dihancurkan atau tidak ditumbuk	0907.10.00	Sedang	3	
		Cengkeh, dihancurkan atau ditumbuk	0907.20.00	Rendah	1	
41.	Biji pala, bunga pala dan kapulaga	Biji pala, tidak dihancurkan atau tidak ditumbuk	0908.11.00	Sedang	3	
		Biji pala, dihancurkan atau ditumbuk	0908.12.00	Rendah	1	
		Daging buah pala, segar atau kering	-	Sedang	3	
		Bunga pala, tidak dihancurkan atau tidak ditumbuk	0908.21.00	Sedang	3	
		Bunga pala, dihancurkan atau ditumbuk	0908.22.00	Rendah	1	
		Kapulaga, tidak dihancurkan atau tidak ditumbuk	0908.31.00	Sedang	3	
		Kapulaga, dihancurkan atau ditumbuk	0908.32.00	Rendah	1	
42.	Biji adas manis, badian, adas pedas, ketumbar, jintan hitam atau jintan; buah juniper	Biji ketumbar, tidak dihancurkan atau tidak ditumbuk	0909.21.00	Sedang	3	
		Biji ketumbar, dihancurkan atau ditumbuk	0909.22.00	Rendah	1	
		Biji jintan hitam, tidak dihancurkan atau tidak ditumbuk	0909.31.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Biji jintan hitam, dihancurkan atau ditumbuk	0909.32.00	Rendah	1	
		Biji adas manis, tidak dihancurkan atau tidak ditumbuk	0909.61.10	Sedang	3	
		Biji badian, tidak dihancurkan atau tidak ditumbuk	0909.61.20	Sedang	3	
		Biji jintan, tidak dihancurkan atau tidak ditumbuk	0909.61.30	Sedang	3	
		Biji sejenis lainnya, tidak dihancurkan atau tidak ditumbuk	0909.61.90	Sedang	3	
		Biji adas manis, dihancurkan atau ditumbuk	0909.62.10	Rendah	1	
		Biji badian, dihancurkan atau ditumbuk	0909.62.20	Rendah	1	
		Biji jintan, dihancurkan atau ditumbuk	0909.62.30	Rendah	1	
		Biji sejenis lainnya, dihancurkan atau ditumbuk	0909.62.90	Rendah	1	
43.	Jahe, saffron, turmeric (curcuma), thyme, daun salam, kari dan rempah-rempah lainnya	Jahe, tidak dihancurkan atau tidak ditumbuk	0910.11.00	Sedang	3	
		Jahe, dihancurkan atau ditumbuk	0910.12.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Saffron	0910.20.00	Rendah	1	
		Turmeric (curcuma)	0910.30.00	Sedang	3	
		Rempah-rempah lainnya, campuran untuk kari	0910.91.10	Rendah	1	
		Rempah- rempah lainnya, campuran selain untuk kari	0910.91.90	Rendah	1	
		Thyme; daun salam	0910.99.10	Sedang	3	
		Rempah- rempah lainnya, lain-lain	0910.99.90	Sedang	3	
44.	Gandum dan meslin	Gandum durum, benih	1001.11.00	Tinggi	21	
		Gandum durum, lain-lain	1001.19.00	Sedang	3	
		Gandum jenis lain, benih	1001.91.00	Tinggi	21	
		Meslin, layak untuk dikonsumsi oleh manusia	1001.99.11	Sedang	3	
		Biji gandum tanpa cangkang, layak untuk dikonsumsi oleh manusia	1001.99.12	Sedang	3	
		Gandum jenis lain, layak untuk dikonsumsi oleh manusia	1001.99.19	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Meslin, tidak layak untuk dikonsumsi oleh manusia	1001.99.91	Sedang	3	
		Gandum jenis lain, tidak layak untuk dikonsumsi oleh manusia	1001.99.99	Sedang	3	
45.	Gandum hitam	Gandum hitam, benih	1002.10.00	Tinggi	21	
		Gandum hitam, Lain-lain	1002.90.00	Sedang	3	
46.	Barli	Barli, benih	1003.10.00	Tinggi	21	
		Barli, lain-lain	1003.90.00	Sedang	3	
47.	Oat	Oat, benih	1004.10.00	Tinggi	21	
		Oat, lain-lain	1004.90.00	Sedang	3	
48.	Jagung	Jagung, benih	1005.10.00	Tinggi	21	
		Jagung brondong	1005.90.10	Sedang	3	
		Jagung, layak untuk dikonsumsi manusia	1005.90.91	Sedang	3	
		Jagung, lain-lain	1005.90.99	Sedang	3	
49.	Beras	Beras berkulit (padi atau gabah), untuk disemai	1006.10.10	Tinggi	21	
		Beras berkulit (padi atau gabah), lain-lain	1006.10.90	Tinggi	21	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Gabah dikuliti, beras Hom Mali	1006.20.10	Sedang	3	
		Gabah dikuliti, beras jenis lainnya	1006.20.90	Sedang	3	
		Beras ketan, setengah giling atau digiling seluruhnya, disosoh atau dikilapkan maupun tidak	1006.30.30	Sedang	3	
		Beras Hom Mali, setengah giling atau digiling seluruhnya, disosoh atau dikilapkan maupun tidak	1006.30.40	Sedang	3	
		Beras Basmati, setengah giling atau digiling seluruhnya, disosoh atau dikilapkan maupun tidak	1006.30.50	Sedang	3	
		Beras Malys, setengah giling atau digiling seluruhnya, disosoh atau dikilapkan maupun tidak	1006.30.60	Sedang	3	
		Beras beraroma lainnya, setengah giling atau digiling seluruhnya, disosoh atau dikilapkan maupun tidak	1006.30.70	Sedang	3	
		Beras setengah masak	1006.30.91	Rendah	1	
		Berat jenis lainnya, lain-lain	1006.30.99	Sedang	3	
		Beras pecah, untuk makanan hewan	1006.40.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Beras pecah, lain-lain	1006.40.90	Sedang	3	
50.	Sorgum	Sorgum, Benih	1007.10.00	Tinggi	21	
		Sorgum, lain-lain	1007.90.00	Sedang	3	
51.	Buckwheat, millet dan biji canary; serealia lainnya	Buckwheat	1008.10.00	Sedang	3	
		Millet, benih	1008.21.00	Tinggi	21	
		Millet, lain-lain	1008.29.00	Sedang	3	
		Biji canary	1008.30.00	Sedang	3	
		Fonio (<i>Digitaria spp.</i>)	1008.40.00	Sedang	3	
		Quinoa (<i>Chenopodium quinoa</i>)	1008.50.00	Sedang	3	
		Triticale	1008.60.00	Sedang	3	
52.	Tepung gandum atau tepung meslin	Tepung gandum, telah difortifikasi	1101.00.11	Rendah	1	
		Tepung gandum, lain-lain	1101.00.19	Rendah	1	
		Tepung Meslin	1101.00.20	Rendah	1	
53.	Tepung serelia selain gandum atau meslin	Maizena (tepung jagung)	1102.20.00	Rendah	1	
		Tepung beras	1102.90.10	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Tepung gandum hitam	1102.90.20	Rendah	1	
		Tepung sereal lainnnya	1102.90.90	Rendah	1	
54.	Menir, tepung kasar dan pelet sereal	Menir dan tepung kasar, dari gandum	1103.11.00	Sedang	3	
		Menir dan tepung kasar, dari jagung	1103.13.00	Sedang	3	
		Menir dan tepung kasar, dari meslin	1103.19.10	Sedang	3	
		Menir dan tepung kasar, dari beras	1103.19.20	Sedang	3	
		Menir dan tepung kasar, dari lain-lain	1103.19.90	Sedang	3	
		Pelet	1103.20.00	Sedang	3	
55.	Butir sereal dikerjakan secara lain (misalnya, dikuliti, digiling, dipipihkan, dikikis, diiris atau dipecah), lembaga sereal, utuh, digiling, dipipihkan atau ditumbuk	Butir dari oat, digiling atau dipipihkan	1104.12.00	Sedang	3	
		Butir dari jagung, digiling atau dipipihkan	1104.19.10	Sedang	3	
		Butir dari sereal lainnnya, digiling atau dipipihkan	1104.19.90	Sedang	3	
		Butir dari oat, dikerjakan secara lain (misalnya, dikuliti, dikikis, diiris atau dipecah)	1104.22.00	Sedang	3	
		Butir dari jagung, dikerjakan secara lain (misalnya, dikuliti, dikikis, diiris atau dipecah)	1104.23.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Butir dari barli, dikerjakan secara lain (misalnya, dikuliti, dikikis, diiris atau dipecah)	1104.29.20	Sedang	3	
		Butir dari sereal lain, dikerjakan secara lain (misalnya, dikuliti, dikikis, diiris atau dipecah)	1104.29.90	Sedang	3	
		Lembaga sereal, utuh, digiling, dipipihkan atau ditumbuk	1104.30.00	Sedang	3	
56.	Tepung, tepung kasar, bubuk, serpih, butir dan pelet kentang	Tepung, tepung kasar dan bubuk	1105.10.00	Rendah	1	
		Serpih, butir dan pelet	1105.20.00	Sedang	3	
57.	Tepung, tepung kasar dan bubuk dari sayuran polongan dikeringkan, dari sagu atau dari akar atau bonggol	Tepung, tepung kasar dan bubuk, dari sayuran polongan dikeringkan	1106.10.00	Rendah	1	
		Tepung, tepung kasar dan bubuk, dari ubi kayu (cassava)	1106.20.10	Rendah	1	
		Tepung, tepung kasar dan bubuk, dari sagu	1106.20.20	Rendah	1	
		Tepung, tepung kasar dan bubuk, dari jenis akar atau bonggol jenis lainnya	1106.20.90	Rendah	1	
		Tepung, tepung kasar dan bubuk, dari buah dan buah bertempurung atau jenis	1106.30.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		lainnya				
58.	Malt, digongseng maupun tidak	Malt, tidak digongseng	1107.10.00	Rendah	1	
		Malt, digongseng	1107.20.00	Rendah	1	
59.	Pati; inulin	Pati gandum	1108.11.00	Rendah	1	
		Pati jagung	1108.12.00	Rendah	1	
		Pati kentang	1108.13.00	Rendah	1	
		Pati lainnya	1108.19.90	Rendah	1	
		Inulin	1108.20.00	Rendah	1	
60.	Gluten gandum, dikeringkan maupun tidak	-	1109.00.00	Rendah	1	
61.	Kacang kedelai, pecah maupun tidak.	Kacang kedelai, benih	1201.10.00	Tinggi	21	
		Kacang kedelai, lain-lain	1201.90.00	Sedang	3	
62.	Kacang tanah, tidak digongseng atau dimasak secara lain, dihilangkan tempurungnya atau pecah maupun tidak	Kacang tanah, benih	1202.30.00	Tinggi	21	
		Kacang tanah, bertempurung	1202.41.00	Sedang	3	
		Kacang tanah, dihilangkan tempurungnya, pecah maupun tidak	1202.42.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
63.	Kopra	-	1203.00.00	Sedang	3	
64.	Biji rami, pecah maupun tidak	-	1204.00.00	Sedang	3	
65.	Biji lobak atau colza, pecah maupun tidak	Biji lobak atau colza, mengandung asam erusat rendah	1205.10.00	Sedang	3	
		Biji lobak atau colza, lain-lain	1205.90.00	Sedang	3	
66.	Biji bunga matahari, pecah maupun tidak	-	1206.00.00	Sedang	3	
67.	Biji dan buah lainnya yang mengandung minyak, pecah maupun tidak	Biji kelapa sawit cocok untuk disemai/ditanam	1207.10.10	Tinggi	21	
		Kernel kelapa sawit	1207.10.30	Sedang	3	
		Lain-lain dari kelapa sawit	1207.10.90	Sedang	3	
		Biji kapas, benih	1207.21.00	Tinggi	21	
		Biji kapas, lain-lain	1207.29.00	Sedang	3	
		Biji jarak	1207.30.00	Tinggi	21	
		Biji wijen, dapat dimakan	1207.40.10	Rendah	1	
		Biji wijen, lain-lain	1207.40.90	Tinggi	21	
	Biji mustar	1207.50.00	Tinggi	21		

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Biji Safflower (<i>Carthamus tinctorius</i>)	1207.60.00	Tinggi	21	
		Biji Melon	1207.70.00	Tinggi	21	
		Biji poppy	1207.91.00	Tinggi	21	
		Biji Tengkawang	1207.99.40	Tinggi	21	
		Tandan buah segar kelapa sawit	1207.99.50	Sedang	3	
		Biji dan buah lainnya yang mengandung minyak	1207.99.90	Sedang	3	
68.	Tepung halus dan tepung kasar dari biji atau buah yang mengandung minyak, selaian mustar	Tepung halus dan tepung kasar, dari kacang kedelai	1208.10.00	Rendah	1	
		Tepung halus dan tepung kasar, lain-lain	1208.90.00	Rendah	1	
69.	Biji, buah dan spora, dari jenis yang digunakan untuk disemai	Biji bit gula	1209.10.00	Tinggi	21	
		Biji Lucerne (alfalfa)	1209.21.00	Tinggi	21	
		Biji semanggi (<i>Trifolium spp.</i>)	1209.22.00	Tinggi	21	
		Biji Fescue	1209.23.00	Tinggi	21	
		Biji rumput biru Kentucky (<i>Poa pratensis L.</i>)	1209.24.00	Tinggi	21	
		Biji gandum hitam (<i>Lolium multiflorum Lam., Lolium perenne L.</i>)	1209.25.00	Tinggi	21	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Biji rumput Timothy (<i>Phelum prantense</i>)	1209.29.10	Tinggi	21	
		Biji jenis lainnya untuk makanan ternak	1209.29.90	Tinggi	21	
		Biji bijian dari tumbuhan rerumputan yang dibudidayakan terutama untuk bunganya	1209.30.00	Tinggi	21	
		Biji bawang bombay	1209.91.10	Tinggi	21	
		Biji sayuran lainnya	1209.91.90	Tinggi	21	
		Biji karet	1209.99.20	Tinggi	21	
		Biji kenaf	1209.99.30	Tinggi	21	
		Biji non – sayuran lainnya	1209.99.90	Tinggi	21	
70.	Kerucut buah hop, segar atau dikeringkan, ditumbuk, dijadikan bubuk atau dalam bentuk pelet maupun tidak; lupulin	Kerucut buah hop, tidak ditumbuk maupun dijadikan bubuk maupun dalam bentuk pelet	1210.10.00	Sedang	3	
		Kerucut buah hop, ditumbuk, dijadikan bubuk atau dalam bentuk pelet; lupulin	1210.20.00	Rendah	1	
71.	Tanaman dan bagiannya (termasuk biji dan buah), yang terutama dipakai dalam pembuatan wewangian, dalam farmasi atau untuk insektisida, fungisida atau untuk tujuan yang semacam itu, segar, didinginkan, beku	Akar ginseng, segar atau dikeringkan	1211.20.10	Sedang	3	
		Akar ginseng, lain-lain	1211.20.90	Sedang	3	
		Daun koka	1211.30.00	Sedang	3	
		Jerami poppy	1211.40.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	atau dikeringkan, baik dipotong, dihancurkan atau dijadikan bubuk maupun tidak	Ephedra	1211.50.00	Rendah	1	
		Kulit dari ceri Afrika (<i>Prunus africana</i>)	1211.60.00	Rendah	1	
		Cannabis, dalam bentuk potongan, dihancurkan atau dalam bentuk bubuk	1211.90.11	Sedang	3	
		Cannabis, bentuk lainnya	1211.90.12	Sedang	3	
		Akar rauwolfia serpentina	1211.90.13	Sedang	3	
		Akar manis	1211.90.15	Sedang	3	
		Jenis lainnya, segar atau dikeringkan, dalam bentuk potongan, dihancurkan atau dalam bentuk bubuk, dipakai dalam farmasi	1211.90.17	Rendah	1	
		Jenis lainnya, dalam bentuk potongan, dihancurkan atau dalam bentuk bubuk, dipakai dalam farmasi	1211.90.18	Rendah	1	
		Jenis lainnya, lain-lain dipakai dalam farmasi	1211.90.19	Rendah	1	
		Pyrethrum, dalam bentuk potongan, dihancurkan atau dalam bentuk bubuk	1211.90.91	Rendah	1	
Pyrethrum, dalam bentuk lainnya	1211.90.92	Rendah	1			

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Keping kayu cendana	1211.90.94	Sedang	3	
		Keping kayu Gaharu	1211.90.95	Sedang	3	
		Kulit dari perseia (<i>Persea Kurzii Kosterm</i>)	1211.90.97	Rendah	1	
		Jenis lainnya, dalam bentuk potongan, dihancurkan atau dalam bentuk bubuk	1211.90.98	Rendah	1	
		Jenis lainnya, lain-lain	1211.90.99	Rendah	1	
72.	Kacang karob, rumput laut dan ganggang lainnya, bit gula dan tebu, segar, dingin, beku atau dikeringkan, ditumbuk maupun tidak; kulit keras buah dan kernel serta produk nabati lainnya (termasuk akar chicory yang tidak digongseng dari varietas <i>Cichorium intybus sativum</i>) dari jenis yang terutama digunakan untuk konsumsi manusia, tidak dirinci atau lainnya.	Bit gula	1212.91.00	Sedang	3	
		Kacang locust (karob)	1212.92.00	Sedang	3	
		Tebu, cocok untuk ditanam	1212.93.10	Tinggi	21	
		Tebu, lain-lain	1212.93.90	Sedang	3	
		Akar chicory	1212.94.00	Sedang	3	
		Batu (biji) dan kernel aprikot, peach (termasuk nektarin) atau plum	1212.99.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Jenis lainnya	1212.99.90	Sedang	3	
73.	Jerami dan sekam serealia, tidak diolah, baik dicacah, ditumbuk, ditekan atau dalam bentuk pelet maupun tidak.	-	1213.00.00	Sedang	3	
75.	Swedes (sejenis lobak), mangold (sejenis bit), akar makanan ternak, rumput kering, lucerne (alfalfa), semanggi, sainfoin, Kale makanan ternak, lupine, Vetch dan produk makanan ternak sejenis lainnya, dalam bentuk pelet maupun tidak.	Tepung kasar dan pelet lucerne (alfalfa)	1214.10.00	Sedang	3	
76.	Bahan nabati dari jenis yang terutama dipakai untuk anyam-anyaman (misalnya, bambu, rotan, buluh, kumbuh, osier, rafia, jerami serealia dibersihkan, dikelantang atau dicelup, dan kulit pohon limau).	Bambu	1401.10.00	Sedang	3	
		Rotan, utuh	1401.20.10	Sedang	3	
		Rotan, inti terbagi dengan diameter tidak melebihi 12 mm	1401.20.21	Rendah	1	
		Rotan, inti terbagi dalam kondisi lainnya	1401.20.29	Rendah	1	
		Rotan, dengan kulit terbagi	1401.20.30	Rendah	1	
		Rotan, lain-lain	1401.20.90	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Jenis yang terutama dipakai untuk anyam-anyaman lainnya	1401.90.00	Rendah	1	
77.	Produk nabati lainnya	Lintar kapas	1404.20.00	Rendah	1	
		Produk nabati yang digunakan terutama pada penyamakan atau pencelupan	1404.90.20	Rendah	1	
		Kapuk	1404.90.30	Rendah	1	
		Cangkang kernel kelapa sawit	1404.90.91	Sedang	3	
		Tandan buah kosong dari kelapa sawit	1404.90.92	Sedang	3	
		Produk nabati lainnya	1404.90.99	Sedang	3	
78.	Minyak kelapa sawit dan fraksinya, dimurnikan maupun tidak, tetapi tidak dimodifikasi secara kimia	Minyak mentah	1511.10.00	Rendah	1	Dikecualikan untuk pemasukan dan pengeluaran antar area dalam wilayah Indonesia
79.	Gula tebu atau gula bit dan sukrosa murni kimiawi, dalam bentuk padat	Gula bit, kasar tidak mengandung tambahan bahan perasa atau pewarna	1701.12.00	Rendah	1	Dikecualikan untuk pemasukan dan pengeluaran antar area dalam
		Gula tebu, kasar tidak mengandung tambahan bahan perasa atau pewarna	1701.13.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Gula tebu lainnya, kasar tidak mengandung tambahan bahan perasa atau pewarna	1701.14.00	Rendah	1	wilayah Indonesia
		Gula lainnya, mengandung tambahan bahan perasa atau pewarna	1701.91.00	Rendah	1	
		Gula dimurnikan	1701.99.10	Rendah	1	
		Gula lainnya dan sukrosa, lain-lain	1701.99.90	Rendah	1	
80.	Biji kakao, utuh atau pecah, mentah atau digongseng	Biji kakao, difermentasi	1801.00.10	Rendah	1	
		Biji kakao, lain-lain	1801.00.90	Sedang	3	
81.	Kulit, sekam, selaput dan sisa kakao lainnya	-	1802.00.00	Sedang	3	
82.	Ragi (aktif atau tidak aktif); mikro-organisme bersel tunggal lainnya; bubuk pengembang roti	Ragi aktif	2102.10.00	Rendah	1	Termasuk mikroorganisme dalam keadaan hidup, untuk tujuan budidaya dan perlindungan tanaman, serta untuk pengolahan hasil pertanian, industri pangan,

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						kesehatan, dan lingkungan yang dimasukkan ke dalam wilayah Indonesia
		Ragi tidak aktif; mikro-organisme bersel tunggal lainnya, mati ataupun mikroorganisme bentuk lainnya	2102.20.90	Rendah	1	Termasuk mikroorganisme dalam keadaan hidup, untuk tujuan budidaya dan perlindungan tanaman, serta untuk pengolahan hasil pertanian, industri pangan, kesehatan, dan lingkungan yang dimasukkan ke dalam wilayah Indonesia
83.	Sekam, dedak dan residu lainnya, berbentuk pelet maupun tidak, berasal dari pengayakan, penggilingan atau	Dari jagung	2302.10.00	Sedang	3	
		Dari gandum sekam dan pollard	2302.30.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	pengerjaan lainnya dari serealialia atau dari tanaman polongan	Dari gandum bentuk lainnya	2302.30.90	Sedang	3	
		Dari beras	2302.40.10	Sedang	3	
		Dari serealialia lainnya	2302.40.90	Sedang	3	
		Dari tanaman polongan	2302.50.00	Sedang	3	
84.	Residu dari pembuatan pati dan residu semacam itu, pulp bit, ampas tebu dan sisa lainnya dari pembuatan gula, endapan dan sisa pembuatan bir atau penyulingan, berbentuk pelet maupun tidak	Residu dari pembuatan pati dan residu semacamnya dari ubi kayu (cassava) atau sagu	2303.10.10	Rendah	1	
		Residu dari pembuatan pati dan residu semacam dari jenis lainnya	2303.10.90	Rendah	1	
		Pulp bit, ampas tebu dan sisa lainnya dari pembuatan gula	2303.20.00	Rendah	1	
		Endapan dan sisa dari pembuatan bir atau penyulingan	2303.30.00	Rendah	1	
85.	Bungkil dan residu padat lainnya, ditumbuk maupun tidak atau berbentuk pelet, hasil dari ekstraksi minyak kacang kedelai	Tepung kedelai yang dihilangkan lemaknya, layak untuk konsumsi manusia	2304.00.10	Rendah	1	
		Tepung kasar dari kacang kedelai, layak untuk dikonsumsi manusia	2304.00.21	Rendah	1	
		Tepung kasar dari kacang kedelai, lain-lain	2304.00.29	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Bungkil dan residu padat lainnya dari kacang kedelai	2304.00.90	Rendah	1	
86.	Bungkil dan residu padat lainnya, ditumbuk maupun tidak atau berbentuk pelet, hasil dari ekstraksi minyak kacang tanah	-	2305.00.00	Rendah	1	
87.	Bungkil dan residu padat lainnya, ditumbuk maupun tidak atau berbentuk pelet, hasil dari ekstraksi lemak atau minyak nabati atau mikroba	Dari biji kapas	2306.10.00	Rendah	1	
		Dari biji rami	2306.20.00	Rendah	1	
		Dari biji bunga matahari	2306.30.00	Rendah	1	
		Dari biji lobak yang mengandung asam erusat rendah	2306.41.10	Rendah	1	
		Dari biji colza yang mengandung asam erusat rendah	2306.41.20	Rendah	1	
		Dari biji lobak lainnya	2306.49.10	Rendah	1	
		Dari biji colza lainnya	2306.49.20	Rendah	1	
		Dari kelapa atau kopra	2306.50.00	Rendah	1	
		Dari biji atau kernel kelapa sawit, ditumbuk atau dalam bentuk pelet	2306.60.10	Rendah	1	
Dari biji atau kernel kelapa sawit, lain-lain	2306.60.90	Rendah	1			

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari jagung	2306.90.10	Rendah	1	
		Dari bahan nabati lainnya	2306.90.90	Rendah	1	
88.	Bahan nabati dan sisa nabati, residu nabati dan hasil sampingannya, dalam bentuk pelet maupun tidak, dari jenis yang digunakan untuk makanan hewan	-	2308.00.00	Rendah	1	
89.	Tembakau belum dipabrikasi; sisa tembakau	Tembakau, tidak bertangkai/bertulang daun, jenis Virginia, diolah dengan udara panas	2401.10.10	Sedang	3	
		Tembakau, tidak bertangkai/bertulang daun, jenis Virginia, selain yang diolah dengan udara panas	2401.10.20	Sedang	3	
		Tembakau, tidak bertangkai/bertulang daun jenis Burley	2401.10.40	Sedang	3	
		Tembakau, tidak bertangkai/bertulang daun, jenis lainnya, diolah dengan udara panas	2401.10.50	Sedang	3	
		Tembakau, tidak bertangkai/bertulang daun, lain-lain	2401.10.90	Sedang	3	
		Tembakau, bertangkai/bertulang daun	2401.20.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		sebagian atau seluruhnya, jenis Virginia, diolah dengan udara panas				
		Tembakau, bertangkai/bertulang daun sebagian atau seluruhnya, jenis Virginia, selain yang diolah dengan udara panas	2401.20.20	Sedang	3	
		Tembakau, bertangkai/bertulang daun sebagian atau seluruhnya, jenis Oriental	2401.20.30	Sedang	3	
		Tembakau, bertangkai/bertulang daun sebagian atau seluruhnya, jenis Burley	2401.20.40	Sedang	3	
		Tembakau, bertangkai/bertulang daun sebagian atau seluruhnya, jenis lainnya, diolah dengan udara panas	2401.20.50	Sedang	3	
		Tembakau, bertangkai/bertulang daun sebagian atau seluruhnya, lain-lain	2401.20.90	Sedang	3	
		Sisa tembakau, batang tembakau	2401.30.10	Sedang	3	
		Sisa tembakau, lain-lain	2401.30.90	Sedang	3	
90.	Cerutu, cheroot, cerutu kecil dan sigaret, dari tembakau atau pengganti tembakau	Cerutu, cheroot dan cerutu kecil, mengandung tembakau	2402.10.00	Rendah	1	Tidak dalam bentuk kemasan untuk penjualan eceran
		Cerutu, cheroot dan cerutu kecil dari	2402.90.10	Rendah	1	Berasal dari jenis

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		pengganti tembakau				produk tumbuhan lainnya dan tidak dalam bentuk kemasan untuk penjualan eceran
91.	Gambut (termasuk serasah gambut), diaglomerasi maupun tidak	Gambut, dipadatkan menjadi bentuk bal maupun tidak, tetapi tidak diaglomerasi	2703.00.10	Tinggi	21	
		Gambut diaglomerasi	2703.00.20	Tinggi	21	
92.	Pupuk hewani atau nabati, dicampur bersama atau diolah secara kimia maupun tidak; pupuk yang dihasilkan dari pencampuran atau pengolahan secara kimia produk hewani atau nabati	Semata-mata berasal dari nabati	3101.00.10	Sedang	3	Termasuk kompos dan sejenisnya
93.	Kayu bakar, berbentuk log, billet, ranting, ikatan cabang atau bentuk semacam itu; kayu dalam bentuk keping atau pecahan kayu; serbuk gergaji dan sisa serta skrap kayu, diaglomerasi maupun tidak berbentuk log, briket, pelet atau bentuk semacam	Kayu bakar, berbentuk log, billet, ranting, ikatan atau cabang atau dalam bentuk semacam itu, pohon jenis konifera	4401.11.00	Sedang	3	
		Kayu bakar, berbentuk log, billet, ranting, ikatan atau cabang atau dalam bentuk semacam itu, pohon selain jenis konifera	4401.12.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	itu	Kayu dalam bentuk keping atau pecahan, pohon jenis konifera	4401.21.00	Sedang	3	
		Kayu dalam bentuk keping atau pecahan, pohon selain jenis konifera	4401.22.00	Sedang	3	
		Pelet kayu	4401.31.00	Sedang	3	
		Briket kayu	4401.32.00	Sedang	3	
		Serbuk gergaji dan sisa serta skrap kayu, diaglomerasi dalam bentuk lainnya	4401.39.00	Sedang	3	
		Serbuk gergaji	4401.41.00	Sedang	3	
		Serbuk gergaji dan sisa serta skrap kayu, tidak diaglomerasi dalam bentuk lainnya	4401.49.00	Sedang	3	
94.	Kayu kasar, dihilangkan kulit atau kayu gubalnya maupun tidak, atau dibentuk bujur sangkar secara kasar	Baulk, sawlog dan veneer log, dari pohon jenis konifera yang diawetkan dengan cat, zat warna, kreosot atau bahan pengawet lainnya	4403.11.10	Sedang	3	
		Bentuk lainnya, dari pohon jenis konifera yang diawetkan dengan cat, zat warna, kreosot atau bahan pengawet lainnya	4403.11.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari pohon selain jenis konifera yang diawetkan dengan cat, zat warna, kreosot atau bahan	4403.12.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		pengawet lainnya				
		Bentuk lainnya, dari pohon selain jenis konifera yang diawetkan dengan cat, zat warna, kreosot atau bahan pengawet lainnya	4403.12.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari pinus (<i>Pinus spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain.	4403.21.10	Sedang	3	
		Bentuk lainnya, dari pinus (<i>Pinus spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain.	4403.21.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari pinus (<i>Pinus spp.</i>) yang diproses dengan cara lain.	4403.22.10	Sedang	3	
		Bentuk lainnya, dari pinus (<i>Pinus spp.</i>) yang diproses dengan cara lain.	4403.22.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses	4403.23.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		dengan cara lain				
		Bentuk lainnya, dari fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain	4403.23.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>) yang diproses dengan cara lain	4403.24.10	Sedang	3	
		Bentuk lainnya, dari fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>) yang diproses dengan cara lain	4403.24.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari jenis pohon konifer lainnya dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain	4403.25.10	Sedang	3	
		Bentuk lainnya, dari jenis pohon konifer lainnya dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain	4403.25.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari jenis pohon konifer lainnya yang diproses	4403.26.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		dengan cara lain				
		Bentuk lainnya, dari jenis pohon konifer lainnya yang diproses dengan cara lain	4403.26.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari meranti merah tua, meranti merah muda dan meranti bakau yang diproses dengan cara lain	4403.41.10	Sedang	3	
		Bentuk lainnya, dari meranti merah tua, meranti merah muda dan meranti bakau yang diproses dengan cara lain	4403.41.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari jati yang diproses dengan cara lain	4403.42.10	Sedang	3	
		Bentuk lainnya, dari jati yang diproses dengan cara lain	4403.42.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari kayu tropis lainnya yang diproses dengan cara lain	4403.49.10	Sedang	3	
		Bentuk lainnya, dari kayu tropis lainnya yang diproses dengan cara lain	4403.49.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari ek (<i>Quercus spp.</i>) yang diproses dengan cara	4403.91.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		lain				
		Bentuk lainnya, dari ek (<i>Quercus spp.</i>) yang diproses dengan cara lain	4403.91.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari beech (<i>Fagus spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain	4403.93.10	Sedang	3	
		Bentuk lainnya, dari beech (<i>Fagus spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain	4403.93.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari beech (<i>Fagus spp.</i>) yang diproses dengan cara lain	4403.94.10	Sedang	3	
		Bentuk lainnya, dari beech (<i>Fagus spp.</i>) yang diproses dengan cara lain	4403.94.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari birch (<i>Betula spp.</i>), dengan ukuran penampang silang terkecil berukuran 15 cm atau lebih yang diproses dengan cara lain	4403.95.10	Sedang	3	
		Bentuk lainnya, dari birch (<i>Betula spp.</i>), dengan ukuran penampang silang terkecil	4403.95.90	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		berukuran 15 cm atau lebih yang diproses dengan cara lain				
		Baulk, sawlog dan veneer log, dari birch (<i>Betula spp.</i>) yang diproses dengan cara lain	4403.96.10	Sedang	3	
		Bentuk lainnya, dari birch (<i>Betula spp.</i>) yang diproses dengan cara lain	4403.96.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari poplar dan aspen (<i>Populus spp.</i>) yang diproses dengan cara lain	4403.97.10	Sedang	3	
		Bentuk lainnya, dari poplar dan aspen (<i>Populus spp.</i>) yang diproses dengan cara lain	4403.97.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari kayu putih (<i>Eucalyptus spp.</i>) yang diproses dengan cara lain	4403.98.10	Sedang	3	
		Bentuk lainnya, dari kayu putih (<i>Eucalyptus spp.</i>) yang diproses dengan cara lain	4403.98.90	Sedang	3	
		Baulk, sawlog dan veneer log, dari kayu jenis lainnya yang diproses dengan cara lain	4403.99.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Bentuk lainnya, dari kayu jenis lainnya yang diproses dengan cara lain	4403.99.90	Sedang	3	
95.	Kayu simpai; galah belahan; piles, tiang pancang dan tonggak dari kayu, runcing tetapi tidak digergaji memanjang; tongkat kayu, dipotong secara kasar tetapi tidak dibubut, dibengkokkan atau dikerjakan secara lain, cocok untuk pembuatan tongkat jalan, payung, gagang perkakas atau sejenisnya; kepingan kayu dan sejenisnya	Pohon jenis konifera	4404.10.00	Sedang	3	
		Kepingan kayu, dari pohon selain jenis konifera	4404.20.10	Sedang	3	
		Bentuk lainnya, dari pohon selain jenis konifera	4404.20.90	Sedang	3	
96.	Wol kayu; tepung kayu	Wol kayu	4405.00.10	Rendah	1	
		Tepung kayu	4405.00.20	Rendah	1	
97.	Bantalan (cross-tie) rel kereta api atau trem dari kayu	Dari pohon jenis konifera, tidak diresapi	4406.11.00	Sedang	3	
		Dari pohon selain jenis konifera, tidak diresapi	4406.12.00	Sedang	3	
		Dari pohon jenis konifera, lain-lain	4406.91.00	Sedang	3	
		Dari pohon selain jenis konifera, lain-lain	4406.92.00	Sedang	3	
98.	Kayu digergaji atau dibelah memanjang, diiris atau dikuliti,	Dari pinus (<i>Pinus spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.11.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	diketam, diampelas atau end-jointed maupun tidak, dengan ketebalan melebihi 6 mm	Dari pinus (<i>Pinus spp.</i>), lain-lain	4407.11.90	Sedang	3	
		Dari fir (<i>Abies spp.</i>) dan spruce (<i>Picea spp.</i>)	4407.12.00	Sedang	3	
		Dari S-P-F (spruce (<i>Picea spp.</i>), pine (<i>Pinus spp.</i>) dan fir (<i>Abies spp.</i>))	4407.13.00	Sedang	3	
		Dari Hem-fir (Western hemlock (<i>Tsuga heterophylla</i>) dan fir (<i>Abies spp.</i>))	4407.14.00	Sedang	3	
		Dari kayu jenis konifer lain, digergaji memanjang, tidak dikerjakan lebih lanjut	4407.19.10	Sedang	3	
		Dari kayu jenis konifer lain, lain-lain	4407.19.90	Sedang	3	
		Dari Mahogani (<i>Swietenia spp.</i>), diketam, diampelas atau end-jointed	4407.21.10	Sedang	3	
		Dari Mahogani (<i>Swietenia spp.</i>), lain-lain	4407.21.90	Sedang	3	
		Dari Virola, Imbuia dan Balsa, diketam, diampelas atau end-jointed	4407.22.10	Sedang	3	
		Dari Virola, Imbuia dan Balsa, lain-lain	4407.22.90	Sedang	3	
		Dari jati, digergaji memanjang, tidak dikerjakan lebih lanjut	4407.23.10	Sedang	3	
Dari jati, diketam, diampelas atau end-jointed	4407.23.20	Sedang	3			

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari jati, lain-lain	4407.23.90	Sedang	3	
		Dari meranti merah tua atau meranti merah muda, digergaji memanjang, tidak dikerjakan lebih lanjut	4407.25.12	Sedang	3	
		Dari meranti merah tua atau meranti merah muda, diketam, diampelas atau end-jointed	4407.25.13	Sedang	3	
		Dari meranti merah tua atau meranti merah muda, lain-lain	4407.25.19	Sedang	3	
		Dari meranti bakau, diketam, diampelas atau end-jointed	4407.25.21	Sedang	3	
		Dari meranti bakau, lain-lain	4407.25.29	Sedang	3	
		Dari lauan putih, meranti putih, seraya putih, meranti kuning dan alan, digergaji memanjang, tidak dikerjakan lebih lanjut	4407.26.20	Sedang	3	
		Dari lauan putih, meranti putih, seraya putih, meranti kuning dan alan, diketam, diampelas atau end-jointed	4407.26.30	Sedang	3	
		Dari lauan putih, meranti putih, seraya putih, meranti kuning dan alan, lain-lain	4407.26.90	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari sapelli, digergaji memanjang, tidak dikerjakan lebih lanjut	4407.27.20	Sedang	3	
		Dari sapelli, diketam, diampelas atau end-jointed	4407.27.30	Sedang	3	
		Dari sapelli, lain-lain	4407.27.90	Sedang	3	
		Dari iroko, diketam, diampelas atau end-jointed	4407.28.10	Sedang	3	
		Dari iroko, lain-lain	4407.28.90	Sedang	3	
		Dari jelutung (<i>Dyera spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.29.12	Sedang	3	
		Dari jelutung (<i>Dyera spp.</i>), diketam, diampelas atau end-jointed	4407.29.13	Sedang	3	
		Dari jelutung (<i>Dyera spp.</i>), lain-lain	4407.29.19	Sedang	3	
		Dari kapur (<i>Dryobalanops spp.</i>) digergaji memanjang, tidak dikerjakan lebih lanjut	4407.29.22	Sedang	3	
		Dari kapur (<i>Dryobalanops spp.</i>), diketam, diampelas atau end-jointed	4407.29.23	Sedang	3	
		Dari kapur (<i>Dryobalanops spp.</i>), lain-lain	4407.29.29	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari kempas (<i>Koompassia spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.29.32	Sedang	3	
		Dari kempas (<i>Koompassia spp.</i>), diketam, diampelas atau end-jointed	4407.29.33	Sedang	3	
		Dari kempas (<i>Koompassia spp.</i>), lain-lain	4407.29.39	Sedang	3	
		Dari keruing (<i>Dipterocarpus spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.29.42	Sedang	3	
		Dari keruing (<i>Dipterocarpus spp.</i>), diketam, diampelas atau end-jointed	4407.29.43	Sedang	3	
		Dari keruing (<i>Dipterocarpus spp.</i>), lain-lain	4407.29.49	Sedang	3	
		Dari ramin (<i>Gonystylus spp.</i>), diketam, diampelas atau end-jointed	4407.29.51	Sedang	3	
		Dari ramin (<i>Gonystylus spp.</i>), lain-lain	4407.29.59	Sedang	3	
		Dari balau (<i>Shorea spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.29.72	Sedang	3	
		Dari balau (<i>Shorea spp.</i>), diketam, diampelas atau end-jointed	4407.29.73	Sedang	3	
		Dari balau (<i>Shorea spp.</i>), lain-lain	4407.29.79	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari mengkulang (<i>Heritiera spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.29.82	Sedang	3	
		Dari mengkulang (<i>Heritiera spp.</i>), diketam, diampelas atau end-jointed	4407.29.83	Sedang	3	
		Dari mengkulang (<i>Heritiera spp.</i>), lain-lain	4407.29.89	Sedang	3	
		Dari jongkong (<i>Dactylocladus spp.</i>) dan merbau (<i>Intsia spp.</i>), diketam, diampelas atau end-jointed	4407.29.91	Sedang	3	
		Dari jongkong (<i>Dactylocladus spp.</i>) dan merbau (<i>Intsia spp.</i>), lain-lain	4407.29.92	Sedang	3	
		Dari albizia (<i>Paraserianthes falcataria</i>), diketam, diampelas atau end-jointed	4407.29.94	Sedang	3	
		Dari albizia (<i>Paraserianthes falcataria</i>), lain-lain	4407.29.95	Sedang	3	
		Dari karet (<i>Hevea Brasiliensis</i>), diketam, diampelas atau end-jointed	4407.29.96	Sedang	3	
		Dari karet (<i>Hevea Brasiliensis</i>), lain-lain	4407.29.97	Sedang	3	
		Dari kayu tropis lainnya, diketam, diampelas atau end-jointed	4407.29.98	Sedang	3	
		Dari kayu tropis lainnya, lain-lain	4407.29.99	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari ek (<i>Quercus spp.</i>), digergaji memanjang, tidak dikerjakan lebih lanjut	4407.91.20	Sedang	3	
		Dari ek (<i>Quercus spp.</i>), diketam, diampelas atau end-jointed	4407.91.30	Sedang	3	
		Dari ek (<i>Quercus spp.</i>), lain-lain	4407.91.90	Sedang	3	
		Dari beech (<i>Fagus spp.</i>), diketam, diampelas atau end-jointed	4407.92.10	Sedang	3	
		Dari beech (<i>Fagus spp.</i>), lain-lain	4407.92.90	Sedang	3	
		Dari maple (<i>Acer spp.</i>), diketam, diampelas atau end-jointed	4407.93.10	Sedang	3	
		Dari maple (<i>Acer spp.</i>), lain-lain	4407.93.90	Sedang	3	
		Dari cherry (<i>Prunus spp.</i>), diketam, diampelas atau end-jointed	4407.94.10	Sedang	3	
		Dari cherry (<i>Prunus spp.</i>), lain-lain	4407.94.90	Sedang	3	
		Dari ash (<i>Fraxinus spp.</i>), diketam, diampelas atau end-jointed	4407.95.10	Sedang	3	
		Dari ash (<i>Fraxinus spp.</i>), lain-lain	4407.95.90	Sedang	3	
		Dari birch (<i>Betula spp.</i>), diketam, diampelas atau end-jointed	4407.96.10	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Dari birch (<i>Betula spp.</i>), lain-lain	4407.96.90	Sedang	3	
		Dari poplar dan aspen (<i>Populus spp.</i>), diketam, diampelas atau end-jointed	4407.97.10	Sedang	3	
		Dari poplar dan aspen (<i>Populus spp.</i>), lain-lain	4407.97.90	Sedang	3	
		Dari kayu jenis lainnya, diketam, diampelas atau end-jointed	4407.99.10	Sedang	3	
		Dari kayu jenis lainnya, lain-lain	4407.99.90	Sedang	3	
99.	Kayu (termasuk strip dan frieze untuk lantai papan, tidak dipasang) dibentuk tidak terputus (diberi lidah, diberi alur, tepinya dikorok, diberi lereng, V-jointed, beaded, diberi pola bentukan, dibundarkan atau sejenis itu), sepanjang tepi, ujung atau permukaannya, diketam, diampelas atau end-jointed maupun tidak	Dari pohon jenis konifera	4409.10.00	Sedang	3	
		Dari bambu	4409.21.00	Sedang	3	
		Dari kayu tropis	4409.22.00	Sedang	3	
		Dari pohon selain jenis konifera	4409.29.00	Sedang	3	
100.	Peti, kotak, krat, drum dan pengemas semacam itu, dari kayu; gelendong kabel dari kayu; palet, palet kotak dan papan untuk muatan lainnya, dari kayu; kerah palet dari kayu	Peti, kotak, krat, drum dan pengemas yang semacam itu; gelendong kabel	4415.10.00	Sedang	3	
		Palet, palet kotak dan papan untuk muatan lainnya; kerah palet	4415.20.00	Sedang	3	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
101.	Tahang, tong, bejana, pasu dan produk lainnya dari pembuat tong /pasu dan bagiannya, dari kayu, termasuk stave	Stave	4416.00.10	Sedang	3	
		Bentuk lainnya	4416.00.90	Sedang	3	
102.	Produk pertukangan dan bahan bangunan rumah dari kayu, termasuk panel kayu seluler, rakitan panel penutup lantai, atap sirap dan shake	Jendela, jendela Prancis dan kusennya, dari kayu tropis	4418.11.00	Rendah	1	
		Jendela, jendela Prancis dan kusennya, dari jenis kayu lain	4418.19.00	Rendah	1	
		Pintu dan kusennya serta ambang pintu, dari kayu tropis	4418.21.00	Rendah	1	
		Pintu dan kusennya serta ambang pintu, dari jenis kayu lain	4418.29.00	Rendah	1	
		Post dan beam	4418.30.00	Rendah	1	
		Penutup untuk pekerjaan konstruksi beton	4418.40.00	Rendah	1	
		Atap sirap dan shake	4418.50.00	Rendah	1	
		Rakitan panel penutup lantai, dari bambu atau paling tidak lapisan atasnya (wear layer) dari bambu untuk lantai mosaik	4418.73.10	Rendah	1	
		Rakitan panel penutup lantai dari bambu atau paling tidak lapisan atasnya (wear	4418.73.20	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		layer) dari bambu, multilayer dari bambu				
		Rakitan panel penutup lantai, dari bambu atau paling tidak lapisan atasnya (wear layer) dari bambu, lain-lain	4418.73.90	Rendah	1	
		Rakitan panel penutup lantai, dari jenis kayu lainnya untuk lantai mosaik	4418.74.00	Rendah	1	
		Rakitan panel penutup lantai, dari jenis kayu lainnya, multilayer	4418.75.00	Rendah	1	
		Rakitan panel penutup lantai, dari jenis kayu lainnya, lain-lain	4418.79.00	Rendah	1	
		Produk engineered structural timber, glue-laminated timber (glulam), dalam bentuk blok	4418.81.10	Rendah	1	
		Produk engineered structural timber, glue-laminated timber (glulam), lain-lain	4418.81.90	Rendah	1	
		Cross-laminated timber (CLT or X-lam)	4418.82.00	Rendah	1	
		I beams	4418.83.00	Rendah	1	
		Produk engineered structural timber bentuk lainnya	4418.89.00	Rendah	1	
		Produk kayu lainnya, dari bambu	4418.91.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Panel kayu seluler	4418.92.00	Rendah	1	
		Produk kayu lainnya, lain-lain	4418.99.00	Rendah	1	
103.	Perangkat makan dan perangkat dapur, dari kayu	Papan roti, talenan dan papan semacam itu, dari bambu	4419.11.00	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Lain-lain, dari bambu	4419.19.00	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Perangkat makan dan perangkat dapur, dari kayu tropis	4419.20.00	Rendah	1	Berasal dari bahan kayu yang belum mengalami

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Perangkat makan dan perangkat dapur, dari kayu jenis lainnya	4419.90.00	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
104.	Tatakan kayu dan kayu bertatah; kotak dan peti untuk perhiasan atau peralatan makan dan barang semacam itu, dari kayu; patung kecil dan ornamen lainnya, dari kayu; perabotan dari kayu	Patung kecil dan ornamen lainnya, dari kayu tropis	4420.11.00	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Patung kecil dan ornamen lainnya, dari	4420.19.00	Rendah	1	Berasal dari

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		jenis kayu lainnya				bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Perabotan dari kayu	4420.90.10	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Tatakan kayu dan kayu bertatah kotak dan barang lainnya dari kayu	4420.90.90	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						tekanan tinggi)
105.	Barang lainnya dari kayu	Dari bambu	4421.91.90	Rendah	1	Berasal dari bahan bambu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan)
		Pasak atau paku kayu untuk alas kaki	4421.99.30	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau penggunaan tekanan tinggi)
		Barang lainnya :	4421.99.99	Rendah	1	Berasal dari bahan kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, atau

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						penggunaan tekanan tinggi)
106.	Gabus alam, mentah atau diolah sederhana; gabus sisa; gabus pecahan, butiran atau gilingan	Gabus alam, mentah atau diolah sederhana	4501.10.00	Rendah	1	
		Gabus sisa, gabus pecahan, butiran atau gilingan	4501.90.00	Rendah	1	
107.	Anyaman dan produk semacam itu dari bahan anyaman, strip maupun tidak; bahan anyaman, anyaman dan produk semacam itu dari bahan anyaman, diikat bersama menjadi untaian atau tenunan sejajar, dalam bentuk lembaran, merupakan barang jadi maupun tidak (misalnya, mat, matting, tirai)	Mat, matting dan tirai, dari bambu	4601.21.00	Rendah	1	
		Mat, matting dan tirai, dari rotan	4601.22.00	Rendah	1	
		Mat, matting dan tirai, dari bahan lain	4601.29.00	Rendah	1	
		Anyaman dan produk semacam itu dari bahan anyaman, dirakit menjadi strip maupun tidak, dari bambu	4601.92.10	Rendah	1	
		Kipas dan handscreen, bingkai dan gagangnya, dan bagiannya, dari bambu	4601.92.20	Rendah	1	
		Produk bentuk lain, dari bambu	4601.92.90	Rendah	1	
		Anyaman dan produk semacam itu dari bahan anyaman, dirakit menjadi strip maupun tidak, dari rotan	4601.93.10	Rendah	1	
		Kipas dan handscreen, bingkai dan gagangnya, dan bagiannya, dari rotan	4601.93.20	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Produk bentuk lain, dari rotan	4601.93.90	Rendah	1	
		Anyaman dan produk semacam itu dari bahan anyaman, dirakit menjadi strip maupun tidak, dari bahan nabati lainnya	4601.94.10	Rendah	1	
		Kipas dan handscreen, bingkai dan gagangnya, dan bagiannya, dari bahan nabati lainnya	4601.94.20	Rendah	1	
		Produk bentuk lain, dari bahan nabati lainnya	4601.94.90	Rendah	1	
		Mat dan matting, lain-lain	4601.99.10	Rendah	1	
		Anyaman dan produk semacam itu dari bahan anyaman, strip maupun tidak, lain-lain	4601.99.20	Rendah	1	
		Kipas dan handscreen, bingkai dan gagangnya, dan bagiannya, lain-lain	4601.99.30	Rendah	1	
		Produk bentuk lain, lain-lain	4601.99.90	Rendah	1	
108.	Keranjang, barang anyaman dan barang lainnya, dibuat secara langsung menjadi berbentuk dari bahan anyaman; barang dari loofah.	Tas untuk bepergian dan koper, dari bambu	4602.11.10	Rendah	1	
		Amplop untuk botol, dari bambu	4602.11.20	Rendah	1	
		Barang lainnya, dari bambu	4602.11.90	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Tas untuk bepergian dan koper, dari rotan	4602.12.10	Rendah	1	
		Amplop untuk botol, dari rotan	4602.12.20	Rendah	1	
		Barang lainnya, dari rotan	4602.12.90	Rendah	1	
		Tas untuk bepergian dan koper, dari bahan tumbuhan lainnya	4602.19.10	Rendah	1	
		Amplop untuk botol, dari bahan tumbuhan lainnya	4602.19.20	Rendah	1	
		Lain-lain, dari bahan tumbuhan lainnya	4602.19.90	Rendah	1	
109.	Kapas, tidak digaruk atau disisir.	-	5201.00.00	Sedang	3	
110.	Sisa kapas (termasuk sisa benang dan garnetted stock).	Sisa benang (termasuk sisa benang pintal)	5202.10.00	Rendah	1	
		Garnetted stock	5202.91.00	Rendah	1	
		Sisa kapas, bentuk lain	5202.99.00	Rendah	1	
111.	Kapas, digaruk atau disisir	-	5203.00.00	Rendah	1	
112.	Lena, mentah atau sudah dikerjakan tetapi tidak dipintal; tow lena dan sisa lena (termasuk sisa benang dan garnetted stock).	Lena, mentah atau dibusukkan	5301.10.00	Rendah	1	
		Lena, pecahan atau dipisahkan bagian berkayunya, dibersihkan dengan sisir besi atau diproses secara lain, tetapi tidak dipintal	5301.21.00	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
		Lena, lain-lain	5301.29.00	Rendah	1	
		Tow lena atau sisa lena	5301.30.00	Rendah	1	
113.	True hemp (<i>Cannabis sativa L.</i>), mentah atau diolah tetapi tidak dipintal; tow dan sisa dari true hemp (termasuk sisa benang dan garnetted stock)	True hemp, mentah atau dibusukkan	5302.10.00	Rendah	1	
		True hemp, lain-lain	5302.90.00	Rendah	1	
114.	Serat jute dan serat tekstil kulit pohon lainnya (tidak termasuk lena, true hemp dan rami), mentah atau diolah tetapi tidak dipintal; tow dan sisa dari serat tersebut (termasuk sisa benang dan garnetted stock)	Serat jute dan serat tekstil kulit pohon lainnya, mentah atau dibusukkan	5303.10.00	Rendah	1	
		Serat jute dan serat tekstil kulit pohon lainnya, lain-lain	5303.90.00	Rendah	1	
115.	Serat kelapa, abaca (serat pisang manila atau <i>Musa textilis Nee</i>), rami dan serat tekstil nabati lainnya, tidak dirinci atau termasuk dalam pos manapun, mentah atau dikerjakan tetapi tidak dipintal; tow, noil dan sisa dari serat itu (termasuk sisa benang dan garnetted stock)	Sisal dan serat tekstil lainnya dari genus Agave; tow dan sisa dari serat ini (termasuk limbah benang dan garnetted stock)	5305.00.10	Rendah	1	
		Serat kelapa (coir), mentah	5305.00.21	Rendah	1	
		Serat kelapa lainnya	5305.00.22	Rendah	1	
		Serat abaca	5305.00.23	Rendah	1	
		Serat dan bentuk lainnya	5305.00.90	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
116.	Kantong dan karung, dari jenis yang digunakan untuk membungkus barang	Dari serat jute, kondisi baru	6305.10.11	Rendah	1	
		serat tekstil kulit pohon lainnya, kondisi baru	6305.10.19	Rendah	1	
		Dari serat jute, kondisi bekas	6305.10.21	Sedang	3	
		Dari serat jute atau serat tekstil kulit pohon lainnya, lain-lain, kondisi bekas	6305.10.29	Sedang	3	
		Dari kapas	6305.20.00	Sedang	3	
117.	Tempat duduk, dapat diubah menjadi tempat tidur maupun tidak, dan bagiannya	Tempat duduk berputar yang dapat diatur tingginya, dari kayu	9401.31.00	Rendah	1	Berasal dari bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan atau penggunaan tekanan tinggi)
		Tempat duduk selain dari tempat duduk taman atau perlengkapan perkemahan, dapat diubah menjadi tempat tidur, dari kayu	9401.41.00	Rendah	1	Berasal dari bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						lanjut (misalnya pemanasan atau penggunaan tekanan tinggi)
		Tempat duduk, dari bambu	9401.52.00	Rendah	1	Berasal dari bahan bambu yang belum mengalami pemrosesan lebih lanjut (misalnya pengeringan atau pengawetan)
		Tempat duduk, dari rotan	9401.53.00	Rendah	1	Berasal dari bahan rotan yang belum mengalami pemrosesan lebih lanjut (misalnya pengeringan atau pewarnaan)
		Tempat duduk, dari tanaman beruas lainnya	9401.59.00	Rendah	1	Berasal dari bahan tumbuhan lainnya yang

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						belum mengalami pemrosesan lebih lanjut (misalnya pemanasan atau penggunaan tekanan tinggi)
		Tempat duduk lainnya, dengan rangka kayu, dengan sandaran dan/atau dudukan yang terbuat dari rotan	9401.69.10	Rendah	1	Berasal dari bahan kayu atau rotan yang belum mengalami pemrosesan lebih lanjut.
118.	Perabotan lain dan bagiannya	Perabotan kayu dari jenis yang dari jenis digunakan di kantor	9403.30.00	Rendah	1	Berasal dari bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, penempelan, atau penggunaan

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						tekanan tinggi)
		Perabotan kayu dari jenis yang digunakan di dapur	9403.40.00	Rendah	1	Berasal dari bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, penempelan, atau penggunaan tekanan tinggi)
		Perabotan kayu dari jenis yang digunakan di kamar tidur	9403.50.00	Rendah	1	Berasal dari bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, penempelan, atau penggunaan tekanan tinggi)
		Perabotan kayu lainnya, lain-lain	9403.60.90	Rendah	1	Berasal dari

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, penempelan, atau penggunaan tekanan tinggi)
		Perabotan dari bambu	9403.82.00	Rendah	1	Berasal dari bahan bambu yang belum mengalami pemrosesan lebih lanjut (misalnya pengeringan atau pengawetan)
		Perabotan dari rotan	9403.83.00	Rendah	1	Berasal dari bahan rotan yang belum mengalami pemrosesan lebih lanjut (misalnya pengeringan atau

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
						pewarnaan)
		Perabotan dari tanaman beruas	9403.89.90	Rendah	1	Berasal dari bahan tumbuhan lainnya yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan atau penggunaan tekanan tinggi)
		Bagian perabotan lainnya, dari kayu	9403.91.00	Rendah	1	Berasal dari bahan non-kayu lapis atau kayu yang belum mengalami pemrosesan lebih lanjut (misalnya pemanasan, penempelan, atau penggunaan tekanan tinggi)
119.	Sapu, sikat (termasuk sikat yang	Sikat	9603.10.10	Rendah	1	

No.	Jenis Media Pembawa	Uraian	HS Code	Kategori Risiko	SLA Maksimal untuk tindakan karantina dan/atau pengawasan (hari)	Keterangan
	merupakan bagian dari mesin, peralatan atau kendaraan), penyapu lantai mekanis yang digerakkan dengan tangan, tidak bermotor, pengepel dan kemucing; simpul dan jumbai yang disiapkan untuk pembuatan sapu atau sikat; baki dan roll pengecat; penyapu air (selain roller squeegee)	Sapu	9603.10.20	Rendah	1	

D. JENIS MEDIA PEMBAWA ORGANISME PENGANGGU TUMBUHAN KARANTINA YANG DILARANG DIMASUKKAN KE DALAM WILAYAH INDONESIA

No.	Jenis Media Pembawa	Uraian	HS Code	Keterangan
1.	Tanah	Sebagai media tanam, baik yang menyertai tumbuhan maupun tidak menyertai tumbuhan	2530.90.90	Dari semua negara asal

KEPALA BADAN KARANTINA INDONESIA,



SAHAT MANAOR PANGGABEAN