



**MENTERI PERTANIAN  
REPUBLIK INDONESIA**

**PERATURAN MENTERI PERTANIAN REPUBLIK INDONESIA  
NOMOR 25 TAHUN 2020  
TENTANG  
JENIS ORGANISME PENGGANGGU TUMBUHAN KARANTINA**

**DENGAN RAHMAT TUHAN YANG MAHA ESA**

**MENTERI PERTANIAN REPUBLIK INDONESIA,**

- Menimbang :
- a. bahwa organisme pengganggu tumbuhan karantina dapat merusak, mengganggu kehidupan atau menyebabkan kematian pada tumbuhan sehingga perlu diatur mengenai jenis organisme pengganggu tumbuhan karantina;
  - b. bahwa Jenis Organisme Pengganggu Tumbuhan Karantina telah diatur dengan Peraturan Menteri Pertanian Nomor 93/Permentan/OT.140/12/2011 tentang Jenis Organisme Pengganggu Tumbuhan Karantina sebagaimana telah beberapa kali diubah, terakhir dengan Peraturan Menteri Pertanian Nomor 31/Permentan/KR.010/7/2018 tentang Perubahan Kedua atas Peraturan Menteri Pertanian Nomor 93/Permentan/OT.140/12/2011 tentang Jenis Organisme Pengganggu Tumbuhan Karantina;
  - c. bahwa berdasarkan hasil analisis risiko organisme pengganggu tumbuhan dan daerah sebarannya telah terjadi perubahan status jenis organisme pengganggu tumbuhan karantina;

- d. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a, huruf b dan huruf c, perlu menetapkan Peraturan Menteri Pertanian tentang Jenis Organisme Pengganggu Tumbuhan Karantina;

- Mengingat :
1. Pasal 17 ayat (3) Undang-Undang Dasar Negara Republik Indonesia 1945;
  2. Undang-Undang Nomor 39 Tahun 2008 tentang Kementerian Negara (Lembaran Negara Republik Indonesia Tahun 2019 Nomor 166, Tambahan Lembaran Negara Republik Indonesia Nomor 4916);
  3. Undang-Undang Nomor 21 Tahun 2019 tentang Karantina Hewan, Ikan, dan Tumbuhan (Lembaran Negara Republik Indonesia Tahun 2019 Nomor 200, Tambahan Lembaran Negara Republik Indonesia Nomor 6411);
  4. Peraturan Pemerintah Nomor 14 Tahun 2002 tentang Karantina Tumbuhan (Lembaran Negara Republik Indonesia Tahun 2002 Nomor 35, Tambahan Lembaran Negara Republik Indonesia Nomor 4196);
  5. Peraturan Presiden Nomor 45 Tahun 2015 tentang Kementerian Pertanian (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 85);
  6. Peraturan Menteri Pertanian Nomor 43/Permentan/OT.010/8/2015 tentang Organisasi dan Tata Kerja Kementerian Pertanian (Berita Negara Republik Indonesia Tahun 2015 Nomor 1243);

MEMUTUSKAN:

Menetapkan : PERATURAN MENTERI PERTANIAN TENTANG JENIS ORGANISME PENGGANGGU TUMBUHAN KARANTINA.

Pasal 1

Dalam Peraturan Menteri ini yang dimaksud dengan:

1. Tindakan Karantina Tumbuhan yang selanjutnya disebut Tindakan Karantina adalah kegiatan yang

dilakukan untuk mencegah organisme pengganggu tumbuhan karantina masuk ke dalam, tersebar dari suatu area ke area lain, dan/atau keluar dari wilayah Negara Kesatuan Republik Indonesia.

2. Organisme Pengganggu Tumbuhan Karantina yang selanjutnya disingkat OPTK adalah organisme yang dapat merusak, mengganggu kehidupan atau menyebabkan kematian tumbuhan, menimbulkan kerugian sosioekonomi serta belum terdapat di wilayah Negara Kesatuan Republik Indonesia atau sudah terdapat di sebagian wilayah Negara Kesatuan Republik Indonesia, yang ditetapkan oleh Pemerintah Pusat untuk dicegah masuknya ke dalam dan tersebarnya di dalam wilayah Negara Kesatuan Republik Indonesia.
3. Media Pembawa OPTK yang selanjutnya disebut Media Pembawa adalah tumbuhan, produk tumbuhan, pangan, pakan, produk Rekayasa Genetik (PRG), Sumber Daya Genetik (SDG), agensia hayati, jenis asing invasif, tumbuhan liar, tumbuhan langka, dan/atau media pembawa lain yang dapat membawa OPTK.

#### Pasal 2

Jenis OPTK ditetapkan berdasarkan:

- a. hasil analisis risiko organisme pengganggu tumbuhan; dan
- b. pemantauan daerah sebar dan/atau hasil surveilans, dengan memperhatikan perlindungan sumber daya alam hayati.

#### Pasal 3

Jenis OPTK sebagaimana dimaksud dalam Pasal 2 terdiri atas:

- a. kategori A1; atau
- b. kategori A2.

#### Pasal 4

Kategori sebagaimana dimaksud dalam Pasal 3 terdiri atas:

- a. golongan 1; atau
- b. golongan 2

#### Pasal 5

- (1) OPTK kategori A1 sebagaimana dimaksud dalam Pasal 3 huruf a, merupakan OPTK yang belum terdapat di wilayah Negara Kesatuan Republik Indonesia.
- (2) OPTK kategori A2 sebagaimana dimaksud dalam Pasal 3 huruf b merupakan OPTK yang sudah terdapat di sebagian wilayah Negara Kesatuan Republik Indonesia.

#### Pasal 6

- (1) OPTK golongan I sebagaimana dimaksud dalam Pasal 4 huruf a merupakan OPTK yang tidak dapat dibebaskan dari Media Pembawa.
- (2) OPTK golongan II sebagaimana dimaksud dalam Pasal 4 huruf b merupakan OPTK yang dapat dibebaskan dari Media Pembawa.

#### Pasal 7

Ketentuan mengenai analisis risiko organisme pengganggu tumbuhan, pemantauan daerah sebar dan/atau surveilans sebagaimana dimaksud dalam Pasal 2 dilaksanakan sesuai dengan ketentuan peraturan perundang-undangan.

#### Pasal 8

Dalam hal membahayakan kesehatan manusia, hewan, atau lingkungan dan/atau berdasarkan pertimbangan teknis, terhadap Media Pembawa yang terinfeksi/terinfestasi OPTK golongan II sebagaimana dimaksud dalam Pasal 6 ayat (2) tidak dilakukan perlakuan untuk membebaskan Media Pembawa dari OPTK.

Pasal 9

Jenis OPTK sebagaimana dimaksud dalam Pasal 2, tercantum dalam Lampiran yang merupakan bagian tidak terpisahkan dari Peraturan Menteri ini.

Pasal 10

Pada saat Peraturan Menteri ini mulai berlaku Peraturan Menteri Pertanian Nomor 93/Permentan/OT.140/12/2011 tentang Jenis Organisme Pengganggu Tumbuhan Karantina (Berita Negara Republik Indonesia Tahun 2012 Nomor 6) sebagaimana telah beberapa kali diubah, terakhir dengan Peraturan Menteri Pertanian Nomor 31/Permentan/KR.010/7/2018 tentang Perubahan Kedua atas Peraturan Menteri Pertanian Nomor 93/Permentan/OT.140/12/2011 tentang Jenis Organisme Pengganggu Tumbuhan Karantina (Berita Negara Republik Indonesia Tahun 2018 Nomor 954), dicabut dan dinyatakan tidak berlaku.

Pasal 11

Peraturan Menteri ini mulai berlaku pada tanggal diundangkan.

Agar setiap orang mengetahuinya, memerintahkan pengundangan Peraturan Menteri ini dengan penempatannya dalam Berita Negara Republik Indonesia.

Ditetapkan di Jakarta  
pada tanggal 16 September 2020

MENTERI PERTANIAN<sup>2</sup>  
REPUBLIK INDONESIA,



SYAHRUL YASIN LIMPO

Diundangkan di Jakarta  
pada tanggal 1 Oktober 2020

DIREKTUR JENDERAL  
PERATURAN PERUNDANG-UNDANGAN  
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA  
REPUBLIK INDONESIA,



WIDODO EKATJAHJANA

BERITA NEGARA REPUBLIK INDONESIA TAHUN 2020 NOMOR 1136

B. JENIS OPTK KATEGORI A2

1. SERANGGA (*INSECTS*)

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>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</i> <i>fabae</i> Riley, <i>Bruchus irresectus</i>, <i>Bruchus obsoletus</i> (Say), <i>Bruchus</i> <i>obtectus</i> Say, <i>Bruchus tetricus</i> Gyllenhal, <i>Laria obtectus</i> Say, <i>Larra</i> <i>irresectus</i>, <i>Mylabris obtectus</i> Say); (Coleoptera: Bruchidae); bean bruchid, American seed beetle, bean beetle, bean weevil, common bean weevil, dried bean beetle, dried bean weevil</p>	II	<p><i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Glycine max</i> (kedelai, soyabean), <i>Lathyrus sativus</i> (grasspea), <i>Phaseolus</i> <i>acutifolius</i> (teparty bean), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus</i> (beans), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i> (pea), <i>Vicia faba</i> (faba bean), <i>Vigna unguiculata</i> (kacang panjang, cowpea), <i>Zea mays</i> (jagung, corn, maize)</p>	biji (true seeds (inc. grain))	<p>Indonesia: Jawa, Sulawesi Africa: Angola, Burundi, DR Congo, Egypt, Kenya, Lesotho, Malawi, Mauritius, Morocco, Nigeria, Reunion, Rwanda, Saint Helena, Senegal, Seychelles, South Africa, Spain, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guadeloupe, Guatemala,</p>

					<p>Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, USA, Venezuela</p> <p>Asia: India, Iraq, Israel, Japan, Kazakhstan, Malaysia, Myanmar, Georgia, Kazakhstan, Malaysia, Myanmar, Tajikistan, Thailand, Turkey, Vietnam</p> <p>Europe: Albania, Armenia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Finland, France, Germany, Greece, Hungary, Italy, Kosovo, Moldova, Montenegro, North Macedonia, Netherlands, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Switzerland</p> <p>Oceania: Australia, New Zealand, Papua New Guinea</p>
2.	<i>Altha alastor</i> Tams.; (Lepidoptera: Limacodidae);	II	<i>Cocos nucifera</i> (kelapa, coconut) dan Palmae lainnya,	batang (stems, trunks,	Indonesia: Sulawesi



	ulat siput/slug caterpillar, the moth of borneo		Bombax (Malvaceae)	shoots, branches), daun (leaves), bunga (flowers, inflorescences, cones, calyx), buah (fruits)	
3.	<i>Amblypelta theobromae</i> Brown; (Hemiptera: Coreidae); coconut bug	II	<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 New Guinea
4.	<i>Atherigona soccata</i> Rondani, 1871; (Syn. <i>Atherigona indica</i> Malloch, 1923, <i>Atherigona indica</i> ssp. <i>infuscata</i> Emden, 1941, <i>Atherigona varia</i> var. <i>soccata</i> (Rondani) Hennig, 1961); (Diptera: Muscidae); sorghum shoot (stem) fly, great fly, millet stem fly, millet stem maggot	II	<i>Brachiaria reptans</i> (sprawling panicum), <i>Brachiaria brizantha</i> , <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>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>	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

			(tropical cupgrass), <i>Megathyrus maximus</i> (Guinea grass), <i>Oryza sativa</i> (padi, paddy, rice), <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 foxtai), <i>Sorghum arundinaceum</i> , <i>Sorghum bicolor</i> (sorghum, sorghum), <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)		
5.	<i>Bactrocera bryoniae</i> (Tryon); (Syn. <i>Chaetodacus bryoniae</i> ); (Diptera: Tephritidae); fruit fly	II	<i>Bryonopsis affinis</i> , <i>Capsicum frutescens</i> (cabai rawit, chilies), <i>Musa</i> spp. (pisang, banana), <i>Mangifera indica</i> (mangga,	buah (fruits (inc. pods)), media tanam (growing	Indonesia: Bali, Kalimantan, Maluku Utara, Papua Oceania: Australia,

			mango), <i>Passiflora quadrangularis</i> (markisa, granadilla, passion-fruit)	media associated with plants), tanah (soil)	French Polynesia, New Caledonia
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); banana fruit fly	II	<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, Nusa Tenggara Barat (Lombok), Sulawesi, Papua Asia: Philippines Oceania: Australia, Papua New Guinea
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)	II	<i>Achras</i> (= <i>Manilkara</i> ) <i>zapota</i> (sawo, sapodilla), <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>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</i>	II	<i>Acer palmatum</i> , <i>Adiantum</i> (japanese maple), <i>Adiantum</i>	batang (stems, shoots,	Indonesia: Jawa Africa: Mauritius, Sao

	<i>orchidii</i> , <i>Physothrips orchidii</i> , <i>Taeniothrips orchidii</i> ; (Thysanoptera: Thripidae); anthurium thrips, orchid thrips		(maidenhair ferns), <i>Allium</i> (onions, garlic, leek, etc), <i>Amaranthus</i> (grain amaranth), <i>Anthurium andreanum</i> , <i>Alternanthera</i> (joyweed), <i>Bougainvillea</i> , <i>Begonia</i> , <i>Chrysanthemum</i> (daisy), <i>Citrus</i> <i>reticulata x paradisi</i> (tangelo), <i>Citrus sinensis</i> (navel orange), <i>Citrus x paradisi</i> (jeruk bali, pommel, grapefruit), <i>Citrus</i> spp. (jeruk, orange), <i>Coix</i> <i>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), <i>Piper</i> (pepper), <i>Pisonia</i> , <i>Petroselinum crispum</i> (peterseli, parsley), Orchid, ornamental plants, <i>Zea mays</i> (jagung, corn, maize)	branches, daun (leaves), bunga (flowers, inflorescences, cones, calyx), tanah (soil)	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, Hawaii Asia: China, India, Malaysia, Nepal, Sri Lanka, Japan, Taiwan Europe: Italy, Poland Oceania: Australia, Tonga
9.	<i>Chrysomphalus aonidum</i> (Linnaeus, 1758); (Syn. <i>Aonidiella ficorum</i> Ashmead,	II	<i>Asparagus officinalis</i> (asparaga, asparagus), <i>Carica</i> <i>papaya</i> (pepaya, papaya),	batang (stems, shoots, branches),	Indonesia: Jawa, Sulawesi, Sumatera. Africa: Algeria, Burundi,

<p><i>Aspidiotus</i> (Chrysomphalus) <i>aonidum</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</p>		<p><i>Camelia sinensis</i> (teh, tea), <i>Cinnamomum verum</i> (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)</p>	<p>daun (leaves), buah (fruits (inc. pods))</p>	<p>Comoros, Egypt, Ethiopia, Guinea, Kenya, Madagascar, 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, Hawaii, Uruguay, Venezuela          Asia: Bhutan, British</p>
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					<p>Indian Ocean Territory, China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Jordan, Lebanon, Malaysia, Myanmar, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Thailand, Turkey, Vietnam, Yemen Europe: Belgium, Bosnia and Herzegovina, Croatia, Cyprus, Czech Republic, France, Germany, Greece, Hungary, Italy, Kosovo, Malta, Montenegro, North Macedonia, Netherlands, Poland, Portugal, Romania, Spain, Serbia, Slovenia Oceania: American Samoa, Australia, Cook Islands, Federated States of Micronesia, Fiji, French Polynesia, Kiribati, New Caledonia, Niue, Papua New Guinea, Samoa, Solomon Islands, Tuvalu.</p>
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<p>10.</p>	<p><i>Chrysomphalus dictyospermi</i> (Morgan, 1889); (Syn. <i>Aspidiotus</i> (<i>Chrysomphalus</i>) <i>dictyospermi</i> (Morgan) Cockerell, 1897, <i>Aspidiotus agrumicula</i> De Gregorio, 1915, <i>Aspidiotus arecae</i> (Newstead) Cockerell, 1894, <i>Aspidiotus dictyospermi</i> Morgan, 1889, <i>Aspidiotus dictyospermi jamaicensis</i> Cockerell, 1894, <i>Aspidiotus dictyospermi</i> var. <i>arecae</i> Newstead, 1893, <i>Aspidiotus 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 dictyospermatis</i> Lindinger, 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 red scale</p>	<p>II</p>	<p>Acacia (wattles), <i>Acer palmatum</i> (Japanese maple), Agave, Aloe (grey alder), Annona, <i>Araucaria angustifolia</i> (Paraná pine), Artocarpus (breadfruit trees), Asparagus, <i>Albizia julibrissin</i> (silk tree), Areca, <i>Areca catechu</i> (pinang, betelnut-pam), <i>Bambusa vulgaris</i> (common bamboo), Buxus (box), Cactaceae (cacti), Camellia, <i>Carica papaya</i> (pepaya, papaw), <i>Ceratonia siliqua</i> (locust bean), Cinnamomum, Colocasia, Crataegus (hawthorns), <i>Cupressus macrocarpa</i> (monterey cypress), Cycas, <i>Cymbidium</i>, <i>Cypripedium</i>, <i>Citrus</i> spp. (jeruk, orange), <i>Citrus aurantiifolia</i> (lime), <i>Citrus aurantium</i> (sour orange), <i>Citrus maxima</i> (pummelo), <i>Citrus sinensis</i> (navel orange), <i>Citrus unshiu</i> (satsuma), <i>Citrus x paradisi</i> (grapefruit), <i>Cocos nucifera</i> (kelapa, coconut), <i>Dracaena</i>, Dendrobium, Dictyosperma, Diospyros (malabar ebony), <i>Elaeis</i></p>	<p>batang (stems (above ground), shoots, trunks, branches), daun (leaves), buah (fruits (inc. pods), kulit kayu (bark), bunga (flowers, inflorescences, cones, calyx)</p>	<p>Indonesia: Jawa, Papua, Sumatera 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 savador, Ecuador, Grenada, Guadeloupe, Guatemala, Guyana, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Lucia, Suriname, Trinidad and</p>
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		<p><i>guineensis</i> (kelapa sawit, oil palm), <i>Erythrina variegata</i> (Indian coral tree), Eucalyptus (Eucalyptus tree), Eugenia, <i>Euphorbia regis-jubae</i>, Ficus, Fraxinus (ashes), Grevillea, Hedera (Ivy), <i>Hibiscus syriacus</i> (shrubby althaea), <i>Howea forsteriana</i> (paradise palm), <i>Howea</i>, Olea (olive), <i>Olea europaea</i> subsp. <i>europaea</i> (zaitun, olive), Latania, Laurus (laurel), Ligustrum (rivet), <i>Macadamia tetraphylla</i> (rough-shell macadamia nut), Malus (ornamental species apple), <i>Mangifera indica</i> (mangga, mango), Manihot, Musa (pisang, banana), <i>Musa x paradisiaca</i> (pisang kepok, 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> (avokad, avocado), <i>Plumeria</i>, <i>Plumeria</i> (frangipani),</p>	<p>Tobago, USA, Hawaii, South Carolina, Uruguay, United States Virgin Islands, Venezuela. Asia: Cambodia, China, Georgia, India, Iran, Iraq, Israel, Japan, Kazakhstan, Kyrgystan, 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, Armenia, Azerbaijan, Bulgaria, Belarus, Bosnia and Herzegovina, Czech Republic, Croatia, Estonia, France, Georgia, Germany, Greece, Italy, Latvia, Lithuania, Portugal, Poland, Malta, Moldova, Montenegro, North Macedonia, Kosovo, Ukraine, Russia, Romania, Serbia,</p>
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			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> (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)		Slovenia, Spain, Slovakia Republic, United Kingdom Oceania: American Samoa, Australia, Federated states of Micronesia, Cook Islands, Fiji, French Polynesia, Guam, Johnston Island, Kiribati, Marshall Islands, New Caledonia, Niue, Norfolk Island, Northern Mariana Islands, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu .
11.	<i>Contarinia sorghicola</i> (Coquillet, 1899); (Syn. <i>Contarinia sorghicola</i> , <i>Contarinia saltata</i> , <i>Contarinia andropogonis</i> , <i>Contarinia palposa</i> , <i>Diplosis sorghicola</i> , <i>Allocontarinia sorghicola</i> ); (Diptera: Cecidomyiidae); ganjur (sorgum)/Sorghum midge	II	<i>Sorghum arundinaceum</i> , <i>Sorghum dochna</i> , <i>Sorghum halepense</i> (Johnson grass), <i>Sorghum sudanense</i> (sudan grass), <i>Sorghum bicolor</i> (sorgum, sorghum), rerumputan ( <i>Triodia flava</i> , <i>Setaria glauca</i> , <i>Andropogon</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,

			<i>gayanus</i> )	<p>Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe</p> <p>America: Antigua and Barbuda, Argentina, Barbados, Brazil, Colombia, Cuba, Curaçao, Dominica, El Salvador, Grenada, 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, United States Virgin Islands, Hawaii, Uruguay, Venezuela</p> <p>Asia: India, Iran, Japan, Myanmar, Pakistan, Philippines, Sri Lanka, Thailand, Yemen</p> <p>Europe: France, Italy, Russian Federation</p> <p>Oceania: Australia, Fiji,</p>
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					New Caledonia, Papua New Guinea
12.	<i>Coptocercus biguttatus</i> (Donovan, 1805); (Syn. <i>Sternocorus biguttaus</i> Donovan, 1805, <i>Coptocercus decorus</i> Perroud, 1855); (Coleoptera: Cerambycidae);	II	<i>Myristica fragrans</i> (pala, nutmeg), <i>Syzygium aromaticum</i> (cengkeh, clove)	batang (stems, trunks, shoots), ranting (branches)	Indonesia: Maluku (Pulau Ambon, Pulau Seram) Oceania: Australia, Papua New Guinea
13.	<i>Coptotermes gestroi</i> (Wasmann, 1896); (Isoptera: Rhinotermitidae); Asian subterranean termite	II	Albizia, Pinus, Hevea, other wood	batang (stems (above ground), shoots, trunks, branches), kayu (woods)	Indonesia: Jawa Africa: Madagascar, Mauritius, Reunion America: Antigua, Barbados, Brazil, Cayman Islands, Mexico, Montserrat, Puerto Rico, St Kitts and Nevis, USA, US Virgin Islands Asia: Malaysia, Singapore, Thailand Europe: Italy Oceania: French Polynesia
14.	<i>Cryptophasa watungi</i> Watung, 2014; (Lepidoptera: Xyloryctidae)	II	<i>Syzygium aromaticum</i> (cengkeh, clove)	batang (stems (above ground), shoots, branches)	Indonesia: Sulawesi (Sulawesi Utara)
15.	<i>Dalbulus maidis</i> DeLong & Wolcott; (Syn. <i>Baldulus maidis</i> DeLong & Wolcott, <i>Cicadula maidis</i> DeLong &	II	<i>Tripsacum</i> (gamagrass), <i>Zea mays</i> (jagung, corn, maize), <i>Zea</i> spp.	daun (leaves), batang (stems (above	Indonesia: Sulawesi (Sulawesi Tengah) America: Argentina,

	Wolcott) (Hemiptera: Cicadellidae); corn leafhopper; maize leafhopper			ground), shoots, branches)	Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Suriname, USA, Venezuela
16.	<i>Darna bradleyi</i> Holloway; (Syn. <i>Ploneta bradleyi</i> ); (Lepidoptera: Limacodidae); ulat api, fire worm	II	<i>Elaeis guineensis</i> (kelapa sawit, oil palm)	batang (stems (above ground), trunks, shoots, branches), daun (leaves)	Indonesia: Sumatera
17.	<i>Darna catenatus</i> (Snellen); (Syn. <i>Orthocraspeda catenata</i> (Snellen), <i>Orthocraspeda catenatus</i> ); (Lepidoptera: Limacodidae).	II	<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
18.	<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) andromelas</i> = <i>A. (Diaspidiotus) perniciosus</i> = <i>A. (Hemiberlesiana) perniciosus</i> = <i>A. perniciosus</i> = <i>A. albopunctatus</i> = <i>A. fuscus</i> = <i>A.</i>	II	Acacia (wattles), <i>Acer</i> (maples), Actinidia, Aesculus (buckeye), Alianthus, Akebia, Albizia, Alnus (alders), Aloe (grey alders), Althea (hollyhocks), Amelanchier (serviceberries), Ampelopsis, Antirrhinum (snapdragon), Aralia, Arbutus, Aristolochia (dutchman's pipe),	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, Ecuador,

<p><i>perniciosus</i> =<i>Comstockaspis perniciososa</i>          =<i>Diaspidiotus perniciosus</i>          =<i>Hemiberlesia perniciososa</i>          =<i>Quadraspidotus perniciosus</i>          =<i>Q.perniciosus</i>);          (Hemiptera: Diaspididae);          California scale, Chinese scale,          perniciosus scale, San José scale</p>	<p>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          (Fragrant clerodendron),          Convolvulus (morning glory),          Cornus (Dogwood), Corylopsis,          Corylus, Cotoneaster,          Crataegus (hawthorns,          Cupressus (cypresses),          Cydonia (quince), Cytisus          (Broom), Dahlia, Daphne,</p>	<p>Mexico, Paraguay, Peru,          USA, Uruguay, Venezuela          Asia: Afghanistan,          Bangladesh, Bhutan,          Brunei, China, DPR Korea          (North Korea), Georgia,          India, Iran, Iraq, Japan,          Kazakhstan, Nepal,          Pakistan, Republic of          Korea (South Korea),          Tajikistan, Thailand,          Turkey, Uzbekistan,          Vietnam, Yemen          Europe: Albania, Armenia,          Austria, Azerbaijan,          Bosnia and Herzegovina,          Bulgaria, Croatia, Czech          Republic, France,          Germany, Greece,          Hungary, Italy, Moldova,          Montenegro, Netherlands,          North Macedonia Poland,          Portugal, Romania,          Russia, Serbia, Slovakia,          Slovenia, Spain,          Switzerland, Ukraine,          Oceania: Australia, New          Zealand</p>
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			<p>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 (hydrangeans), Hypericum (st Johnsworts), Ilex (Holly), Inula (Elecampene), Jasminum (jasmine), Juglans (walnuts), Juniperus (junipers) Kalmia (laurel), Kerria, Laburnum anaryroides (laburnum), Lagerstroemia, Larix (larches), Laurus (laurel), Lespedeza, Ligustrum (privet), Lilium (lily), Lindera (spicebush), Liquidambar (amber tree), Liriodendron (tulip tree), Lonicera (honeysuckles),</p>	
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			<p>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), 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), Plygonum (knotweed), Poncirus, Populus (poplas), 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</p>	
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			(pears), <i>Pyrus communis</i> (European pear), Rhododendron (Azalea), Rhus (Sumach), Ribes (currant), Ricinus, Salix (willows), Sambucus (Elderberry), Sassafrass, 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, <i>Yucca</i> <i>Vitis vinifera</i> (anggur, grapevine), <i>Prunus persica nectarina</i> (nektarin, nectarine), buah batu (stone fruit)		
19.	<i>Dihammus rusticator</i> Fisher, 1935; (Syn. <i>Acalolepta fistulator</i> (Germar), <i>Acalolepta rusticator</i> (Fabricius), <i>Dihammus fistulator</i> Germar, <i>Monochamus fistulator</i> (Germ.),	II	<i>Coffea arabica</i> (kopi arabika, arabica coffee), <i>Coffea</i> spp. (kopi, coffee), <i>Jatropha</i> sp. (jarak iri, Barbados nut tree), <i>Manihot esculenta</i> (ubi kayu,	batang (stems (above ground), trunks, shoots,	Indonesia: Sumatera



	<i>Monohammus fistulator</i> (Germ.); (Coleoptera: Cerambycidae); penggerek batang/stem borer		cassava), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Theobroma cacao</i> (kakao, cocoa), <i>Solanum melongena</i> (terung, aubergine, eggplant)	branches), daun (leaves), akar (roots)	
20.	<i>Dorysthenes buqueti</i> (Guerin- Meneville, 1844); (Syn. <i>Lophosternus buqueti</i> ); (Coleoptera: Cerambycidae); longhorn beetle	II	<i>Bambusa vulgaris</i> (common bamboo), <i>Saccharum</i> <i>officinarum</i> (tebu, sugarcane), <i>Spondias pinnata</i> (kedondong, otaheite apple), <i>Leucaena</i> <i>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
21.	<i>Helopeltis antonii</i> Signoret, 1858; (Hemiptera: Miridae); tea bug	II	<i>Anacardium occidentale</i> (cashew nut), <i>Azadirachta</i> <i>indica</i> (mimba, neem tree), <i>Camellia sinensis</i> (teh, tea), <i>Cinchona officinalis</i> , <i>Persea</i> <i>americana</i> (avokad, 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: Sumatera Asia: India, Myanmar, Sri Lanka, Vietnam
22.	<i>Heterobostrychus aequalis</i> (Waterhouse); (Coleoptera; Bostrichidae); powder post beetle	II	<i>Camelia sinensis</i> (teh, tea), <i>Ceiba pentandra</i> (kapuk, kapok), <i>Forest trees</i>	batang (stems), kayu (woods)	Indonesia: Jawa, Bali Africa: South Africa, Madagascar Asia: Bangladesh, Bhutan,

					China, India, Israel, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand, Timor Leste Europe: Germany Oceania: Papua New Guinea
23.	<i>Hexamitodera semivelutina</i> Heller.; (Coleoptera: Cerambycidae); penggerak batang (cengkeh)/stem borer	II	<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
24.	<i>Icerya purchasi</i> Maskell.; (Syn. <i>Pericerya purchasi</i> ); (Hemiptera: Margarodidae); cottony cushion scale	II	<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> , <i>Begonia</i> , <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> ,	batang (stems), daun (leaves)	Indonesia: Jawa, Kalimantan, Sulawesi, Sumatera, Papua Africa: Algeria, Angola, Cape Verde, Congo, DR Congo, Egypt, Ethiopia, Kenya, Libya, Madagascar, Malawi, Mauritius, Morocco, Mozambique, Saint Helena, Sao Tome and Principe, Senegal, Seychelles, Somalia, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia,

		<p><i>Desmodium</i> (tick clovers),  <i>Elaeagnus</i>, <i>Euphorbia</i>  (spurges), <i>Fragaria</i>  (strawberry), <i>Fuchsia</i>, <i>Glycine</i>  soja (kedelai, soybean), Hebe,  <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</i>  <i>camara</i> (lantana), <i>Laurus</i>  <i>nobilis</i> (Sweet bay), <i>Mangifera</i>  <i>indica</i> (mangga, mango),  <i>Maranta bicolor</i>, <i>Macadamia</i>  <i>integrifolia</i> (macadamia,  macadamia nut), <i>Malpighia</i>  <i>punicifolia</i>, <i>Malpighia glabra</i>  (acerola), <i>Medicago sativa</i>  (alfalfa, lucerne), <i>Mimosa</i>  (sensitive plants), <i>Morus alba</i>  (murbei, mulberry), <i>Morus</i>  <i>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</p>	<p>Zimbabwe  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  Asia: Bangladesh, China,  Cocos Islands, DPR Korea  (North Korea), Georgia,  India, Iran, Iraq, Israel,  Japan, Jordan, Lebanon,  Malaysia, Maldives,  Pakistan, Republic of  Korea (South Korea),  Saudi Arabia, Singapore,  Sri Lanka, Syria,  Thailand, Taiwan, Turkey,</p>
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			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 tree), <i>Senecio</i> (groundsel), <i>Spartium junceum</i> (spanish broom), <i>Spirarea</i> , <i>Syringa</i> (lilac), <i>Ros marinus officinalis</i> (rosemary), <i>Ulex europaeus</i> (gorse), <i>Virgilia capensis</i> (snowdrop tree)		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 (Caroline Islands), Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, New Caledonia, New Zealand, Norfolk Island, Northern Mariana Islands, Palau, Papua New Guinea, Solomon Islands, Tonga, US Minor Outlying Islands
25.	<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> ,	II	<i>Avena sativa</i> (oats), <i>Dactylis glomerata</i> (orchard grass), <i>Digitaria ciliaris</i> (southern crab grass), <i>Echinochloa</i> (barnyardgrass), <i>Hordeum</i>	batang (stems), daun (leaves)	Indonesia: Sumatera Africa: Algeria, Morocco, Tunisia Asia: China, DPR Korea (North Korea), Georgia,

	<p><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 minonensis</i>, <i>Liburnia nipponica</i>, <i>Liburnia striatella</i>); (Hemiptera: Delphacidae); smaller brown planthopper</p>		<p><i>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)</p>		<p>India, Iran, Israel, Japan, Republic of Korea (South Korea), Philippines, Taiwan, Tajikistan, Thailand, Turkmenistan, Vietnam Europe: Armenia, Austria, Belgium, Bulgaria, Bosnia and Herzegovina, Czech Republic, Croatia, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Moldova, Montenegro, North Macedonia, Netherlands, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Federated states of Micronesia, Northern Mariana Islands</p>
26.	<p><i>Liriomyza chinensis</i> (Kato, 1949); (Diptera: Agromyzidae); pengorok daun/onion leaves miner, stone leek leafminer</p>	II	<p><i>Allium cepa</i> (bawang bombai, onion), <i>Allium</i> pp.</p>	<p>batang (stems), daun (leaves)</p>	<p>Indonesia: Jawa, Sulawesi, Bali Asia: China, Japan, Malaysia, Republic of Korea (South Korea),</p>

					Singapore, Taiwan, Thailand, Vietnam Europe: France, Germany
27.	<p><i>Liriomyza trifolii</i> Burgess in Comstock, 1880; (Syn. <i>Agromyza phaseolunata</i> Frost, 1943, <i>Liriomyza 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); penggorok daun (leaves), serpentine leaf miner, American serpentine leaf miner, chrysanthemum leaf miner</p>	II	<p><i>Allium cepa</i> (bawang bombay, onion), <i>Allium schoenoprasum</i> (bawang kucai, chives), Alstroemeria (inca lily), Ambrosia (ragweed), Antirrhinum (snapdragon), <i>Apium graveolens</i> var. <i>dulce</i> (bleached celery), Arachis, Artemisia (wormwoods), <i>Avena sativa</i> (oats), <i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Ageratum</i>, <i>Allium</i> spp. (onions, garlic, leek, etc) <i>Allium sativum</i> (bawang putih, garlic), <i>Arachis 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),</p>	batang (stems), daun (leaves)	<p>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, 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, United State</p>

		<p>Chenopodium (goosefoot),  <i>Chrysanthemum indicum</i>  (krisan, chrysanthemum),  <i>Citrullus lanatus</i> (semangka,  watermelon), <i>Crataegus</i>  (<i>hawthorns</i>), <i>Crotalaria</i>,  <i>Cucurbita maxima</i> (labu, giant  pumpkin), <i>Cucurbita moschata</i>  (labu kuning, pumpkin),  <i>Chrysanthemum</i> spp.,  <i>Chrysanthemum morifolium</i>  (florist's chrysanthemum),  <i>Capsicum annum</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, zukini, zucchini),  Cucurbitaceae (cucurbits),  <i>Dahlia</i>, <i>Dendranthema</i>,  <i>Dianthus</i> (anyelir, carnation),  <i>Daucus carota</i> (wortel, carrot),  <i>Erigeron</i> (fleabane),  <i>Eupatorium</i>, <i>Gazania</i>, <i>Gladiolus</i>  <i>hybrids</i> (sword lily), Glycine,  <i>Gaillardia</i>, <i>Gerbera</i> (barbeton  daisy), <i>Glycine max</i> (kedelai,  soyabean), <i>Gossypium</i> (cotton),  <i>Gossypium hirsutum</i> (kapas,</p>	<p>Virgin Island, Hawaii,  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: Austria, Belgium,  Bosnia and Herzegovina,  Croatia, Cyprus, Czech  Republic, Finland, France,  Greece, Italy, Malta,  Montenegro, North  Macedonia, Netherlands,  Portugal, Romania,  Russia, Serbia, Slovakia,  Slovenia, Spain,  Switzerland  Oceania: American  Samoa, Australia,  Federated states of  Micronesia, Guam,  Northern Mariana Islands,  Samoa, Tonga</p>
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			<p>cotton), <i>Gypsophila</i> (baby's breath), <i>Helianthus</i> (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</i> (<i>Vetchling</i>), <i>Macrotyloma</i>, <i>Malva</i> (mallow), <i>Medicago</i>, <i>Medicago sativa</i> (alfalfa, lucerne), <i>Macrotyloma</i>, <i>Melilotus</i> (melilots), <i>Mollucella</i>, <i>Nasturtium officinale</i> (selada air, watercress), <i>Ocimum</i>, <i>Primula</i> (primrose), <i>Phlox</i>, <i>Physalis</i> (groundcherry), <i>Phaseolus</i> spp. <i>Phaseolus</i> (beans), <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Pisum sativum</i>(kacang polong, pea), <i>Ricinus</i>, <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Sonchus</i> (sowthistle), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Salvia</i> (sage), <i>Senecio</i> (grounsel), <i>Solanum</i></p>	
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			<p><i>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>		
28.	<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,</p>	II	<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></p>	batang (stems), daun (leaves), bunga (flowers), buah (fruits)	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

<p><i>Nectarophora ascepiadis</i> Cowen ex Gillette &amp; Baker, <i>Nectarophora heleniella</i> Cockerell, <i>Nectarophora lycopersici</i> Clarke, <i>Nectarophora tabaci</i>, <i>Nectarophora tabaci</i> Pergande, <i>Siphonophora 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>(mentimun, cucumber), <i>Cucurbita pepo</i> (labu kuning, zukini, 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), <i>Lupinus</i> (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>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: Bangladesh, China, Georgia, India, Iran, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Malaysia, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Turkey, Tajikistan, Turkmenistan, Uzbekistan Europe: Armenia, Azerbaijan, Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Latvia, Lithuania, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, North</p>
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29.	<i>Olenecamptus bilobus</i> (Fabricius); (Coleoptera: Cerambycidae); Longhorn beetle	II	<i>Artocarpus integra</i> , <i>Artocarpus hissutus</i> , <i>Ficus carica</i> (ara, fig), <i>Mangifera indica</i> (mangga, mango), <i>Morus alba</i> (murbei, mulberry)	batang (stems), kayu (woods), kulit kayu (bark)	Indonesia: Jawa, Maluku, Sumatera, Papua Asia: India, Pakistan
30.	<i>Ophelimus eucalypti</i> (Gahan, 1922); (Syn. <i>Rhiconopeltella eucalypti</i> ); (Hymenoptera: Eulophidae)	II	<i>Eucalyptus</i> , <i>Eucalyptus botryoides</i> (southern mahogany), <i>Eucalyptus globulus</i> (Tasmanian blue gum), <i>Eucalyptus saligna</i> (Sydney blue gum)	daun (leaves)	Indonesia: Sumatera (Sumatera Utara) Africa: Kenya, Morocco, Uganda Asia: Iran, Israel Europe: Greece, Italy, Spain Oceania: Australia, New Zealand
31.	<i>Paraecusmetus pallicornis</i> (Dallas); (Syn. <i>Gyndes pallicornis</i> , <i>Pachybrachius pallicornis</i> ); (Hemiptera: Rhyparochromidae); slender black rice bug	II	<i>Oryza sativa</i> (padi, paddy, rice), Poaceae	batang (stems), jerami (straws), bulir (grains)	Indonesia: Maluku (Buru), Maluku Utara, Sulawesi, Kalimantan, Nusa Tenggara Timur, Nusa Tenggara Barat

					Asia: Malaysia, Philippines
32.	<i>Paraleyrodes minei</i> Laccarino, 1990; (Hemiptera: Aleyrodidae); nesting whitefly	II	<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> (avokad, avocado), <i>Cocos nucifera</i> (kelapa, coconut)	daun (leaves)	Indonesia: Jawa (Jawa Barat) Asia: China, Iran, Israel, Lebanon, Syria, Turkey America: Belize, Bemuda, Colombia, Dominican Republic, Guatemala, Haiti, Honduras, Mexico, Puerto Rico, USA Europe: Italy, Portugal, Spain
33.	<i>Pectinophora gossypiella</i> Saunders, 1843; (Syn. <i>Depressaria gossypiella</i> Saunders, <i>Ephestia gossypiella</i> Saunders, <i>Gelechia gossypiella</i> Saunders, <i>Gelechiella gossypiella</i> Saunders, <i>Platyedra gossypiella</i> Saunders); (Lepidoptera: Gelechiidae); pink bollworm, pink cotton bollworm	II	<i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Abutilon</i> spp. (Indian mallow), <i>Abutilon indicum</i> (country mallow), <i>Gossypium</i> , <i>Gossypium hirsutum</i> (kapas, cotton), <i>Hibiscus</i> spp. (rosemallows), <i>Hibiscus cannabinus</i> (kenaf), <i>Hibiscus sabdariffa</i> (jamaica sorrel), Malvaceae, <i>Medicago sativa</i> (alfalfa, lucerne), <i>Althaea</i> (hollyhocks), <i>Gossypium arboreum</i> (tree cotton), <i>Gossypium herbaceum</i> (short staple cotton)	buah (fruits), biji (seeds), tanah (soil)	Indonesia: Jawa, Nusa Tenggara Barat, Nusa Tenggara Timur, Sulawesi 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 Tobago, USA, Hawaii, United State 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, Sri Lanka, Syria, Taiwan, Thailand, Turkey, Uzbekistan, Vietnam, Yemen
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34.	<p><i>Phenacoccus manihoti</i> Matile-Ferrero, 1977; (Hemiptera: Pseudococcidae); cassava mealybug</p>	II	<p><i>Boerhavia diffusa</i> (red 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)</p>	<p>batang (stems), daun (leaves), bunga (flowers)</p>	<p>Indonesia: Jawa</p> <p>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</p>

					America: Argentina, Bolivia, Brazil, Colombia, Guyana, Paraguay Asia: Cambodia, Lao PDR (Laos), Malaysia, Thailand, Vietnam
35.	<i>Phenacoccus solenopsis</i> Tinsley; (Hemiptera: Pseudococcidae); cotton mealybug	II	<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> , <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 lebbek</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>	seluruh bagian tanaman (whole plant)	Indonesia: Jawa, Sumatera (Bengkulu) Africa: Benin, Cameroon, Egypt, Ghana, Mali, Nigeria, Reunion, Senegal America: Argentina, Belize, Brazil, Canada, Caribbean, Cayman Island, Chile, Colombia, Cuba, Dominican Republic, Ecuador, Guadeloupe, Guatemala, Jamaica, Martinique, Mexico, Nicaragua, Panama, USA Asia: Cambodia, China, India, Iran, Iraq, Japan, Pakistan, Sri Lanka, Taiwan, Thailand, Turkey, Vietnam Europe: Cyprus, Netherlands Oceania: Australia, New Caledonia

			<p>(scarlet pimpernel), <i>Aphelandra squarrosa</i> (zebra plant), <i>Artemisia annua</i> (sweet wormwood), <i>Asclepias</i> (silkwweed), <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>, <i>Capsicum frutescens</i> (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 nocturnum</i> (night scented cestrum), <i>Cevallia sinuata</i></p>	
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			<p>(stinging serpent), <i>Chenopodium album</i> (fat hen), <i>Chenopodium murale</i> (nettleleaf goosefoot), <i>Chrysanthemum morifolium</i> (florist's daisy), <i>Cirsium 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 inerme</i>, <i>Coleus blumei</i> (common coleus), <i>Convolvulus arvensis</i> (bindweed), <i>Convolvulus prostratus</i>, <i>Conyza bonariensis</i> (hairy fleabane), <i>Conyza canadensis</i> (Canadian fleabane), <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></p>	
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			<p>(rumpit bermuda, bermuda grass), <i>Cyperus rotundus</i> (rumpit 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> (rumpit bebek, junglerice), <i>Elettaria cardamomum</i> (kapulaga seberang, cardamom), <i>Eleusine indica</i> (rumpit belulang, goosegrass), <i>Emilia sonchifolia</i> (red tasselflower), <i>Encelia farinosa</i> (brittlebush), <i>Enceliopsis</i>, <i>Eragrostis minor</i>, <i>Eriophyllum</i>, <i>Eucalyptus camaldulensis</i> (red gum), <i>Euphorbia</i> (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), <i>Franseria</i>, <i>Gardenia jasminoides</i> (cape jasmine), <i>Gossypium</i> (cotton), <i>Gossypium</i></p>	
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			<p><i>arboreum</i> (cotton tree), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Grewia asiatica</i> (phalsa), <i>Hamelia patens</i> (firebush), <i>Helianthus</i> (sunflower), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Hibiscus</i> (rosemallows), <i>Hibiscus rosa-sinensis</i> (kembang sepatu, Chinese hibiscus), <i>Heliotropium</i> <i>europaeum</i> (common heliotrope), <i>Heliotropium</i> <i>strigosum</i> , <i>Herissantia crispa</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</i> <i>brachystylis</i>, <i>Lagenaria</i> <i>siceraria</i> (labu air, bottle gourd), <i>Lagerstroemia indica</i> (indian crape myrtle), <i>Lantana</i> <i>camara</i> (lantana), <i>Launia</i> <i>nudicaulis</i>, <i>Lawsonia inermis</i></p>	
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			<p>(Egyptian privet), <i>Lepidium 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), <i>Ocimum basilicum</i> (selasih, basil), <i>Orobanche</i> (broomrape), <i>Oxalis corniculata</i> (creeping woodsorrel), <i>Panax</i>, <i>Parthenium</i>, <i>Parthenium</i></p>	
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		<p><i>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 <i>frangipani</i>), <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, 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</i></p>		
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			<p><i>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> (yellow-shade nightshade), <i>Sonchus oleraceus</i> (tempuyung, common sowthistle), Spermacoce, 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></p>	
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			(poisonous gooseberry), <i>Xanthium strumarium</i> (common cocklebur), <i>Zea mays</i> (jagung, corn, maize), <i>Ziziphus mauritiana</i> (bidara, Indian jujube)		
36.	<i>Phragmataecia castaneae</i> (Hubner); (Syn. <i>Phragmataecia castaneae</i> ); (Lepidoptera: Cossidae); giant stem borer	II	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: Sumatera Asia: China, Malaysia Europe: Bulgaria, Finland, Italy, Russian Federation
37.	<i>Phragmataecia gummata</i> Swinhoe, 1892; (Syn. <i>Phragmataecia parvipunctus</i> ); (Lepidoptera: Cossidae); giant stem borer	II	<i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i> (glagah, wild sugarcane)	batang (stems), daun (leaves)	Indonesia: Sumatera, Jawa Asia: Malaysia
38.	<i>Pineus boernerii</i> Annand; (Syn. <i>Pineus pini sensu lato</i> , <i>Anisophleba pini</i> , <i>Aphis pini</i> , <i>Kermaphis pini var. 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	II	<i>Pinus canariensis</i> (Canary pine), <i>Pinus caribaea</i> (Caribbean pine), <i>Pinus contorta</i> (lodgepole pine), <i>Pinus elliottii</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> (montezuma pine), <i>Pinus mugo</i>	batang (stems), kayu (woods)	Indonesia: Kalimantan, Sumatera, Jawa Africa: Ethiopia, Kenya, Malawi, Morocco, South Africa, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Chile, Colombia, USA Asia: China, Georgia, Israel, Jordan, Kyrgyzstan, Lebanon,

			<p>(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 lawsonii</i>, <i>Pinus leiophylla</i>, <i>Pinus maximinoi</i>, <i>Pinus michoacana</i>, <i>Pinus montezumae</i>, <i>Pinus occidentalis</i>, <i>Pinus palustris</i>, <i>Pinus patula</i>, <i>Pinus pinea</i>, <i>Pinus pseudostrobus</i>, <i>Pinus radiata</i>, <i>Pinus rigida</i>, <i>Pinus</i></p>	<p>Malaysia, Pakistan, Taiwan, Turkey Europe: Czech Republic, Finland, France, Germany, Ireland, Italy, Lithuania, Netherlands, Poland, Slovakia, Spain, Sweden, United Kingdom Oceania: Australia, New Zealand</p>
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			<i>serotina, Pinus sylvestris, Pinus taeda, Pinus taiwanensis, Pinus teocote, Pinus virginiana</i> (scrub pine)		
39.	<i>Postelectrotermes militaris</i> (Desneux); (Syn. <i>Calotermes militaris, Neotermes militaris, Termes militaris</i> ); (Isoptera: Kalotermitidae); dry wood termite	II	<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), <i>Grevillea robusta</i> (silky oak), <i>Stenocarpus salignus</i> (beefwod), <i>Tephrosia vogelii</i> (vogel's tephrosia)	batang (stems), akar (roots)	Indonesia: Jawa Asia: Sri Lanka
40.	<i>Rhabdoscelus obscurus</i> (Boisduval, 1835); (Syn. <i>Calandra obscura</i> Boisduval, <i>Rhabdocnemis fausti</i> Gahan, <i>R. 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 obscura</i> Boisduval, <i>Sphenophorus beccarii</i>	II	<i>Areca catechu</i> (pinang, betelnut palm), <i>Arecaceae</i> (plants of the palm family), <i>Cocos nucifera</i> (kelapa, coconut), <i>Carica papaya</i> (pepaya, papaya), <i>Metroxylon sagu</i> (sagu, sago palm), <i>Musa</i> spp. (pisang, banana), <i>Musa x paradisiaca</i> (pisang kepok, plantain), <i>Poaceae</i> (grasses), <i>Saccharum</i>	batang (stems)	Indonesia: Maluku, Papua, Sulawesi, Nusa Tenggara Barat, Sumatera America: USA Asia: China, Japan, Malaysia, Sri Lanka, Taiwan Oceania: American Samoa, Australia, Cook Islands, Christmas Island,

	Pascoe, <i>S. insularis</i> Boheman, <i>S. interruptecostatus</i> Schaufuss, <i>S. nudicollis</i> Kirsch, <i>S. promissus</i> Pascoe, <i>S. sulcipes</i> Karsch, <i>S. tincturatus</i> Pascoe, <i>S. obscurus</i> Boisduval); (Coleoptera: Dryophthoridae); 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>officinarum</i> (tebu, sugarcane), <i>Strelitzia reginae</i> (Queens bird-of-paradise), <i>Zea mays</i> (jagung, corn, maize)		Federated States of Micronesia, Fiji, French Polynesia, Palau, Guam, Marshall Islands, Nauru, New Caledonia, Niue, Northern Mariana Islands, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu
41.	<i>Sesamia grisescens</i> Warren, 1911; (Lepidoptera: Noctuidae); sesamia borer, pink sugarcane borer	II	<i>Megathyrsus maximus</i> (Guinea grass), <i>Oryza sativa</i> (padi, paddy, rice), <i>Pennisetum purpureum</i> (rumpit 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 New Guinea
42.	<i>Sexava coriacea</i> (Linnaeus, 1758); (Orthoptera: Tettigoniidae); belalang sexava, sexava grasshopper	II	<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>	buah (fruits), tanaman (plants), daun (leaves), rimpang (rhizomes), sabut, tanah	Indonesia: Sulawesi, Kep. Sangihe, Talaud, Kep. Banggai, Maluku, Maluku Utara, Papua

			(sagu, sago palm), Orchidaceae (anggrek, orchids), <i>Pandanus</i> spp. (pandan), <i>Salacca edulis</i> (salak, snakefruit), <i>Zingiber officinale</i> (jahe, ginger)	(soil)	
43.	<i>Sexava karnyi</i> Leefmans, 1927; (Orthoptera: Tettigoniidae); belalang sexava, sexava grasshopper	II	<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 (plants), buah (fruits), daun (leaves), rimpang (rhizomes), sabut, tanah (soil)	Indonesia: Sulawesi (Sulawesi Tengah: Kepulauan Togean)
44.	<i>Sexava nubila</i> (Stal); (Orthoptera: Tettigoniidae); belalang sexava, sexava grass hopper, coconut treehopper	II	<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, Maluku (Seram, Buru), Biak, Papua Oceania: Papua New Guinea
45.	<i>Thosea monoloncha</i> (Meyrick);	II	<i>Cocos nucifera</i> (kelapa,	daun (leaves),	Indonesia: Sulawesi,

	(Syn. <i>Thosea moluccana</i> ); (Lepidoptera: Limacodidae)		coconut), <i>Elaeis guineensis</i> (kelapa sawit, oil palm)	tanah (soil), media tanam (growing media), batang (stem), bunga (inflouescences)	Papua, Sumatera, Maluku, Maluku Utara Asia: Philippines Oceania: Papua New Guinea
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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.	<i>Brevipalpus californicus</i> (Banks, 1904); (Syn. <i>Brevipalpus australis</i> Baker, 1949, <i>B. browningi</i> Baker, 1949, <i>B.</i> <i>Confusis</i> Baker, 1949, <i>B. woglumi</i> McGregor, 1949, <i>Hystripalpus</i> <i>californicus</i> Mitrofanov & Strunkova, 1979, <i>Tenuipalpus australis</i> Tucker, 1926, <i>T. californicus</i> Banks, 1904, <i>T.</i> <i>Vitis</i> Womersley, 1940); (Acari: Tenuipalpidae); citrus flat mite, red flat mite, scarlet	II	<i>Abelmoschus esculentus</i> (okra, lady's finger), <i>Camellia sinensis</i> (teh, tea), <i>Chenopodium</i> <i>ambrosioides</i> , <i>Cinnamomum</i> <i>burmanii</i> (kayu manis, cassiavera, cinnamon), <i>Citharexylum quadrangulare</i> , <i>Citrus</i> spp. (jeruk, orange), Cucurbita, <i>Cymbidium</i> , Dendrobium, <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lablab</i>	buah (fruits), daun (leaves), batang (stems), bagian tanaman di atas tanah	Indonesia: Nusa Tenggara Barat (Lombok), Kalimantan (Kalimantan Timur), Sumatera (Sumatera Barat) Africa: Algeria, Angola, Congo, Egypt, Libya, Mauritania, Mozambique, Reunion, Senegal, South Africa, Zimbabwe America: Brazil, Costa

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	mite of tea, bunch mite, false spider mite		<i>purpureus</i> , <i>Musa</i> spp. (pisang, banana), <i>Phalaenopsis</i> , <i>Psidium guajava</i> (jambu biji, guava), <i>Pittosporum</i> , <i>Rhododendron</i> , <i>Robinia</i> , <i>Schinus terebinthifolius</i> , <i>Sesbania sesban</i> , <i>Solanum</i> spp., <i>Tetragonia tetragonioides</i> , <i>Vigna sinensis</i> (buncis, common bean), <i>Vitis vinifera</i> (anggur, grapevine)		Rica, Cuba, Guyana, Honduras, Mexico, USA Asia: Georgia, India, Israel, Japan, Malaysia, Mauritania, Nepal, Philippines, Sri Lanka, Tajikistan, Thailand Europe: Cyprus, Greece, Hungary, Italy, Portugal, Russian Federation Oceania: Australia, Guam, New Zealand, Papua New Guinea
2.	<i>Calacarus carinatus</i> (Green 1890) Keifer, 1955; (Syn. <i>Calacarus adornatus</i> (Keifer), 1952, <i>Eriophyes carinatus</i> (Green) Nalepa, 1929, <i>Phylocoptes carinatus</i> , <i>Phytoptus carinatus</i> , <i>Typhlodromus carinatus</i> ) (Acari: Eriophyidae); purple mite, purple tea mite, ribbed tea mite	II	<i>Camellia japonica</i> , <i>Camellia sinensis</i> (teh, tea), <i>Capsicum</i> spp., <i>Viburnum</i> spp.	daun (leaves), bagian tanaman di atas tanah	Indonesia: Jawa, Sumatera, Nusa Tenggara Barat (Lombok) Africa: Kenya, Mauritius America: USA Asia: Cambodia, China, India, Georgia, Japan, Lao PDR (Laos), Malaysia, Republic of Korea (South Korea), Sri Lanka, Taiwan, Vietnam

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
					Europe: Spain Oceania: Australia, New Zealand
3.	<i>Eutetranychus orientalis</i> Klein; (Syn. <i>Anychus latus</i> , <i>A. Orientalis</i> , <i>A.ricini</i> , <i>Eutetranychus anneckeii</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 spp.</i> (keladi), <i>Carica papaya</i> (pepaya, papaya), <i>Citrus sp.</i> (jeruk, orange), <i>Codiaeum variegatum</i> , <i>Ficus carica</i> (ara, fig), <i>Gossypium barbadens</i> (kapas, cotton), <i>Manihot esculenta</i> (ubi kayu, cassava), <i>Musa 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 amygdalus</i> (almon, badam, almond), <i>Psidium guajava</i> (jambu biji, guava), <i>Plumeria</i> , <i>Ricinus communis</i> (jarak kepyar, castor	daun (leaves), bagian tanaman di atas tanah	Indonesia: Sumatera, Jawa (Jawa Barat) Africa: Cape Verde, Egypt, Ethiopia, Kenya, Libya, Malawi, Mali, Mauritania, Morocco, Mozambique, Nigeria, Senegal, South Africa, Sudan, Swaziland Asia: Afghanistan, Bangladesh, China, India, Iran, Iraq, Israel, Japan, Jordan, Kuwait, Lebanon, Malaysia, Pakistan, Saudi Arabia, Thailand, Turkey, Yemen Europe: Cyprus, Greece, Spain Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			bean), <i>Solanum melongena</i> (terung, aubergine, eggplant)		
4.	<i>Oligonychus coffeae</i> (Nietner); (Syn. <i>Acarus coffeae</i> Nietner, <i>Matatetranychus bioculatus</i> (Wood-Mason), <i>Oligonychus bioculatus</i> , <i>O. merwei</i> Tucker, <i>Paratetranychus bioculatus</i> , <i>P. terminalis</i> Sayed, <i>Tetranychus bioculatus</i> Wood-Mason) (Acari: Tetranychidae); tea red spider mite, red coffee mite	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 arabika, arabica coffee), <i>Citrus</i> sp. (jeruk, orange), <i>Cinnamomum camphora</i> , <i>Corchorus capsularis</i> , <i>Elaeis guineensis</i> (kelapa sawit, oil palm), <i>Eucalyptus globulus</i> , <i>Gossypium</i> , <i>Hevea brasiliensis</i> (karet, rubber tree), <i>Indigofera</i> , <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)	daun (leaves), tanaman (whole plant)	Indonesia: Jawa, Sumatera Africa: Congo, DR Congo, Egypt, Ethiopia, Kenya, Malawi, Mauritius, South Africa, Tanzania America: Colombia, Costa Rica, Ecuador, USA Asia: Bangladesh, China, Georgia, India, Japan, Myanmar, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand, Vietnam Europe: Russian Federation Oceania: Australia

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
5.	<i>Phyllocoptruta oleivora</i> (Ashmead); (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	II	<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), Fortunella (kumquats)	daun (leaves), buah (fruits), batang (stems)	Indonesia: Jawa, Kalimantan (Kalimantan Barat), Sumatera (Sumatera Utara, Bengkulu), Batam, Nusa Tenggara Barat (Lombok) Africa: Angola, Congo, 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, Israel, Japan, Jordan, Lebanon, Malaysia,



No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
					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	<i>Acer</i> (maple), <i>Acoelorrhaphe wrightii</i> , <i>Adonidia arecina</i> , <i>Aiphanes minima</i> , <i>Aplinia purpurata</i> (red ginger), <i>Alpinia vittata</i> , <i>Alpinia zerumbet</i> , <i>Archontophoenix alexandrae</i> , <i>Areca catechu</i> (pinang, betelnut palm), <i>Arecaceae</i> , <i>Arenga pinnata</i> (aren, sugar palm), <i>Bactris plumeriana</i> , <i>Beccariophoenix madagascariensis</i> , <i>Bismarckia nobilis</i> , <i>Butia capitata</i> , <i>Calathea arundinacea</i>	daun (leaves), bagian tanaman di atas tanah	Indonesia: Jawa, Kalimantan, Nusa Tenggara Barat (Lombok), Tarakan, Sulawesi (Sulawesi Tenggara), Flores, Maluku Utara (Ternate) Africa: Benin, Egypt, Mauritius, Namibia, Reunion, South Africa, Sudan, Tanzania America: Barbados, Brazil, Colombia, Cuba, Dominica, Dominican

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			(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</i> , <i>Cocos nucifera</i> (kelapa, coconut), <i>Dictyosperma album</i> , <i>Dyopsis decaryi</i> , <i>Dyopsis lutescens</i> , <i>Elaeodendron transvaalense</i> , <i>Ettingera elatior</i> , <i>Eucalyptus deglupta</i> , <i>Eugenia uniflora</i> , <i>Heliconia</i> spp. (flower banana), <i>Latania lontaroides</i> , <i>Licuala grandis</i> , <i>Licualaspinosa</i> , <i>Livistonia chinensis</i> , <i>Microcycas calocoma</i> , <i>Musa</i> spp. (pisang, banana), <i>Ocimum basilicum</i> , <i>Pandanus utilis</i> , <i>Phaseolus</i> , <i>Phoenix canariensis</i> , <i>Phoenix dactylifera</i> (kurma, date palm), <i>Phoenix reclinata</i> , <i>Phoenix</i>		Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Mexico, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, United States Virgin Island, Venezuela Asia: India, Iran, Oman, Pakistan, Philippines, Saudi Arabia, Sri Lanka, Thailand, United Arab Emirates

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
			<p><i>roebelenii</i>, <i>Phoenix rupicola</i>, <i>Pritchardia pacifica</i>, <i>Pritchardia</i> <i>vuylestekeana</i>, <i>Pseudophoenix</i> <i>vinifera</i>, <i>Ptychosperma elegans</i>, <i>Ptychosperma macarrthuri</i>, <i>Ravenala madagascariensis</i>, <i>Renealmia alpinia</i>, <i>Renealmia</i> <i>aurantifera</i>, <i>Rhapis excelsa</i>, <i>Roystonea borinquena</i>, <i>Sabal</i> <i>black burniana</i>, <i>Sabal</i> <i>mauritiformis</i>, <i>Schippia</i> <i>concolor</i>, <i>Strelitzia reginae</i>, <i>Syagrus romanzoffianum</i>, <i>Syagrus schizophylla</i>, <i>Thrinax</i> <i>radiata</i>, <i>Veitchia arecina</i>, <i>Veitchia merrillii</i>, <i>Washingtonia</i> <i>filifera</i>, <i>Washingtonia robusta</i>, <i>Wodyetia bifurcata</i>, <i>Zingiber</i> <i>officinale</i> (jahe, ginger)</p>		
7.	<p><i>Tenuipalpus orchidarum</i> Parfitt; (Acari: Tenuipalpidae); red mite of orchid</p>	II	Orchidaceae (anggrek, orchids)	tanaman (whole plant)	Indonesia: Jawa

3. KEONG (SNAILS)

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.	<i>Pila polita</i> Jeshayes; (Syn. <i>Ampularia pagoda</i> ); Ampullariidae; apple snail	II	<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	II	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 (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN / GROUP	INANG/ HOST	MEDIA PEMBAWA / PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
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; bud and leaf nematode, fern nematode, strawberry crimp nematode, strawberry spring dwarf nematode</p>	II	<p><i>Ageratum conyzoides</i> (billygoat weed, babadotan), <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), <i>Barleria cristata</i> (philippine violet), <i>Begonia</i> spp., <i>Borreria</i> sp., <i>Capsella bursa-pastoris</i> (shepherd's purse), <i>Chenopodium album</i> (fat hen), <i>Chloranthus spicatus</i>, <i>Cobotium chamissoi</i>, <i>Cornus</i></p>	<p>biji (true seeds, grain), bibit (seedlings, micropropagated plants), buah (fruits), bunga potong (flowers, inflorescence s, cones, calyx), daun (leaves), kormus (corms), media tanam yang melekat pada tanaman (growing</p>	<p>Indonesia: Jawa (Banten, DKI Jakarta, Jawa Barat, Jawa Tengah, Jawa Timur), Nusa Tenggara Barat (Mataram), Sulawesi (Sulawesi Selatan), Sumatera (Bengkulu, Sumatera Utara) Africa: Canary Islands America: Canada, Cuba, Mexico, USA Asia: China, India, Israel, Japan, Kyrgyzstan, Republic of Korea (South Korea), Turkey Europe: Belgium, Bulgaria, Denmark, Estonia, France, Germany, Hungary,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			<p><i>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>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> (calincing), Peony, <i>Pimpinella diversifolia</i>,</p>	<p>media associated with plants), rhizom (rhizomes), sisa tanaman yang terinfeksi (infected plants debris), stek (cuttings), stolon (stolons), tanah (soil), umbi (bulbs, tubers)</p>	<p>Ireland, Italy, Latvia, Moldova, Netherlands, Norway, Poland, Portugal, Russian Federation, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand, Papua New Guinea</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			<p><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), Western Sword-fern, <i>Wulfenia carinthiaca</i></p>		
2.	<i>Ditylenchus angustus</i> (Butler, 1913) Filipjev, 1936;	II	<i>Echinochloa colona</i> (junglerice), <i>Leersia hexandra</i>	batang (stems (above	Indonesia: Jawa, Kalimantan (Kalimantan

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	(Syn. <i>Anguillulina angusta</i> (Butler, 1913) Goodey, 1932, <i>Tylenchus angustus</i> Butler, 1913); Anguinidae; rice stem nematode, ufra disease		(southern cut grass), <i>Oryza</i> (rice (generic level)), <i>Oryza sativa</i> (padi, paddy, rice), <i>Saccioleipsis interrupta</i>	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)	Selatan) Asia: Bangladesh, India, Malaysia, Myanmar, Philippines, Thailand, Vietnam
3.	<i>Globodera rostochiensis</i> (Wollenweber,	I	<i>Datura stramonium</i>	akar (roots),	Indonesia: Jawa (Jawa



No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	<p>1923) Skarbilovich, 1959; (Syn. <i>Globodera rostochiensis</i> (Wollenweber, 1923) Behrens, 1975, <i>Heterodera (Globodera) rostochiensis</i> Wollenweber, 1923 (Skarbilovich, 1959), <i>Heterodera rostochiensis</i> Wollenweber, 1923, <i>Heterodera</i> <i>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>(jimsonweed), <i>Lycopersicon</i> <i>pimpinellifolium</i> (currant tomato), <i>Solanum</i> (nightshade), <i>Solanum</i> <i>aviculare</i> (kangaroo apple), <i>Solanum gilo</i> (gilo), <i>Solanum</i> <i>indicum</i> (indian nightshade), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum marginatum</i> (white-edged nightshade), <i>Solanum mauritianum</i> (tree tobacco), <i>Solanum melongena</i> (terung, eggplant), <i>Solanum</i> <i>nigrum</i> (leunca, black nightshade), <i>Solanum</i> <i>quitoense</i> (narangillo), <i>Solanum sarrachoides</i> (green nightshade, <i>Solanum</i> <i>tuberosum</i> (kentang, potato)</p>	<p>bibit (seedlings, micropropaga ted plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Barat, Jawa Tengah, Jawa Timur) Africa: Algeria, Canary Island, Egypt, Kenya, Libya, Sierra Leone, South Africa, Tunisia America: Bolivia, Canada, Chile, Colombia, Ecuador, Mexico, Panama, Peru, USA, Venezuela Asia: Armenia, Georgia, India, Iran, Japan, Lebanon, Oman, Pakistan, Philippines, Sri Lanka, Tajikistan, Turkey Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Greece,</p>

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					Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand, Norfolk Island
4.	<i>Hemicriconemoides mangiferae</i> Siddiqi, 1961; (Syn. <i>Hemicriconemoides birchfieldi</i> Edward et al., 1965); Criconematidae; ring nematode	II	Alnus (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>	akar (roots), bibit (seedlings, micropropagated plants), kormus (corms), media tanam yang melekat pada tanaman	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

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			(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 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 (rumput-rumputan), Rosa (mawar, roses), <i>Saccharum officinarum</i> (tebu, sugarcane), Salix (willow), <i>Theobroma</i>	(growing media associated with plants), tanah (soil)	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 New Guinea, Samoa, Tonga

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			<i>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; soyabean cyst nematode	I	<i>Aeschynomene indica</i> (Indian jointvetch), <i>Beta vulgaris</i> (bit, beetroot), <i>Cajanus cajan</i> (kacang gude, pigeon pea), Fabaceae (kacang-kacangan, leguminous plants), <i>Geranium</i> (cranesbill), <i>Glycine</i> , <i>Glycine max</i> (kedelai, soyabean), <i>Kummerowia striata</i> (Japanese lespedeza), <i>Lamium amplexicaule</i> (henbit deadnettle), <i>Lamium purpureum</i> (purple deadnettel), <i>Lespedeza cuneata</i> (sericea lespedeza), <i>Lespedeza juncea</i> var. <i>sericea</i> (sericea lespedeza), <i>Lupinus</i> (lupins), <i>Lupinus albus</i> (white	akar (roots), batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropaga ted plants), biji (true seeds, grain), media tanam yang melekat pada tanaman (growing	Indonesia: Jawa, Sumatera (Lampung) Africa: Egypt America: Argentina, Brazil, Canada, Colombia, Ecuador, Paraguay, Puerto Rico, USA Asia: China, DPR Korea (North Korea), India, Iran, Japan, Mongolia, Republic of Korea (South Korea) Europe: Italy, Russian Federation

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			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> (common chickweed), <i>Verbascum thapsus</i> (Aaron's-rod), <i>Vicia villosa</i> , <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)	media associated with plants), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	
6.	<i>Macroposthonia onoensis</i> ; Criconeematidae; ring nematode	II	Citrus, <i>Mangifera indica</i> (mangga, mango), <i>Syzygium aromaticum</i> (cengkeh, clove)	akar (roots), bibit (seedlings, micropropagated plants), media tanam	Indonesia: Jawa, Sumatera (Sumatera Selatan, Lampung) America: Trinidad and Tobago Asia: India

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
				yang melekat pada tanaman (growing media associated with plants), tanah (soil)	
7.	<i>Meloidogyne graminicola</i> Golden & Birchfield 1965; Meloidogynidae; rice root-knot nematode	II	<i>Allium cepa</i> (bawang bombai, onion), <i>Alopecurus</i> (foxtails), <i>Ammania pentandra</i> , <i>Andropogon</i> (beardgrass), <i>Blumea</i> , <i>Brassica</i> , <i>Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Cereal</i> , <i>Cynodon dactylon</i> (bermuda grass, rumput bermuda), <i>Cyperus imbricatus</i> (shingle flatsedge), <i>Cyperus procerus</i> , <i>Cyperus pulcherrimus</i> , <i>Cyperus rotundus</i> (purple nutsedge), <i>Digitaria filiformis</i> (slender crabgrass), <i>Echinochloa colona</i> (junglerice), <i>Echinochloa crus-</i>	akar (roots), bibit (seedlings, micropropagated plants), media tanam yang melekat pada tanaman (growing media associated with plants), tanah (soil), umbi (bulbs, tubers,	Indonesia: Jawa (DIY, Jawa Tengah), Papua Africa: Madagascar, South Africa America: Brazil, Colombia, USA Asia: Bangladesh, China, India, Lao PDR (Laos), Malaysia, Myanmar, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Thailand, Vietnam Europe: Italy

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			<p><i>galli</i> (barnyard grass),  <i>Eleusine coracana</i> (finger  millet), <i>Eleusine indica</i> (goose  grass), <i>Fimbristylis  complanata</i>, <i>Fimbristylis  dichotoma</i> (tall fringe rush),  <i>Fimbristylis littoralis</i> (lesser  fimbristylis), <i>Fuirena  glomerata</i>, <i>Glycine max</i>  (kedelai, soyabean), <i>Grangea  madrapatensis</i>, <i>Hordeum  vulgare</i> (barli, barley),  <i>Ischaemum rugosum</i>  (saramolla grass), <i>Ludwigia</i>  (waterprimrose), <i>Monochoria  vaginalis</i> (pickerel weed),  Musa (banana), <i>Oryza sativa</i>  (padi, paddy, rice), <i>Panicum  miliaceum</i> (millet), <i>Panicum  repens</i> (torpedo grass),  <i>Paspalum scrobiculatum</i>  (ricegrass paspalum),  <i>Phyllanthus urinaria</i>  (leafflower), <i>Poa annua</i></p>	<p>corms,  rhizomes)</p>	

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			(annual meadowgrass), Poaceae (grasses), Ranunculus (buttercup), <i>Scirpus articulatus</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), Sphaeranthus, <i>Sphenoclea zeylanica</i> (wedgewort), <i>Triticum aestivum</i> (gandum, wheat), <i>Zea mays</i> (jagung, corn, maize)		
8.	<i>Meloidogyne hapla</i> Chitwood, 1949; Meloidogynidae; northern root-knot nematode	II	<i>Actinidia chinensis</i> (Chinese gooseberry), <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 var. saccharifera</i> (bit gula, sugar beet), <i>Brassica napus var. napus</i> (rape), <i>Brassica oleracea var. capitata</i> (kubis, cabbage), <i>Cajanus cajan</i> (kacang gude, pigeon pea), <i>Camellia sinensis</i> (teh, tea),	akar (roots), polong dalam tanah (pods in the ground), stolon (stolons), tanah (soil), umbi (bulbs, tubers, corms, rhizomes)	Indonesia: Jawa Africa: Algeria, Egypt, 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



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			<p><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), <i>Coffea</i> (kopi, coffee), <i>Convolvulus arvensis</i> (bindweed), <i>Cucumis</i> (melon, melons, cucumbers, gerkins), <i>Cyclamen</i>, <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</i></p>		<p>Asia: 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: Armenia, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czech Republic, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, North Macedonia, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russian</p>

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			<p><i>usitatissimum</i> (flax), <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>Raphanus sativus</i> (lobak, 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> (Phyretum), <i>Trifolium</i> (semanggi, clover), <i>Vicia</i> (vetch), <i>Vitis vinifera</i> (anggur, grapevine)</p>		<p>Federation, Slovakia, Spain, Switzerland, Serbia, Slovenia, Ukraine, United Kingdom Oceania: Australia, New Zealand, Norfolk Island, Papua New Guinea</p>
9.	<i>Pratylenchus brachyurus</i> (Godfrey,	II	<i>Abelmoschus esculentus</i>	akar (roots),	Indonesia: Jawa,

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	<p>1929) Filipjev &amp; Schuurmans Stekhoven, 1941; (Syn. <i>Anguillulina (Pratylenchus) brachyura</i> (Godfrey, 1929) Goodey, 1932 (W. Schneider, 1939), <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 &amp; Boock, 1954, <i>Tylenchus (Chitinotylenchus) brachyurus</i> Godfrey, 1929 (Filipjev, 1934), <i>Tylenchus brachyurus</i> Godfrey, 1929; Pratylenchidae; smooth headed nematode, root lesion nematode</p>		<p>(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, 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), <i>Cucumis sativus</i> (cucumber), <i>Cucurbita</i></p>	<p>batang (stems (above 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,</p>	<p>Sumatera (NAD, Sumatera Barat) Africa: Benin, Botswana, Cameroon, Egypt, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Nigeria, Réunion, Senegal, South Africa, 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,</p>

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			(pumpkin), <i>Cymbopogon citratus</i> (citronella grass), <i>Dianthus barbatus</i> (sweet williams), <i>Digitaria decumbens</i> (pangolagrass), <i>Dioscorea</i> (yam), <i>Dacryodes 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),	tubers, corms, rhizomes)	Malaysia, Oman, Pakistan, Philippines, Republic of Korea (South Korea), Singapore, Sri Lanka, Turkey, Uzbekistan, Vietnam Europe: Bulgaria, Cyprus, Italy, Russian Federation Oceania: Australia, Cook Islands, Fiji, Niue, Samoa, Tonga

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			<p>Impatiens (balsam), <i>Ipomoea batatas</i> (sweet potato), <i>Leucaena leucocephala</i> (leucaena), <i>Lilium</i> (lily), <i>Liriodendron tulipifera</i> (tuliptree), <i>Macadamia integrifolia</i> (macadamia nut), <i>Mangifera indica</i> (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,</p>		

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			sugarcane), <i>Secale cereale</i> (rye), <i>Sesamum indicum</i> (sesame), <i>Setaria italica</i> (foxtail millet), <i>Solanum lycopersicum</i> (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), <i>Vanilla</i> , <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> (ginger)		
10.	<i>Pratylenchus loosi</i> Loof, 1960;	II	<i>Abelmoschus esculentus</i>	akar (roots),	Indonesia: Jawa (Jawa

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	Pratylenchidae; root lesion nematode, meadow nematode, Loos' root lesion nematode		(okra), <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Acacia decurrens</i> (green wattle), <i>Alternanthera 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), <i>Cestrum</i> (jessamine), <i>Cinnamomum camphora</i> (camphor laurel), <i>Citrus</i> spp., <i>Coffea</i> spp. (kopi, coffee), <i>Convallaria</i> spp., <i>Cymbopogon citratus</i> (citronella grass), <i>Cymbopogon nardus</i> , <i>Cyperus</i> , <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,	batang (stems (above ground), shoots, trunks, branches), bibit (seedlings, micropropagated plants), daun (leaves), kormus (corms), media tanam yang melekat pada tanaman (growing media associated with plants), stolon (stolons), tanah (soil),	Barat) Africa: Senegal America: Brazil, Chile, Guadeloupe, USA Asia: Bangladesh, China, India, 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 (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			strawberry), <i>Grevillea robusta</i> (silky oak), <i>Hibiscus rosa-sinensis</i> (China-rose), <i>Imperata cylindrica</i> (cogon 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> (Trifoliate 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,	umbi (bulbs, tubers, corms, rhizomes)	



No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			sorghum), <i>Tagetes</i> (marigold), <i>Tecoma stans</i> (yellow bells), <i>Tephrosia</i> (hoary-pea), <i>Tithonia diversifolia</i> (Tithonia), <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 (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
1.	<i>Asystasia gangetica</i> (L.) T. Anderson subsp. <i>micrantha</i> (Nees) Ensermu; (Syn. <i>Asystasia coromandeliana</i> Nees var. <i>micrantha</i> Nees, <i>Asystasia gangetica</i> (L.) T. Anderson);	II	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate	mengkontami nasi biji, bibit, media tanam (contaminate	Indonesia: Jawa (Jawa Barat, Jawa Tengah), Kalimantan (Kalimantan Barat, Kalimantan Timur), Sumatera

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	Acanthaceae; Chinese violet, coromandel, creeping foxglove, Ganges primrose, Philippine violet		crops)	d true seeds (inc. grain), seedlings, growing media associated with plants)	Africa: Angola, Botswana, Cameroon, DR Congo, Ethiopia, Equatorial Guinea, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Liberia, Malawi, Mali, Mozambique, Namibia, Nigeria, Senegal, Sierra Leone, South Africa, Swaziland, Tanzania, Togo, Uganda, Zambia, Zimbabwe Asia: India, Malaysia, Singapore, Sri Lanka, Taiwan Oceania: Australia, Guam, Papua New Guinea
2.	<i>Cuphea carthagenensis</i> (Jacq.) J.F.Macbr.; (Syn. <i>Balsamona pinto</i> Vand., <i>Cuphea balsamona</i> Cham. & Schltl., <i>Cuphea divaricata</i> Pohl ex Koehne, <i>Cuphea</i>	II	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate	mengkontami nasi biji, bibit, media tanam (contaminate	Indonesia: Jawa (Jawa Barat), Sulawesi (Sulawesi Tengah), Sumatera (Jambi, Kepulauan Bangka

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	<p><i>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. &amp; Schltl.) Standl., <i>Parsonsia pinto</i> (Vand.) Heller); Lythraceae; Colombian wackweed, sete sangrias</p>		crops)	d true seeds (inc. grain), seedlings, growing media associated with plants)	<p>Belitung, Lampung, Sumatera Barat) Africa: Cameroon, Guinea America: Argentina, Barbados, Belize, Bolivia, Brazil, Central America, Chile, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, El Salvador, French Guiana, Guyana, Guatemala, Honduras, Lesser Antilles, Martinique, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Lucia, Suriname, Trinidad and Tobago, USA, Uruguay, Venezuela Asia: China, India, Japan, Malaysia, Myanmar, Philippines, Singapore, Taiwan, Timor</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					Leste, Oceania: American Samoa, Australia, Federated States of Micronesia, Fiji, French Polynesia, New Caledonia, Northern Mariana Islands, Papua New Guinea, Samoa, Tonga, Vanuatu
3.	<i>Praxelis clematidea</i> (Griseb.) R.M. King & H. Robinson; (Syn. <i>Eupatorium catarium</i> Veldk., <i>Eupatorium clematideum</i> Griseb., <i>Eupatorium urticifolium</i> var. <i>clematideum</i> (Gnseb.) Hieron ex Kuntze, <i>Eupatorium urticifolium</i> var. <i>nanum</i> Hieron. ex Kuntze); Asteraceae; Praxelis	II	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)	mengkontami nasi biji, bibit, media tanam (contaminate d true seeds (inc. grain), seedlings, growing media associated with plants)	Indonesia: Jawa (Jawa Barat), Sumatera (Jambi, Kepulauan Bangka Belitung, Lampung, Riau, Sumatera Utara), Kalimantan America: Argentina, Bolivia, Brazil, Colombia, Chile, Dominican Republic, Ecuador, French Guiana, Guyana, Paraguay, Peru, Uruguay, Venezuela Asia: China, HongKong,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					Malaysia, Taiwan Oceania: Australia
4.	<p><i>Rivina humilis</i> L.;</p> <p>(Syn. <i>Piercea acuminata</i> Raf., <i>Piercea glabra</i> Mill., <i>Piercea obliquata</i> Raf., <i>Piercea tomentosa</i> Mill., <i>Rivina acuminata</i> Raf., <i>Rivina aurantiaca</i> Warsc. Ex Schenk, <i>Rivina brasiliensis</i> Nocca, <i>Rivina canescens</i> G. Don ex Steud, <i>Rivina gracilis</i> Salisb., <i>Rivina laevis</i> L., <i>Rivina lanceolata</i> Willd., <i>Rivina obliquata</i> Raf., <i>Rivina orientalis</i> Moq., <i>Rivina pallida</i> Salisb., <i>Rivina paraguayensis</i> S.Parodi, <i>Rivina portulacoides</i> Nutt., <i>Rivina procumbens</i> Ruiz ex Moq., <i>Rivina puberula</i> Kunth., <i>Rivina purpurascens</i> Schrad., <i>Rivina tetrandra</i> Desf., <i>Rivina viridiflora</i> Bel., <i>Rivina viridis</i> Schmidt in Meyer, <i>Solanoides laevis</i> (L.) Moench, <i>Solanoides pubescens</i> Moench, <i>Solanoides undulata</i> Moench);</p> <p>Phytolaccaceae;</p>	II	hutan tanaman industri (industrial forest), hortikultura (horticulture), tanaman pangan (food crops), tanaman perkebunan (estate crops)	mengkontami nasi biji, bibit, media tanam (contaminate d true seeds (inc. grain), seedlings, growing media associated with plants)	Indonesia: Bali, Jawa, Sumatera Africa: Cape Verde, Eritrea, Ethiopia, Ivory Coast, Mayotte, Mozambique, Réunion, Seychelles, South Africa, Tanzania, Uganda, Zimbabwe America: Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Brazil, British Virgin Islands, Bolivia, Caribbean, Central America, Cayman Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Ecuador, French Guiana, Grenada, Guadeloupe,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM ( <i>SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME</i> )	GOLONGAN / <i>GROUP</i>	HABITAT BUDIDAYA/CULTIVATION <i>HABITAT</i>	MEDIA PEMBAWA / <i>PATHWAY</i>	DAERAH SEBAR / <i>GEOGRAPHICAL DISTRIBUTION</i>
	pigeonberry, rouge plant, baby peppers, bloodberry, coralito				Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Paraguay, Panama, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, United States Virgin Islands, Uruguay, Venezuela Asia: Chagos Archipelago, China, Christmas Island (Indian Ocean), India, Japan, Philippines, Singapore, Sri Lanka, Taiwan Europe: Germany, Spain, Sweden Oceania: Australia, Cocos

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	HABITAT BUDIDAYA/CULTIVATION HABITAT	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					Islands, Fiji, French Polynesia, New Caledonia, Norfolk Island, Northern Mariana Islands, Tonga, Tuvalu, Vanuatu

6. CENDAWAN (FUNGAL/ FUNGAL LIKE ORGANISM/ PSEUDOFUNGI)

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.	[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.	II	Cucurbitaceae, <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis melo</i> (melon, melon), <i>Cucurbita maxima</i> (labu, giant pumpkin), <i>Cucurbita moschata</i>	biji (true seeds), buah (fruits), daun (leaves)	Indonesia: Jawa (Jawa Barat) Africa: Egypt, Kenya, Libya, Malawi, Nigeria, Sudan, Zambia, Zimbabwe

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	<p><i>cucumerina</i> (Ellis &amp; Everh.) J.A. Elliott, 1917, <i>Alternaria cucumerina</i> var. <i>cyamopsidis</i> (Rangaswami &amp; A.V. Rao) E.G. Simmons, 1966, <i>Alternaria cyamopsidis</i> Rangaswami &amp; A.V. Rao, 1957, <i>Alternaria nigrescens</i> (Peglion) Neerg., 1945); Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Pleosporaceae; cucumber blight, brown spot of cucumber, alternaria leaf blight, leaf blight of cucurbits, leaf spot of cucumber</p>		(labu, pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini)		<p>America: Argentina, Canada, Jamaica, USA Asia: Bhutan, India, Oman, Qatar Europe: Cyprus, Italy Oceania: Australia</p>



No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
2.	[s]: <i>Balansia oryzae-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); Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Clavicipitaceae; black choke, black ring, false ergot, incense rod, sterility disease, udbatta, udbatta disease of Rice	II	<i>Cynodon dactylon</i> (Bermuda grass), <i>Echinochloa crus-galli</i> (barnyard grass), <i>Eragrostis</i> (lovegrasses), <i>Leptochloa</i> <i>chinensis</i> (Chinese sprangletop), <i>Oryza sativa</i> (padi, paddy, rice), <i>Paspalum</i> <i>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)	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds inc. grains), bunga (flowers, inflorescence s, cones, calyx), daun (leaves), tunas (shoots)	Indonesia: Jawa (Jawa Barat, Jawa Tengah), Sumatera (Sumatera Utara, Sumatera Barat, NAD, Jambi) Africa: Ghana, Sierra Leone, Zambia America: USA Asia: Bhutan, China, Hongkong, India, Nepal Oceania: New Caledonia, Vanuatu
3.	[s]: <i>Ceratocystis fimbriata</i> Ellis & Halst., 1890; (Syn. <i>Ceratocystis fimbriata</i> f. <i>fimbriata</i> Ellis & Halst., 1890, <i>Ceratocystis moniliformis</i> f. <i>coffea</i> (Zimm.) C. Moreau, 1954, <i>Ceratostomella fimbriata</i> (Ellis &	I	<i>Acacia decurrens</i> (green wattle), <i>Acacia mangium</i> (brown salwood), <i>Acacia</i> <i>mearnsii</i> (black wattle), <i>Alocasia</i> , <i>Annona</i> , <i>Cajanus</i> <i>cajan</i> (pigeon pea), <i>Camelia</i> <i>sinensis</i> (teh, tea), <i>Carya</i>	akar (roots), batang (stems (above ground), trunks, branches, bibit	Indonesia: Jawa, Kalimantan, Sumatera (NAD, Riau) Africa: DR Congo, Ghana, Ivory Coast, Seychelles, South Africa, Uganda America: Brazil, Canada,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p>Halst.) J.A. Elliott, 1923, <i>Ophiostoma coffeae</i> (Zimm.) Arx, 1952, <i>Ophiostoma fimbriatum</i> (Ellis &amp; Halst.) Nannf., 1934, <i>Rostrella coffeae</i> Zimm., 1900); [a]: <i>Chalara</i> sp. (Vujanovic <i>et al.</i> 1999); (Syn. <i>Endoconidiophora fimbriata</i> (Ellis &amp; Halst.) R.W. Davidson, 1935, <i>Endoconidiophora fimbriata</i> f. <i>fimbriata</i> (Ellis &amp; Halst.) R.W. Davidson, 1935, <i>Sphaeronaema fimbriatum</i> (Ellis &amp; Halst.) Sacc., 1892); Ascomycota, Pezizomycotina, Sordariomycetes, Microascales; 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</p>		<p><i>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), Cortalaria, <i>Crotalaria juncea</i> (sunn hemp), <i>Daucus carota</i> (carrot), <i>Erythrina</i> spp., Eucalyptus (Eucalyptus tree), Fagus (beeches), <i>Ficus carica</i> (fig), <i>Gmelina arborea</i> (candahar), <i>Hevea brasiliensis</i> (rubber), Hevea, Ipomoea, <i>Ipomoea batatas</i> (sweet potato), <i>Mangifera indica</i> (mango), <i>Manihot esculenta</i> (cassava), Metroxylon, <i>Myristica fragrans</i> (pala), <i>Pimenta dioica</i> (Allspice), Populus (poplars), Prunus (stone fruit), <i>Prunus armeniaca</i> (apricot), <i>Prunus</i></p>	<p>(seedlings), buah (fruits), daun (leaves), kayu (woods), 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>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, Hawaii, Venezuela Asia: Brunei Darussalam, Cambodia, China, DPR Korea (North Korea), India, Japan, Malaysia, Myanmar, Oman, Philippines, Republic of Korea (South Korea), Taiwan, Thailand, Vietnam Europe: France, Italy, Poland, Portugal,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	hemp, black rot of taro, cancer stain of plane treem Ceratocystis canker, Ceratocystis wilt, mallet cancer, mango wilt, sweet potato black rot, target cancer of aspen		<i>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>Theobroma cacao</i> (cocoa), <i>Xanthosoma</i> (cocoyam)		Switzerland, United Kingdom Oceania: American Samoa, Australia, Fiji, New Zealand, Papua New Guinea, Samoa, Solomon Islands
4.	[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., 1848, <i>Diplodia zae-maydis</i> Mekht., 1962, <i>Hendersonia zae</i> (Lév.) Hazsl.	I	Arundinaria (cane), Bambusa, <i>Zea diploperennis</i> , <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mays</i> (sweetcorn)	batang (stems), biji (true seeds), bunga (inflorescences), daun (leaves)	Indonesia: Sumatera (Sumatera Utara) Africa: Congo, DR Congo, Ethiopia, Ghana, Kenya, Malawi, Nigeria, South Africa, Swaziland, Tanzania, Zambia, Zimbabwe America: Belize, Brazil, Canada, Honduras, Mexico, USA, Argentina, Brazil, Colombia, Ecuador Asia: China, India, Iran, Japan, South Korea,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	(1872), <i>Macrodiplodia zae</i> (Lév.) Petr. & Syd., 1923, <i>Macrodiplodia zae</i> var. <i>zae</i> (Lév) Petr. & Syd., 1923, <i>Phaeostagonosporopsis zae</i> (Lév.) Woron. (1925)); 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				Nepal, Pakistan, Taiwan, Thailand Europe: Austria, Bulgaria, Czech Republic, Italy, Montenegro, Serbia, United Kingdom Oceania: Australia, New Zealand
5.	[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, 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,	I	<i>Abelmoschus esculentus</i> (okra), <i>Abutium 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 tanah, groundnut), <i>Brachyglottis repanda</i> (rangiora), <i>Capsicum annum</i> (cabai, hot pepper,	batang (stems), biji (true seeds, grains), buah (fruits), daun (leaves), media tanam (growing media associated with plants),	Indonesia: Jawa (Jawa Barat) Africa: Cameroon, Egypt, Malawi, Nigeria, Senegal, Sierra Leone, South Africa, Tanzania America: Argentina, Brazil, Canada, Colombia, Cuba, Ecuador, Guyana, Paraguay, USA,

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	<p>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 &amp; Ellis, 1878); [a]: <i>Phomopsis phaseoli</i> (Desm.) Sacc., 1915; (Syn. <i>Chorostate batatas</i> (Harter &amp; E.C. Field) Sacc., 1928, <i>Phoma phaseoli</i> Desm., 1836, <i>Phoma subcircinata</i> Ellis &amp; Everh., 1893, <i>Phomopsis phaseoli</i> var. <i>phaseoli</i> (Desm.) Sacc., 1915, <i>Phomopsis sojae</i> Lehman, 1922, <i>Septomazzantia phaseolorum</i> (Cooke &amp; Ellis) Lar.N. Vassiljeva, 1998); Ascomycota, Pezizomycotina, Sordariomycetes, Diaporthales, Diaporthaceae; lima bean pod blight, leaf spot of</p>		<p>chilies, red pepper), <i>Capsicum frutescens</i> (cabai rawit, chilli), <i>Capsicum</i> sp., <i>Glycine max</i> (kedelai, soybean), <i>Helianthus annuus</i> (bunga matahari, sunflower), <i>Lespedeza</i>, <i>Lupinus</i> spp., <i>Phaseolus lunatus</i> (lima bean), <i>Phaseolus vulgaris</i> (kacang panjang, common bean), <i>Phaseolus</i> spp., <i>Solanum lycopersicum</i> (tomat, tomato), <i>Vicia faba</i> (faba bean), <i>Vigna unguiculata</i> (cowpea)</p>	<p>polong (pods)</p>	<p>Venezuela Asia: China, DPR Korea (North Korea), Georgia, India, Malaysia, Nepal, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand Europe: Armenia, Azerbaijan, Bulgaria, Croatia, Czech Republic, France, Hungary, Italy, Moldova, Montenegro, Poland, Romania, Russian Federation, Serbia, Spain Oceania: Australia, New Zealand</p>

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	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				
6.	[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); Ascomycota, Pezizomycotina, Sordariomycetes, Diaporthales, Diaporthaceae; blight of eggplant, Phomopsis rot of eggplant, brown spot of eggplant, fruit rot of eggplant, tip over of eggplant	I	<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)	batang (stems (above ground), trunks, branches), bibit (seedlings), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescence s, cones, calyx), daun (leaves), media tanam, polong	Indonesia: Jawa (Jawa Barat, Jawa Tengah, Jawa Timur) Africa: Algeria, Egypt, Kenya, Mauritius, Senegal, Seychelles, South Africa, Tanzania, Zambia, Zimbabwe America: Antigua and Barbuda, Argentina, Barbados, Bermuda, Brazil, Canada, Colombia, Costa Rica, Cuba, Dominican Republic, El Savador, Guadeloupe, Guatemala, Guyana, Haiti, Jamaica, Mexico, Panama, Puerto Rico, United States Virgin

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				(pods), tanaman hasil mikropropag asi (micropropag ated plants), tunas (shoots)	Island, USA, Venezuela Asia: Bangladesh, Brunei Darussalam, China, India, Iran, Irak, Japan, Jordan, Laos, Malaysia, Maldives, Myanmar, Pakistan, Philippines, Republic of Korea (South Korea), Saudi Arabia, Taiwan Europe: Romania Oceania: Australia, Fiji, French Polynesia, Guam, New Caledonia
7.	[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	Cucurbitaceae, <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, Uganda, Zambia, Zimbabwe America: Argentina,

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	<p><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</i> <i>cucurbitacearum</i>, (Fr.) Sacc., 1883, <i>Mycosphaerella cucumis</i> (Fautrey &amp; Roum.) W.F. Chiu &amp; J.C. Walker, 1949, <i>Mycosphaerella melonis</i> (Pass.) W.F. Chiu &amp; J.C. walker, 1949, <i>Sphaerella bryoniae</i> Auersw., 1869, <i>Sphaerella citrullina</i> (Chester) Sacc. &amp; 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 &amp; Verkley, 2010;</p>				<p>Barbados, Belize, Bermuda, Bolivia, Brazil, Canada, Chile, Costa Rica, Cuba, Dominica, El Salvador, Jamaica, Mexico, Nicaragua, Peru, Puerto Rico, Trinidad and Tobago, USA Asia: Bangladesh, Brunei Darussalam, China, India, Iraq, Israel, Japan, Laos, Malaysia, Myanmar, Pakistan, Philippines, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand Europe: Austria, Bulgaria, Czech Republic, Denmark, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Romania, Russian Federation,</p>



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	<p>(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> (Niessl) Kuntze, 1898, <i>Cercidospora melonis</i> (pass.) Kuntze, 1898, <i>Cercospora citrullina</i> Cooke, 1883, <i>Cercospora citrullina</i> var. <i>citrullina</i> Cooke, 1883, <i>Cercospora citrullina</i> var. <i>trichosanthis-anguinae</i> Rangaswami &amp; Chandras., 1962, <i>Cercospora cucurbitae</i> Ellis &amp; Everh., 1888, <i>Diplodia citrullina</i> (Chester) Grossenb., 1909, <i>Phoma cucurbitacearum</i> (Fr.) sacc., 1884, <i>Phoma cucurbitacearum</i> f. <i>cucurbitacearum</i> (Fr.) Sacc., 1884, <i>Phoma cucurbitacearum</i> f. <i>trichosanthis</i> sacc., 1903, <i>Phyllosticta citrullina</i> Chester, 1891);</p>				<p>Slovakia, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, Fiji, France Polynesia, New Caledonia, New Zealand, Pitcairn, Samoa, Samoa America, Solomon Islands, Tonga</p>

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	Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Didymellaceae; gummy stem blight, leaf spot of cucurbits, cercospora leafspot of squash, cucumber black rot, cucurbits stem blight, cucurbits leaf spot, cucurbits stem-end rot				
8.	[s]: <i>Elsinoe ampelina</i> Shear, 1929; (Syn. <i>Uleomyces parasiticus</i> Henn., <i>Plectodiscella veneta</i> Burkh., <i>Elsinoë viticola</i> Racib.); [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); Ascomycota, Pezizomycotina, Dothideomycetes, Myriangiales, Elsinoaceae; grape anthracnose; grape black spot;	I	<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> (grapevine)	batang (stems (above ground), trunks, branches), buah (fruits), bunga (flowers, inflorescence s, cones, calyx), daun (leaves), polong (pods), tunas (shoots)	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, Puerto Rico, Mexico, Paraguay, Peru, Uruguay, USA, Venezuela Asia: Afghanistan,

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	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				Azerbaijan, Cambodia, China, Georgia, Hong Kong, India, Iran, Japan, Kazakhstan, Kyrgystan, Myanmar, Pakistan, Republic of Korea (South Korea), Taiwan, Tajikistan, Turkey, Turkmenistan, Uzbekistan Europe: Armenia, Austria, Belarus, Belgium, Bulgaria, Estonia, France, Germany, Greece, Italy, Latvia, Lithuania, Malta, Moldova, Montenegro, Netherlands, Poland, Portugal, Romania, Russian Federation, Serbia, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia,

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					French Polynesia, New Zealand, Papua New Guinea
9.	<p>[s]: <i>Erysiphe necator</i> Schwein., 1832; (Syn. <i>Erysiphe necator</i> var. <i>ampelopsidis</i> (Peck) U. Braun &amp; 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 &amp; J.N. Kapoor, 1986);</p> <p>Ascomycota, Pezizomycotina, Leotiomycetes, Erysiphales, Erysiphaceae;</p>	II	Ampelopsis, Cissus (grape), <i>Cissus rhombifolia</i> (grape ivy), Parthenocissus, Vitis, <i>Vitis vinifera</i> (anggur, grapevine), <i>Vitis vinifera</i> subsp. <i>Sylvestris</i> ,	batang (stems (above ground), trunks, branches), bibit (seedlings), buah (fruits), bunga (flowers, inflorescences, cones, calyx), daun, kayu (woods), kulit kayu (bark), polong (pods), tanaman hasil mikropropagasi	Indonesia: Jawa (Jawa Timur), Bali Africa: Algeria, Congo, DR Congo, Egypt, Ethiopia, Kenya, Libya, Malawi, Mauritania, Morocco, Mozambique, Portugal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Tunisia, Uganda, Zimbabwe 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,

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	embun tepung (powdery mildew), grapevine powdery mildew, grape powdery mildew, powdery mildew grapevine			(micropropag ated plants), tunas (shoots)	Hawaii, Venezuela Asia: Afghanistan, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kyrgyztan, Kyrgyzstan, Lebanon, Myanmar, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Syria, Taiwan, Turkey, Turkmenistan, Uzbekistan, Yemen Europe: Armenia, Austria, Azerbaijan, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Luxemburg, Malta, Moldova, Montenegro, Netherlands,

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					North Macedonia, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, New Zealand, Papua New Guinea
10.	[s]: - [a]: <i>Fusarium oxysporum</i> f.sp. <i>asparagi</i> S.I. Cohen; Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Nectriaceae; layu, busuk akar (wilt, root rot)	I	<i>Asparagus officinalis</i> (asparaga, 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
11.	[s]: - [a]: <i>Fusarium oxysporum</i> f. <i>passiflorae</i> W.L. Gordon, 1954;	I	<i>Acacia melanoxylon</i> (australian blackwod), <i>Passiflora edulis</i> (passion	akar (roots), batang (stems (above	Indonesia: Sumatera (Sumatera Utara) Africa: South Africa

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	Ascomycota, Pezizomycotina, Sordariomycetes, Hypocreales, Nectriaceae; layu Fusarium, Fusarium wilt, wilt of passion fruit		fruit), <i>Passiflora quadrangularis</i> (markisa, granadilla, passion-fruit), <i>Samanea saman</i> (rain tree)	ground), trunks, branches), daun (leaves), media tanam (growing media associated with plants), tunas (shoots)	America: Brazil, USA Asia: China Oceania: Australia
12.	[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>	I	<i>Acacia mearnsii</i> (black wattle), <i>Alopecurus pratensis</i> (Meadow foxtail), <i>Avena sativa</i> (oats), <i>Azadirachta indica</i> (neem tree), <i>Beta vulgaris</i> pv. <i>saccharifera</i> (bit gula, sugar beet), <i>Brassica</i> , <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Dianthus</i> (anyelir, carnation), <i>Gardenia jasminoides</i> (cape jasmine), <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i>	akar (roots), batang (stems (above ground), trunks, banches), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescence s, cones,	Indonesia: Sumatera (Sumatera Barat), Jawa (Jawa Timur) Africa: Cameroon, Egypt, Ethiopia, Gambia, Kenya, Malawi, Nigeria, South Africa, Tunisia, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Canada, Colombia, Costa Rica, Dominica, Grenada, Honduras, Mexico,

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	<p>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>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. &amp; Broome, 1848, <i>Sphaeria zae</i> Schwein., 1822); [a]: <i>Fusarium graminearum</i> Schwabe, 1839; (Syn. <i>Dichomera saubinetii</i> (Mont.) Cooke, 1878, <i>Fusarium caricis</i> Oudem., 1890, <i>Fusarium</i></p>		<p>(cotton), <i>Hordeum vulgare</i> (barley), <i>Hyacinthus orientalis</i> (hyacinth), <i>Jatropha curcas</i> (jarak, jatropha), <i>Linum usitassimum</i> (flax), <i>Lolium multiflorum</i> (Italian ryegrass), <i>Lupinus</i> (lupins), <i>Lycopersicon</i>, <i>Mangifera indica</i> (mangga, mango), <i>Medicago</i> (medic), <i>Medicago littoralis</i> (strand medick), <i>Miscanthus x giganteus</i>, <i>Musa x paradisiaca</i> (pisang, banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi, paddy, rice), <i>Panicum miliaceum</i> (millet), <i>Pennisetum glaucum</i> (pearl millet), <i>Phalaris canariensis</i> (canarygrass), <i>Phaseolus vulgaris</i> (kacang buncis, common bean), <i>Pinus sylvestris</i> (Scots pine), <i>Pisum</i> (pea), <i>Rubus idaeus</i> (raspberry), <i>Secale cereale</i></p>	<p>calyx), daun (leaves), media tanam, polong (pods), tunas (shoots), umbi (tubers)</p>	<p>Paraguay, Peru, Saint Lucia, Saint Vincent and the Grenadines, Uruguay, USA, Windward Island Asia: Bangladesh, China, India, Iran, Japan, Kazakhstan, Lebanon, Nepal, Pakistan, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Taiwan, Turkey, Uzbekistan Europe: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Luxemburg, Moldova, Montenegro, Netherlands, North</p>



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	<p><i>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 &amp; Hansen., 1945, <i>Hendersoniopsis zae</i> (Schwein.) Woron., 1922); Ascomycota, Pezizomycotina, 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</p>		<p>(rye), <i>Solanum</i> (leunca, nightshade), <i>Solanum tuberosum</i> (kentang, potato), <i>Sorghum bicolor</i> (sorghum), <i>Trifolium</i> (clovers), <i>Triticale</i>, <i>Triticum aestivum</i> (wheat), <i>Vaccinium</i> (blueberries), <i>Vicia faba</i> ( Broad bean), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber officinale</i> (jahe, ginger)</p>		<p>Macedonia, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: Australia, Fiji, New Zealand. Papua New Guinea, Solomon Islands</p>
13.	<p>[s]: - [a]: <i>Helminthosporium solani</i> Durieu &amp; Mont., 1849; (Syn. <i>Brachysporium solani</i> (Durieu &amp; Mont.) Sacc., 1886, <i>Cladosporium abietinum</i></p>	I	<i>Solanum tuberosum</i> (kentang, potato)	akar (roots), tunas (shoots), umbi (tubers)	Indonesia: Jawa, Nusa Tenggara Barat (Lombok), Sumatera (Bengkulu, Jambi, Sumatera Selatan, Sumatera Utara, Sumatera Barat, Jambi)

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	<p>Zukal, <i>Dematium atrovirens</i> Harz, 1871, <i>Helminthosporium atrovirens</i> (Harz) E.W. Mason &amp; S. Hughes, 1953), <i>Spondylocladium atrovirens</i> (Harz) Harz ex Sacc., 1886); Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Massarinaceae; silver scurf</p>				<p>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, Czech Republic, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Romania, Russian Federation, Slovakia, Sweden, Switzerland, United Kingdom Oceania: Australia, New Caledonia, New Zealand,</p>

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					Papua New Guinea
14.	<p>[s]: <i>Leptosphaeria maculans</i> (Tul. &amp; C. Tul.) Ces. &amp; De Not., 1863; (Syn. <i>Phaeosphaeria sowerbyi</i> (Fuckel) L. Holm, 1957, <i>Leptosphaeria alliariae</i> (Auersw.) Rehm, 1883, <i>Pleospora maculans</i> Tul. &amp; C. Tul., 1863, <i>Pleospora maculans</i> (Ces. &amp; De Not.) Tul. &amp; 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. &amp; De Not.) Cooke, <i>Phoma brassicae</i> Thüm., 1884, <i>Phoma lingam</i> f. <i>linariae</i> Sacc. &amp; Paol., <i>Phoma lingam</i> f. <i>lingam</i> (Tode) Desm., 1849, <i>Phoma lingam</i> var. <i>lingam</i> (Tode) Desm.,</p>	II	<p><i>Alliaria</i>, <i>Argemone mexicana</i> (jaruju, Mexican poppy), <i>Asteraceae</i>, <i>Astragalus adsurgens</i>, <i>Avena sativa</i> (oat, oat), <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.</p>	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds), buah (fruits), daun (leaves), polong (pods), tunas (shoots)	<p>Indonesia: Jawa, Sumatera (Sumatera Barat), Sulawesi (Sulawesi Selatan, Sulawesi Utara)</p> <p>Africa: Egypt, Ethiopia, Kenya, Mozambique, Nigeria, South Africa, Zambia, Zimbabwe</p> <p>America: Argentina, Brazil, Canada, Costa Rica, El Salvador, Guadeloupe, Mexico, Panama, Puerto Rico, USA</p> <p>Asia: China, DPR Korea (North Korea), Georgia, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Thailand, Turkey</p>

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	<p>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 &amp; 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, <i>Phoma oleracea</i> var. <i>tanacetii</i> Allesch., 1901, <i>Phoma oleracea</i> var. <i>urticae</i> Sacc., 1884,</p>		<p><i>pekinensis</i>, <i>Brassica rapa</i> subsp. <i>rapa</i> (turnip), Brassicaceae, <i>Cardamine bellidifolia</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 raphanistrum</i>, <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>Europe: Armenia, Austria, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Scotland Oceania: Australia, New Caledonia, New Zealand, Papua New Guinea</p>

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	<p><i>Phyllosticta brassicae</i> Westend., 1851, <i>Phyllosticta napi</i> Sacc., 1879, <i>Plenodomus lingam</i> (Tode) Höhn.), <i>Sphaeropsis lingam</i> (Tode) Mussat); Ascomycota, Pezizomycotina, 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>				
15.	<p>[s]: - [a]: <i>Macrophomina phaseolina</i> (Tassi) Goid., 1947; (Syn. <i>Botryodiplodia phaseoli</i> (Maubl.) Thirum., 1953, <i>Dothiorella phaseoli</i> (Maubl.) Petr. &amp; Syd., 1927, <i>Dothiorella philippinensis</i> (Petr.) Petr., 1927, <i>Dothiorella cajani</i> (Syd., P. Syd. &amp; E.J. Butler) Syd., P. Syd. &amp; E.J. Butler, 1925, <i>Fusicoccum</i></p>	I	<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, onion), <i>Allium sativum</i> (bawang putih, garlic), <i>Arachis</i></p>	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), bunga	Indonesia: Jawa (Jawa Barat, Banten) Africa: Benin, Botswana, Burkina Faso, Cameroon, Central African Republic, DR Congo, Egypt, Ethiopia, Gabon, Gambia, Ghana, Ivory Coast, Kenya, Libya, Madagascar, Malawi, Mauritius, Morocco,

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	<p><i>cajani</i> (Syd., P. Syd. &amp; E.J. Butler) Samuels &amp; B.B. Singh, 1986, <i>Macrophoma cajani</i> Syd., P. Syd. &amp; 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 &amp; 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. 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)</p>		<p><i>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, Cicer</p>	<p>(flowers, inflorescence s, cones, calyx), daun (leaves), polong (pods), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Mozambique, Niger, Nigeria, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, 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</p>

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	<p>Aa, 1981); 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><i>arietinum</i> (chickpea), Cichorium (chicory), <i>Citrullus lanatus</i> (semangka, 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, zukini, zucchini), <i>Cuminum cyminum</i> (cumin), <i>Curcuma longa</i> (kunyit, turmeric), <i>Cyamopsis tetragonoloba</i> (guar), <i>Dahlia</i>, <i>Datura stramonium</i> (jimsonweed), <i>Daucus carota</i> (wortel, carrot), <i>Elaeis guineensis</i> (kelapa sawit,</p>		<p>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, Russian Federation, Serbia, Slovakia, Spain, Switzerland, United Kingdom Oceania: Australia, Fiji, New Zealand, Papua New Guinea, Solomon Islands</p>

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			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> (Gallini cotton), <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		



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			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), <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>		

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			<p>(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 sativus</i> (lobak, radish), <i>Ricinus communis</i> (jarak kepyar, castor bean), <i>Saccharum officinarum</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			<p>(sugarcane), <i>Salvia officinalis</i> (common sage), <i>Sapium sebiferum</i> (Chinese tallow tree), <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>Solanum viarum</i> (tropical soda apple), <i>Solidago canadensis</i> (Canadian goldenrod), <i>Sorghum bicolor</i> (sorghum), <i>Sterculia urens</i> (kateera gum), <i>Stevia rebaudiana</i>, <i>Stylosanthes</i> (pencil-flower), <i>Syzygium samarangense</i> (water apple), <i>Tagetes erecta</i> (African marigold), <i>Trifolium alexandrinum</i> (Berseem clover), <i>Trigonella foenum-graecum</i> (fenugreek), <i>Vanilla planifolia</i> (vanilla), <i>Vicia faba</i> (faba bean), <i>Vigna aconitifolia</i></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			(moth beans), <i>Vigna mungo</i> (black gram), <i>Vigna radiata</i> (mung bean), <i>Vigna unguiculata</i> (cowpea), <i>Vitis</i> (grape), <i>Zea mays</i> (jagung, corn, maize), <i>Zingiber</i> (jahe, ginger)		
16.	[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	<i>Allium</i> , <i>Allium ampeloprasum</i> (wild leek), <i>Allium cepa</i> (bawang bombay, 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)	Indonesia: Sulawesi (Sulawesi Utara) 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: China, DPR Korea, India, Iran, Iraq, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Myanmar, Pakistan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ 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>
					Philippines, Republic of Korea (South Korea), Saudi Arabia, Syria, Taiwan, Thailand, Turkmenistan, Uzbekistan, Yemen Europe: Armenia, Austria, Azerbaijan, Bulgaria, Cyprus, Czech Republic, Czechoslovakia, Denmark, Estonia, Finland, Greece, Hungary, Ireland, Italy, Latvia, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Russian Federation, Serbia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom Oceania: Australia, New Zealand
17.	[s]: <i>Mycosphaerella fijiensis</i> M.	I	<i>Heliconia psittacorum, Musa</i>	bibit	Indonesia: Sumatera

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p>Morelet (1969); (Syn. <i>Mycosphaerella fijiensis</i> var. <i>difformis</i> J.L. Mulder &amp; R.H. Stover (1976), <i>Mycosphaerella 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 &amp; R.H. Stover (1976), <i>Paracercospora fijiensis</i> (M. Morelet) Deighton (1979), <i>Paracercospora fijiensis</i> var. <i>difformis</i> (J.L. Mulder &amp; R.H. Stover) Deighton (1979)); Ascomycota, Pezizomycotina, Dothideomycetes, Mycopshaerelalles, Mycosphaerellaceae; black sigatoka</p>		spp. (pisang, banana)	(seedlings), daun (leaves)	<p>(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,</p>

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ 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>
					Panama, Peru, Puerto Rico, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, USA, Hawaii, Venezuela Asia: Bhutan, Brunei Darussalam, China, Malaysia, Philippines, Singapore, Taiwan, Thailand, Vietnam. Oceania: American Samoa, Australia, Cook Islands, Federated states of Micronesia, Fiji, French Polynesia, Guam, Marshall Islands, New Caledonia, Niue, Norfolk Island, Northern Mariana Islands, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu, Wallis and Futuna Islands

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
18.	[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); Oomycota, Oomycetes, Peronosporales, Peronosporaceae; Philippine downy mildew	II	<i>Avena sativa</i> (oat, oats), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Saccharum spontaneum</i> (wild sugarcane), <i>Sorghum bicolor</i> (sorghum), <i>Sorghum halepense</i> (Johnson grass), <i>Zea mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>mexicana</i> (teosinte)	biji (true seeds), daun (leaves)	Indonesia: Sulawesi Africa: Mauritius Asia: China, India, Japan, Nepal, Pakistan, Philippines, Taiwan, Thailand
19.	[c]: <i>Peronosclerospora sorghi</i> (W. Weston & Uppal) C.G. Shaw, 1978; (Syn. <i>Sclerospora andropogonis-sorghii</i> (Kulk.) 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); Oomycota, Peronosporales, Peronosporaceae; sorghum downy mildew, mildew of maize and sorghum	II	<i>Andropogon sorghi</i> , <i>Panicum trypheron</i> , <i>Pennisetum glaucum</i> , <i>Sorghum</i> spp., <i>Sorghum almum</i> (Columbus grass), <i>Sorghum arundinaceum</i> , <i>Sorghum bicolor</i> (sorghum, 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</i>	biji (true seeds, grains), daun (leaves), media tanam (tanah) (growing media associated with plants (soil))	Indonesia: Jawa (Jawa Barat, Jawa Tengah, Jawa Timur), Kalimantan (Kalimantan Barat, Kalimantan Timur), Sumatera (Sumatera Barat, Lampung), Nusa Tenggara Timur, Sulawesi (Gorontalo, Sulawesi Selatan), Bali Africa: Benin, Botswana, Burkina Faso, Burundi, Egypt, Ethiopia, Ghana, Kenya, Malawi,



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			<i>mays</i> (jagung, corn, maize), <i>Zea mays</i> subsp. <i>Mexicana</i> (teosinte)		Mauritania, Mauritius, Mozambique, Nigeria, Rwanda, Somalia, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Bolivia, Brazil, Colombia, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Puerto Rico, USA, Uruguay, Venezuela Asia: Bangladesh, Cambodia, China, India, Iran, Israel, Japan, Nepal, Pakistan, Philippines, Taiwan, Thailand, Timor Leste, Vietnam, Yemen Europe: Italy Oceania: Australia
20.	[c]: <i>Peronospora manshurica</i> (Naumov) Syd., 1923;	II	<i>Glycine max</i> (kedelai, soyabean), <i>Glycine soja</i>	batang (stems (above	Indonesia: Jawa (Jawa Timur, Jawa Barat)

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	<p>(Syn. <i>Peronospora sojae</i> F. Lehm. &amp; F.A. Wolf, 1924, <i>Peronospora trifoliorum</i> var. <i>manshurica</i> Naumov, 1914); Oomycota, Peronosporales, Peronosporaceae; soybean downy mildew, embun bulu</p>			<p>ground), trunks, branches), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescence s, cones, calyx), daun (leaves), polong (pods), tunas (shoots)</p>	<p>Africa: Ethiopia, South Africa, Zimbabwe America: Argentina, Bermuda, Bolivia, Brazil, Canada, Colombia, Cuba, Mexico, Puerto Rico, USA Asia: China, DPR Korea (North Korea), Iran, Israel, Japan, Kazakhstan, Malaysia, Philippines, Republic of Korea (South 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, Russian Federation,</p>

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					Serbia, Slovakia, Slovenia, Sweden, Ukraine, United Kingdom Oceania: Australia, New Zealand
21.	[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); Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Phakopsoraceae; ampelopsis rust fungus, karat, rust	I	<i>Ampelopsis</i> , <i>Ampelopsis aconitifolia</i> (monkhood-vine), <i>Ampelocissus robinsonii</i> , <i>Ampelopsis heterophylla</i> , <i>Ampelopsis brevipedunculata</i> (Amur ampelopsis), <i>Cayratia</i> , <i>Cissus</i> , <i>Cissus yoshimurae</i> , <i>Meliosma</i> sp., <i>Meliosma myriantha</i> , <i>Partheocissus thunbergii</i> , <i>P. tricuspidata</i> , <i>Quinaria tricuspidata</i> , Vitaceae, <i>Vitis caribaea</i> , <i>Vitis coignatae</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, Republic of Korea (South Korea), Taiwan, Thailand Oceania: Australia
22.	[c]: <i>Phytophthora citrophthora</i> (R.E. Sm. & E.H. Sm.) Leonian, 1925; (Syn. <i>Phytophthora imperfect</i> var.	I	<i>Abies lasiocarpa</i> var. <i>arizonica</i> , <i>Acca sellowiana</i> , <i>Actinidia deliciosa</i> (kiwi),	akar (roots), batang (stems (above	Indonesia: Sulawesi (Sulawesi Tengah), Nusa Tenggara Timur

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	<p><i>citrophthora</i> (R. E. Sm. &amp; E. H. Sm.) Sarej., 1936, <i>Pythiacystis citrophthora</i> R. E. Sm. &amp; E. H. Sm., 1906); Oomycota, Peronosporae, Peronosporales, Peronosporaceae; brown rot of Citrus fruit, foot rot of citrus, cocoa black pod, stem necrosis, canker, seedling blight</p>		<p>Buxus, <i>Castanea sativa</i> (chestnut), <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), <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></p>	<p>ground), trunks, branches), biji (true seeds, grains), buah (fruits), daun (leaves), media tanam (growing media associated with plants), polong (pods), tunas (shoots)</p>	<p>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: Bangladesh, China, Georgia, India, Iran, Iraq, Israel, Japan, Jordan,</p>

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			(lavender), <i>Ligustrum vulgare</i> , <i>Mandevilla</i> spp., <i>Murraya</i> sp., <i>Nothofagus obliqua</i> (roble), <i>Pandorea jasminoides</i> , <i>Pelargonium graveolens</i> (rose geranium), <i>Picea abies</i> (common spruce), <i>Piper</i> <i>nigrum</i> (lada, pepper), <i>Pistacia</i> <i>vera</i> (pistachio), <i>Poncirus</i> <i>trifoliata</i> , <i>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus</i> <i>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</i> <i>sanguineum</i> , <i>Ribes lobbia</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</i> <i>verticillata</i> , <i>Sequoiadendron</i>		Kazakhstan, Kyrgyzstan, Lebanon, Malaysia, Pakistan, Philippines, Republic of Korea (South Korea), Taiwan, Tajikistan, Thailand, Turkey, Turkmenistan, Uzbekistan, Vietnam, Yemen Europe: Armenia, Azerbaijan, Belarus, Bulgaria, Cyprus, Czech Republic, Estonia, France, Greece, Hungary, Italy, Latvia, Lithuania, Moldova, Poland, Portugal, Russian Federation, Slovenia, Spain, Switzerland, Ukraine, United Kingdom Oceania: Australia, Cook Islands, Fiji, New Caledonia, New Zealand

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			<i>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> (blubberies)		
23.	[s]: <i>Pleospora allii</i> (Rabenh.) Ces. & De Not., 1863; (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,	I	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium cepa</i> var. <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>Glycine max</i> (kedelai, soyabean), <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>Pyrus communis</i> (pir, European pear), <i>Raphanus</i>	biji (true seeds), buah (fruits), daun (leaves), polong (pods)	Indonesia: Jawa, Nusa Tenggara Barat (Lombok) Africa: Egypt, Senegal, South Africa America: Argentina, Brazil, Canada, Chile, Jamaica, USA, Venezuela Asia: China, India, Iran, Iraq, Israel, Japan, Malaysia, Republic of Korea (South Korea), Saudi Arabia, Sri Lanka, Taiwan, United Arab Emirates Europe: Belgium, Cyprus, France, Germany, Greece, Italy,

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	<p>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 &amp; Mont.) Sacc., 1883, <i>Pleospora frangulae</i> Fuckel, 1870, <i>Pleospora gymnocladi</i> Bagnis, 1877, <i>Pleospora herbarum</i> (Pers.) Rabenh. ex Ces. &amp; 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>bupthalmi</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. &amp; Morini) Sacc. &amp; Traverso, 1911, <i>Pleospora herbarum</i> f. <i>cheiranthi-cheiri</i></p>		<p><i>sativus</i> (lobak, radish), <i>Solanum lycopersicum</i> (tomat, tomato)</p>		<p>Netherlands, Portugal, Slovakia, Spain, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand, Tonga, Vanuatu</p>

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	<p>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, <i>Pleospora herbarum</i> var. <i>coronillae</i> Gonz. Frag., 1917, <i>Pleospora herbarum</i> var. <i>coryphae</i> Cavara &amp; 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</i></p>				



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	<p><i>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. &amp; Broome, <i>Pleospora herbarum</i> var. <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 &amp; N. Coman, 1963, <i>Pleospora herbarum</i> var. <i>iridia</i> Cooke, <i>Pleospora herbarum</i> f. <i>lactucum</i> Padhi &amp; Snyder, 1954, <i>Pleospora herbarum</i> f. <i>lilii-martagonis</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. &amp; Har.) Mussat, 1901, <i>Pleospora herbarum</i> f. <i>lonicerae</i> Scalia,</p>				

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	<p>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 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</i></p>				

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	<p><i>herbarum f. rubiae</i> Scalia, 1901, <i>Pleospora herbarum</i> var. <i>rutae</i> Henn., 1903, <i>Pleospora herbarum f. rutae</i> Scalia, 1901, <i>Pleospora herbarum f. scillae</i> Scalia, 1900, <i>Pleospora herbarum f. scrophulariae</i> Scalia, 1900, <i>Pleospora herbarum</i> var. <i>silenicola</i> Speg., 1898, <i>Pleospora herbarum f. siliquaria</i> J. Kunze, 1876, <i>Pleospora herbarum f. smilacis</i> Scalia, 1900, <i>Pleospora herbarum f. 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. &amp; House, 1925, <i>Pleospora herbarum f. viburni</i> Scalia, 1901, <i>Pleospora labiatarum</i> Cooke &amp; Harkn., 1880, <i>Pleospora leguminum</i> (Wallr.) Rabenh., 1858, <i>Pleospora</i></p>				

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	<p><i>lolii</i> P. Karst. &amp; Har., 1890,  <i>Pleospora mali</i> Hesler, 1927,  <i>Pleospora meliloti</i> Rabenh., 1883,  <i>Pleospora meliloti</i> f. <i>achilleae</i>  Feltgen, 1903, <i>Pleospora meliloti</i>  var. <i>medicaginis</i> Cooke &amp; Masee,  1889, <i>Pleospora meliloti</i> var.  <i>meliloti</i> Rabenh., 1883, <i>Pleospora</i>  <i>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</i>  <i>putrefaciens</i> A. B. Frank, 1896,  <i>Pleospora salsolae</i> Fuckel, 1864,  <i>Pleospora salsolae</i> var. <i>basitricha</i>  (Durieu &amp; 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-</i>  <i>peruviana</i> Speg., 1883, <i>Pleospora</i>  <i>salsolae</i> f. <i>schoberiae</i> Sacc., 1880,  <i>Pleospora samarae</i> Fuckel, 1870,  <i>Pleospora sedicola</i> E. G.</p>				

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	<p>Simmons, 2001, <i>Pleospora tomatonis</i> E. G. Simmons, 2001, <i>Pleospora 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 &amp; Ellis, 1877, <i>Sphaeria excavata</i> var. <i>basitricha</i> Durieu &amp; 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.); [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</i></p>				

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	<p><i>putresfaciens</i> var. <i>crucipes</i> 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>Macrospproim cheiranthi</i> var. <i>echinellum</i> (Berk. &amp; 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,</p>				

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	<p><i>Macrosporium commune</i> var. <i>commune</i> Rabenh, 1870, <i>Macrosporium commune</i> f. <i>commune</i> Rabenh, 1870, <i>Macrosporium commune</i> var. <i>echinellum</i> (Berk. &amp; 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 &amp; Bubák, 1906, <i>Macrosporium commune</i> f. <i>leguminum</i> Roum., 1985, <i>Macrosporium commune</i> f. <i>musae</i> Berl. &amp; Roum., 1887, <i>Macrosporium commune</i> f. <i>pisi</i> Gonz. Frag., 1919, <i>Macrosporium commune</i> f. <i>ricinis-communis</i> Berl. &amp; 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. &amp; M. A. Curtis, 1867, <i>Macrosporium parasiticum</i> Thüm, 1877,</p>				

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	<p><i>Macrosporium sarcinula</i> Berk., 1838, <i>Macrosporium vesicarium</i> (Wallr.) Sacc., 1886, <i>Sporidesmium putrefaciens</i> Fuckel, 1870, <i>Stemphylium alfalfae</i> E. G. Simmons, 1986, <i>Stemphylium brassicicola</i> Y. F. Pei &amp; X. G. Zhang, 2010 , <i>Stemphylium commune</i> (Rabenh.) N. F. Buchw., 1939, <i>Stemphylium cremanthodii</i> Y. F. Pei &amp; X. G. Zhang, 2009, <i>Stemphylium herbarum</i> E. G. Simmons, 1986, <i>Stemphylium mali</i> Yong Wang bis &amp; X. G. Zhang, 2009, <i>Stemphylium parasiticum</i> (Thüm.) J. A. Elliott, 1924, <i>Stemphylium sedicola</i> E. G. Simmons, 2001, <i>Stemphylium tomatonis</i> E. G. Simmons, 2001); Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Pleosporaceae; onion leaf blight; garlic leaf blight;</p>				



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	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: Asparagus spp.				
24.	[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> var. <i>sclerotiorum</i> (Lib.) de Bary, 1884, <i>Whetzelinia sclerotiorum</i> (Lib.)	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.	akar (roots), batang (stems (above ground), trunks, branches), biji (true seeds, grains), buah (fruits), bunga (flowers, inflorescence s, cones, calyx), daun (leaves), tanaman, polong	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

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	<p>Korf &amp; 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); 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>Rapaceum</i> (celeriac), <i>Aquilegia</i> (Columbines), <i>Aquilegia</i> <i>flabellata</i>, <i>Arabidopsis</i> <i>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</i> <i>officinalis</i> (asparagus), <i>Aster</i> <i>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>Beta vulgaris</i> var. <i>saccharifera</i> (bit gula, sugar beet), <i>Borago</i> <i>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> (cauliflower), <i>Brassica</i> <i>oleracea</i> var. <i>capitata</i></p>	<p>(pods), tunas (shoots), umbi (bulbs, tubers, corms, rhizomes)</p>	<p>Asia: Bangladesh, China, Gaza, Georgia, India, Iran, Israel, Japan, Jordan, Lebanon, Nepal, Pakistan, Republic of Korea (South Korea), Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Turkey, Uzbekistan, Vietnam Europe: Albania, Austria, Azerbaijan, Belarus, Belgium, Bosnia andHerzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Macedonia, Malta, Moldova, Montenegro, Netherlands,</p>

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			(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. <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, chilli), <i>Carduus</i> (thistle), <i>Carthamus tinctorius</i> (kesumba, safflower), <i>Carum carvi</i> (jintan putih, caraway),		Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom Oceania: American Samoa, Australia, Fiji, New Zealand, Samoa

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			<p><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), Citrus, <i>Citrus aurantiifolia</i> (lemon, lime), <i>Citrus</i> <i>aurantium</i> (sour orange), <i>Citrus limonia</i> (mandarin lime), <i>Citrus maxima</i> (jeruk Bali, pummelo), <i>Citrus medica</i> (jeruk sukade, citron), <i>Citrus</i> <i>reticulata</i> (Jeruk Mandarin, mandarin), <i>Citrus sinensis</i> (jeruk, navel orange), <i>Citrus x</i> <i>paradisi</i> (grapefruit), <i>Corchorus olitorius</i> (yute, jute), <i>Coriandrum sativum</i> (ketumbar, coriander), <i>Cosmos bipinnatus</i> (garden</p>		

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			<p>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 coneflower), <i>Echium vulgare</i>, <i>Euphorbia pulcherrima</i> (kastuba, poinsettia), <i>Eustoma grandiflorum</i> (Lisianthus (cut</p>		

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			flower crop)), <i>Felicia amelloides</i> , <i>Foeniculum vulgare</i> (adas, fennel), <i>Fragaria ananassa</i> (stroberi, strawberry), <i>Gaillardia x grandiflora</i> , <i>Glycine max</i> (kedelai, soyabean), <i>Gossypium</i> (cotton), <i>Guizotia abyssinica</i> (niger), <i>Helianthus annuus</i> (sunflower), <i>Helianthus tuberosus</i> (Jerusalem artichoke), <i>Hibiscus cannabinus</i> (kenaf), <i>Hibiscus trionum</i> (Venice mallow), <i>Humulus</i> (hop), <i>Iberis sempervirens</i> (edging candytuft), <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Iris</i> (irises), <i>Lablab purpureus</i> (hyacinth bean), <i>Lactuca sativa</i> (selada, lettuce), <i>Lagenaria siceraria</i> (bottle gourd), <i>Lantana camara</i> (lantana), <i>Lavandula stoechas</i> ,		

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			<p><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),</p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			Petunia, Phaseolus (beans), <i>Phaseolus coccineus</i> (runner bean), <i>Phaseolus lunatus</i> (kacang kratok, lima bean), <i>Phaseolus radiata</i> (kacang hijau), <i>Phaseolus 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</i> <i>dulcis</i> (almon, badam, almond), <i>Prunus persica</i> (peach), <i>Prunus salicina</i> (Japanese plum), <i>Ranunculus</i> <i>asiaticus</i> (garden crowfoot), <i>Ranunculus repens</i> (creeping buttercup), <i>Rhaponticum</i> <i>repens</i> (Russian knapweed), <i>Rheum hybridum</i> (rhubarb), <i>Ricinus communis</i> (jarak kepyar, castor bean), Rosa (roses), <i>Rosmarinus officinalis</i>		



No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			(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, aubergine), <i>Solanum tuberosum</i> (kentang, potato), <i>Sonchus asper</i> , <i>Spinacia oleracea</i> (bayam, spinach), <i>Stevia rebaudiana</i> , <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> ,		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			<i>Xerochrysum bracteatum</i> , <i>Zinnia</i>		
25.	[c]: <i>Spongospora subterrana</i> (Wallr.) Lagerh., 1892; (Syn. <i>Erysibe subterranean</i> Wallr., 1892, <i>Sporosorium scabies</i> (Berk.) A. A. Fiscj. Waldh., 1877, <i>Spongospora scabies</i> (Berk.) Masee, 1908, <i>Tuburcinia scabies</i> Berk., 1846); Chromista, Cercozoa, Phytomyxea, Plasmodiophorida, Plasmodiophoridae; slimy rot, powdery scab, corky scab, corky scab: potato, powdery scab of potato, powdery scab: potato, tomato powdery scab	I	<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 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), <i>Ullucus tuberosus</i> (Ulluco)	akar (roots), bonggol, media tanam (tanah) (growing media associated with plants (soil)), umbi (bulbs, tubers, corms, rhizomes)  sebagai vektor: <i>Potato mop-top pomovirus</i>	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, Lebanon, Nepal, Pakistan, Philippines, Sri Lanka, Taiwan, Turkey Europe: Austria,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechoslovakia, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Macedonia, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Sweden, Switzerland, United Kingdom Oceania: Australia, New Zealand
26.	[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</i>	I	<i>Saccharum officinarum</i> (tebu, sugarcane)	batang (stems), bunga (flowers, inflorescence s, cones, calyx), daun	Indonesia: Jawa, Sulawesi (Sulawesi Selatan) Africa: Burkina Faso, Cameroon, Chad, Congo, DR Congo, Egypt, Ethiopia, Ghana, Ivory

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	<p><i>amadelpa</i> Syd., P. Syd. &amp; E.J. Butler, 1912, <i>Ustilago amadelpa</i> var. <i>amadelpa</i> Syd., P. Syd. &amp; E.J. Butler, 1912), <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]: - Basidiomycota, Ustilaginomycotina, Ustilaginomycetes, Ustilaginales, Ustilaginaceae; sugarcane pecut api, sugarcane smut</p>			(leaves), tunas (shoots)	Coast, Kenya, Madagascar, Malawi, Mali, Mauritius, Morocco, Mozambique, Niger, Nigeria, Réunion, Senegal, Somalia, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe America: Argentina, Barbados, 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

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					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 Europe: Armenia, Azerbaijan, Belarus, Latvia, Lithuania, Estonia, Moldova, Portugal, Ukraine, Russian Federation Oceania: Australia, Fiji
27.	[s]: - [a]: <i>Stagonospora sacchari</i> T.T. Lo & L. Ling, 1950; Ascomycota, Pezizomycotina, Dothideomycetes, Pleosporales, Phaeosphaeriaceae;	II	<i>Imperata cylindrica</i> (cogon grass), <i>Miscanthus japonica</i> , <i>Miscanthus sinensis</i> (eulalia), <i>Rottboellia cochinchinensis</i> (itch grass), <i>Saccharum officinarum</i> (tebu, sugarcane),	daun (leaves)	Indonesia: Jawa, Sumatera (Lampung) Africa: South Africa America: Argentina, Panama, Venezuela Asia: China, India,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	gosong daun tebu (sugarcane scorch), leaf scorch		<i>Saccharum spontaneum</i> (wild sugarcane)		Japan, Philippines, Taiwan, Thailand, Vietnam Oceania: Papua New Guinea
28.	[r]: <i>Uromycladium tepperianum</i> (Sacc.) McAlpine, 1906; (Syn. <i>Coemurus</i> <i>tepperianus</i> (Sacc.) Kuntze, 1898, <i>Uromyces tepperianus</i> Sacc., 1889); Basidiomycota, Pucciniomycotina, Pucciniomycetes, Pucciniales, Pileolariaceae; rust, gall rust	I	<i>Acacia saligna</i> (akasia, Port jackson wattle), <i>Albizia</i> <i>falcataria</i> (sengon, silk tree)	batang (stems), bibit (seedlings)	Indonesia: Bali, Jawa (Jawa Barat, Jawa Tengah, Jawa Timur), Maluku, Sulawesi, Sumatera (Bengkulu), Nusa Tenggara Barat (Lombok) Africa: South Africa Asia: Filipina, Malaysia Oceania: Australia, Papua New Guinea

7. BAKTERI (BACTERIA)

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.	<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	<i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Cucurbita moschata</i> (pumpkin), <i>Cucurbita pepo</i> (labu kuning, zukini, zucchini), <i>Cucumis melo</i> (melon), <i>Cucumis sativus</i> (mentimun, cucumber), <i>Citrullus vulgaris</i> (semangka, watermelon), <i>Piper betle</i> (sirih, betel)	biji (true seed), daun (leaves), buah (fruits), batang (stems), bibit (seedlings)	Indonesia: Jawa (Jawa Tengah, Jawa Timur, DIY) America: Brazil Canada, Costa Rica, Nicaragua, Trinidad and Tobago, USA Asia: China, Iran, Israel, Japan, Malaysia, Taiwan, Thailand, Turkey Europe: Greece, Hungary, Italy Oceania: Australia, Guam, Northern Mariana Island
2.	<i>Clavibacter michiganensis subsp. michiganensis</i> (Smith 1910) Davis <i>et al.</i> 1984; (Syn. <i>Aplanobacter michiganensis</i> (Smith) Smith 1914), <i>Bacterium michiganense</i> Smith 1910,	I	<i>Capsicum annuum</i> (paprika, cabai, bell-pepper, red pepper), <i>Capsicum frutescens</i> (cabai rawit, hot pepper, chilies), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum</i>	akar (roots), batang (stems), bunga (inflorescences),	Indonesia: Jawa (DIY), Kalimantan (Kalimantan Timur, Kalimantan Utara), Sumatera (Sumatera Barat, Sumatera Selatan)

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	<p><i>Corynebacterium michiganense</i> (Smith 1910) Jensen 1934, <i>Corynebacterium michiganense pv. michiganense</i> (Smith) Dye and Kemp 1977, <i>Corynebacterium michiganense subsp. 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> (Smith) Stevens); bacterial canker of tomato, bird's eye spot, vascular tomato wilt, bacterial wilt</p>		<p><i>melongena</i> (terung, eggplant, aubergine), <i>Solanum mammosum</i>, <i>Solanum Dauglasii</i> (greenspot nightshade), <i>Solanum Nigrum</i> (lenca, ranti, black nightshade), <i>Solanum Triforum</i> (cutleaf nightshade)</p>	<p>buah(fruits), biji (true seed), daun (leaves), media tanam (growing media)</p>	<p>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: China, Georgia, India, Iran, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Republic of Korea (South Korea), Syria, Tajikistan, Turkmenistan, Turkey, Uzbekistan Europe: Armenia, Austria, Azerbaijan,</p>



No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Romania, Russia, Serbia, Slovenia, Spain, Switzerland, Ukraine Oceania: Australia, Fiji, Guam, New Caledonia, New Zealand, Tonga
3.	<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 al.</i> 1975,	I	<i>Allium</i> spp. (bawang-bawangan), <i>Ananas comosus</i> (nanas, pineapple), <i>Brachiaria</i> sp, <i>Chrysanthemum</i> sp. (krisan, chrysanthemum), <i>Musa</i> sp. (pisang, banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Oryza sativa</i> (padi,	benih (true seed), bahan perbanyakan vegetatif (vegetative propagation material), umbi (bulbs,	Indonesia: Kalimantan (Kalimantan Barat), Sulawesi (Sulawesi Barat), Sumatera (Lampung) Africa: Comoros, Egypt, Mauritius, Réunion, South Africa, Sudan,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	<i>Erwinia maydis</i> Kelman <i>et al.</i> 1957, <i>Pectobacterium carotovorum</i> f.sp <i>zear</i> (Sabet) Dowson 1957, <i>Pectobacterium carotovorum</i> var. <i>graminarum</i> Dowson and Hayward 1960, <i>Pectobacterium chrysanthemi</i> pv. <i>zear</i> Kelman 1974); bacterial stalk rot of maize, bacterial wilt and soft rot of pineapple, stalk rot of maize		paddy, rice), <i>Phalaenopsis</i> sp. (angrek bulan, moth orchid), <i>Solanum tuberosum</i> (kentang, potato), <i>Zea mays</i> (jagung, corn, maize)	corms, tubers), batang (stems), daun (leaves), media tanam (growing media), tanah (soils)	Zimbabwe America: Brazil, Colombia, Costa Rica, Cuba, Guyana, Honduras, Jamaica, Mexico, Panama, Puerto Rico, USA Asia: China, DPR Korea (North Korea), India, Iran, Japan, Malaysia, Philippines, Republic of Korea (South Korea), Taiwan Europe: France, Germany, Greece, Italy, Netherlands, Portugal, Russian Federation, Spain, Switzerland, United Kingdom Oceania: Australia, Cook Islands, New Zealand
4.	<i>Leifsonia xyli</i> subsp. <i>xyli</i> (Davis <i>et al.</i> 1984) <i>Evtushenko et al.</i> 2000); (Syn. <i>Clavibacter xyli</i> Davis <i>et al.</i>	I	<i>Brachiaria</i> spp., <i>Chloris gayana</i> , <i>Cynodon dactylon</i> (rumput bermuda, bermuda	akar (roots), batang (stems), bibit	Indonesia: Jawa, NTT (Sumba) Africa: Burkina Faso,

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
	1984), <i>Clavibacter xyli subsp. xyli</i> Davis <i>et al.</i> 1984); ratoon stunting of sugarcane, sugarcane ratoon stunting disease		grass), <i>Echinochloa colonum</i> , <i>Imperata cylindrica</i> (alang- alang, cogon grass), <i>Panicum</i> <i>maximum</i> (rumput Benggala, Guinea grass), <i>Pennisetum</i> <i>purpureum</i> (rumput gajah, elephant grass), <i>Rhynchelytrum repens</i> , <i>Saccharum</i> , <i>Saccharum</i> <i>officinarum</i> (tebu, sugarcane), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Zea mays</i> (jagung, corn, maize)	(seedlings), bunga (inflorescence s), mata tunas (buds), stek (cuttings)	Cameroon, Comoros, Egypt, Ethiopia, Djibouti, DR Congo, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mauritius, Mozambique, Nigeria, Réunion, Seychelles, Somalia, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zimbabwe America: Antigua and Barbuda, Argentina, Barbados, Belize, Bolivia, Brazil, Colombia, Cuba, Dominican Republic, El Salvador, French Guiana, Guadeloupe, Guyana, Hawaii, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Saint Kitts and Nevis, Trinidad and Tobago, Uruguay, USA, Venezuela

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
					Asia: Bangladesh, China, India, Japan, Malaysia, Myanmar, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand Europe: Spain Oceania: Australia, Fiji
5.	<i>Pantoea ananatis</i> (Serrano, 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>ananas</i> (Serrano, 1928)	I	<i>Allium cepa</i> (bawang bombay, onion), <i>Allium fistulosum</i> (bawang daun, welsh onion), <i>Ananas comosus</i> (nanas, pineapple), <i>Arachis hypogaea</i> (kacang tanah, peanut), <i>Cucumis melo</i> (melon, muskmelon), <i>Eucalyptus grandis</i> (ekaliptus, saligna gum), <i>Eucalyptus nitens</i> (shining gum), <i>Gossypium hirsutum</i> (kapas, cotton), <i>Oryza sativa</i> (padi, paddy, rice), <i>Prunus persica</i> (persik, peach), <i>Saccharum officinarum</i> (tebu, sugarcane), <i>Solanum lycopersicum</i> (tomat, tomato),	tunas (buds, shoots), buah (fruits), biji (true seed), batang (stems), umbi (bulb, corm, tuber), daun (leaves), tanaman hasil mikropropagasi (planlet) (micropropagated plants),	Indonesia: Jawa (Jawa Tengah), Sulawesi (Sulawesi Barat, Sulawesi Selatan), Sumatera (Barat) Africa: Benin, Morocco, Nigeria, South Africa, Togo, Zimbabwe America: Argentina, Brazil, Guatemala, Guyana, Haiti, Mexico, Puerto Rico, USA, Venezuela Asia: Cambodia, China, India, Japan, Malaysia, Philippines, Republic of Korea (South Korea),

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/ HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR / GEOGRAPHICAL DISTRIBUTION
	Mergaert <i>et al.</i> 1993, <i>Pantoea ananatis</i> pv. <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> ); andandand fruitlet rot of pineapple, brown rot of pineapple, marbling disease (of pineapple fruit), pink disease of pineapple		<i>Sorghum bicolor</i> (sorgum, sorghum), <i>Zea mays</i> (jagung, corn, maize)		Taiwan Europe: Italy, Poland, Russia Oceania: Australia
6.	<i>Pantoea 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) 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	<i>Agrostis alba</i> , <i>Agrostis gigantea</i> (black bent), <i>Artocarpus heterophyllus</i> (nangka, jack fruit), <i>Avena sativa</i> (haver, oat), <i>Coix lacryma-jobi</i> , <i>Echinochloa americana</i> , <i>Cucumis sativus</i> (mentimun, cucumber), <i>Dracaena sanderiana</i> , <i>Panicum</i> spp., Poaceae (Gramineae), <i>Saccharum officinarum</i> (tebu, sugarcane),	akar (roots), batang (stems), biji (true seed), bunga (inflorescence s), daun (leaves) Vektor: <i>Chaetocnema pulicaria</i> , <i>Agrotis</i>	Indonesia: Jawa, Nusa Tenggara Barat (Lombok), Sulawesi, Sumatera Africa: Benin, Togo America: Argentina, Bolivia, Brazil, Canada, Costa Rica, Guyana, Mexico, Paraguay, Puerto Rico, Peru, Trinidad and Tobago, USA Asia: China, India, Malaysia, Republic of

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	<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>Setaria pumila</i> , <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Trapsacum</i> spp., <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 mays</i> subsp. <i>parviglumis</i> , <i>Zea mexicana</i> (teosinte), <i>Zea perennis</i>	<i>manchus</i> , <i>Chaetocnema denticulata</i> , <i>Diabrotica nigricornis</i> , <i>D. undecimpuncta</i> , <i>D. versifera</i> , <i>Hylemya cilicrura</i>	Korea (South Korea), Thailand, Europe: Italy, Slovenia, Ukraine
7.	<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>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	I	<i>Abelmoschus esculentus</i> (okra, achra), <i>Agaricus</i> , <i>Allium sativum</i> (bawang putih, garlic), <i>Arracacia xanthorrhiza</i> (arracacha), <i>Apium graveolens</i> (seledri, celery), <i>Barleria cristata</i> (philippine violet), <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 rapa</i> ssp. <i>oleifera</i>	batang (stems), bibit (seedlings), biji (seeds), daun (leaves), bunga (inflorescence s), organ vegetatif (vegetative material), tunas (buds, shoots)	Indonesia: Jawa (Jawa Barat) Africa: Burundi, South Africa, Tanzania America: Argentina, Barbados, Brazil, Canada, Chile, Cuba, Hawaii, Puerto Rico, USA Asia: China, India, Iran, Japan, Republic of Korea (South Korea), Taiwan, Turkey Europe: France,

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	of endive, bacterial leaf spot, midrib rot, leaf spot and blighting		(turnip rape), <i>Brassica rapa</i> subsp. <i>chinensis</i> (Chinese cabbage), <i>Brassica rapa</i> subsp. <i>pekinensis</i> (Pe-tsai), <i>Calendula officinalis</i> (Pot marigold), Camellia, Capsicum (peppers), <i>Capsicum annuum</i> (paprika, cabai, bell pepper), <i>Carthamus tinctorius</i> (kesumba, safflower), <i>Centaurea cyanus</i> (cornflower), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Coffea arabica</i> (arabica coffee), Cyclamen, <i>Chrysanthemum</i> (daisy), <i>Chrysanthemum coronarium</i> (garland chrysanthemum), <i>Chrysanthemum morifolium</i> (chrysanthemum (florists)), <i>Chrysanthemum vestitum</i> , <i>Cichorium endivia</i> (endives), <i>Cichorium endivia</i> subsp. <i>endivia</i> (endives), <i>Cichorium</i>		Germany, Greece, Italy, North Macedonia, Portugal, Russian Federation, Spain, Ukraine, United Kingdom Oceania: Australia, New Caledonia, New Zealand

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			<p><i>endivia</i> var. <i>crispum</i> (Winter endive), <i>Cichorium intybus</i> (chicory), <i>Dahlia</i> sp., <i>Daucus carota</i> (wortel, carrot), <i>Ficus lyrata</i> (fiddle-leaf fig), <i>Gerbera</i> (Barbeton daisy), <i>Gerbera jamesonii</i> (African daisy), <i>Glycine max</i> (kedelai, soyabean), <i>Hibiscus rosa-sinensis</i> (China-rose), <i>Hedera helix</i> (ivy), <i>Helianthus</i> (bunga matahari, sunflower), <i>Hydrangea</i> (hydrangeas), <i>Lactuca sativa</i> (selada, lettuce), <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. (banana), <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (kemangi, basil), <i>Panax ginseng</i> (Asiatic ginseng), <i>Papaver nudicaule</i></p>		



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			(Iceland poppy), <i>Papaver orientale</i> (Oriental poppy), <i>Pernettya mucronata</i> (prickly heath), <i>Phaseolus vulgaris</i> (buncis, common bean), <i>Potentilla</i> (Cinquefoil), <i>Primula polyantha</i> , <i>Prunus persica</i> (persik, peach), <i>Pyracantha</i> (Firethorn), <i>Pyrus communis</i> (pir, pear), <i>Pelargonium</i> (pelargoniums), <i>Ranunculus acris</i> (meadow buttercup), <i>Rhododendron catawbiense</i> , <i>Scindapsus</i> , <i>Solanum melongena</i> (terung, eggplant, aubergine), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Spathiphyllum</i> , <i>Triticum aestivum</i> (gandum, wheat), <i>Vigna angularis</i> (adzuki bean), <i>Viburnum</i> , <i>Xanthosoma brasiliens</i>		
8.	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i> (Smith and Bryan) Young	I	<i>Benincasa hispida</i> (bligo, wax gourd), <i>Cucumis sativus</i>	batang (stems), biji	Indonesia: Jawa (Jawa Barat, Jawa Tengah,

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	<p>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 leaf spot</p>		<p>(mentimun, cucumber), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Cucumis anguria</i>, <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)</p>	<p>(true seed), bibit (seedlings), buah (fruits), daun (leaves), kulit (bark), planlet</p>	<p>Banten), Sumatera (Sumatera Selatan) Africa: Algeria, Egypt, Gabon, Kenya, South Africa, Zimbabwe America: Argentina, Brazil, Canada, Colombia, Guadeloupe, Martinique, Mexico, Nicaragua, Puerto Rico, USA, Venezuela Asia: China, DPR Korea (North Korea), India, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Lao PDR (Laos) Philippines, Republic of Korea (South Korea), Tajikistan, Thailand, Turkey, Uzbekistan Europe: Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark,</p>

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					France, Germany, Greece, Hungary, Italy, Moldova, Montenegro, Netherlands, North Macedonia, Poland, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Switzerland, Ukraine, UK Oceania: Australia, New Zealand
9.	<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	I	<i>Cannabis sativa</i> (hemp), <i>Morus</i> sp., <i>Morus bombycis</i> (Japanese mulberry), <i>Morus nigra</i> (black mulberry), <i>Morus rubra</i> (red mulberry tree), <i>Morus alba</i> (murbei, mulberry), <i>Morus</i> (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, Caribbean, USA Asia: China, DPR Korea (North Korea), Georgia, India, Iran, Japan, Kazakhstan, Kyrgyzstan, Pakistan, Republic of Korea (South Korea), Tajikistan,

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	bacterial, mulberry leaf spot				Turkmenistan, Turkey, Uzbekistan Europe: Armenia, Azerbaijan, Belarus, Bulgaria, Czech Republic, Estonia, France, Germany, Hungary, Italy, Latvia, Lithuania, Moldova, Russia, Romania, Slovakia, United Kingdom, Ukraine Oceania: Australia, New Zealand
10.	<i>Pseudomonas viridiflava</i> (Burkholder 1930) Dowson 1939; (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	I	<i>Actinidia deliciosa</i> (kiwi, kiwifruit), <i>Allium cepa</i> (bawang bombay, onion), <i>Anethum graveolens</i> (dill), <i>Apium graveolens</i> (seledri, celery), <i>Apium graveolens</i> var. <i>dulce</i> (seledri, celery), <i>Brassica</i> spp., <i>Capsicum annuum</i> (paprika, cabai, bell pepper), <i>Cucumis melo</i> (melon, muskmelon), <i>Cucumis sativus</i> (mentimun),	akar (roots), batang (stems), bibit (seedlings), biji (true seed), daun (leaves), buah (fruits), bunga (inflorescence), media tanam	Indonesia: Jawa (Jawa Timur) Africa: Algeria, Egypt, Kenya, Morocco, Tanzania, Uganda America: Argentina, Brazil, Uruguay, USA, Venezuela Asia: China, Iran, Japan, Jordan, Nepal, Republic of Korea (South Korea),

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	tomato; bacterial blossom blight of kiwi		cucumber), <i>Citrullus lanatus</i> (semangka, watermelon) <i>Cucurbita maxima</i> (waluh, labu parang, pumpkin), <i>Hydrangea</i> (hydrangeas), <i>Solanum lycopersicum</i> (tomat, tomato), <i>Actinidia chinensis</i> (Chinese gooseberry), <i>Allium fistulosum</i> (bawang daun, welsh onion), <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>Calendula officinalis</i> (Pot marigold), <i>Capsicum frutescens</i> (cabai rawit, chilli), <i>Carthamus tinctorius</i> (kesumba, safflower), <i>Chrysanthemum indicum</i> (krisan, chrysant), <i>Cichorium endivia</i> (endives), <i>Citrus aurantium</i> (jeruk, sour	(growing media), tanaman hasil mikropropagasi (micropropagated plants)	Saudi Arabia, Turkey Europe: Belgium, Bulgaria, Bosnia and Herzegovina, Croatia, Czech Republic, France, Germany, Greece, Hungary, Italy, Montenegro, Netherlands, North Macedonia, Poland, Portugal, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Switzerland, United Kingdom Oceania: Australia, New Zealand

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			orange), <i>Citrus macrophylla</i> (alemow), <i>Citrus sinensis</i> (jeruk manis, navel orange), <i>Cyclamen persicum</i> (cyclamens), <i>Cynara</i> <i>cardunculus</i> (artichoke), <i>Eschscholzia californica</i> (california poppy), <i>Euphorbia</i> <i>pulcherrima</i> (poinsettia), <i>Eutrema wasabi</i> (wasabi), <i>Forsythia suspensa</i> , <i>Glycine</i> <i>max</i> (kedelai, soyabean), <i>Lablab purpureus</i> (hyacinth bean), <i>Lotus corniculatus</i> (bird's-foot trefoil), <i>Lupinus</i> <i>angustifolius</i> (lupin), <i>Malus</i> <i>domestica</i> (aple, apel), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Nicotiana rustica</i> (wild tobacco), <i>Papaver</i> (poppies), <i>Papaver nudicaule</i> (Iceland poppy), <i>Passiflora</i> <i>edulis</i> (markisa, passionfruit), <i>Pastinaca sativa</i> (parsnip),		

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			<p><i>Petroselinum crispum</i> (peterseli, parsley), <i>Petunia hybrida</i>, <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>Prunus armeniaca</i> (aprikot, apricot), <i>Prunus avium</i> (sweet cherry), <i>Pseudopanax</i>, <i>Pyruscommunis</i> (European pear), <i>Rosa</i> (mawar, roses), <i>Sorghum bicolor</i> (sorgum, sorghum), <i>Sorghum sudanense</i> (Sudan grass), <i>Tanacetum coccineum</i> (common pyrethrum), <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></p>		

No.	NAMA ILMIAH/SINONIM/KLASIFIKASI/ NAMA UMUM (SCIENTIFIC NAME/ SYNONIM/ TAXON/ COMMON NAME)	GOLONGAN /GROUP	INANG/HOST	MEDIA PEMBAWA /PATHWAY	DAERAH SEBAR /GEOGRAPHICAL DISTRIBUTION
			(kacang panjang, cowpea), <i>Viola</i> (violet), <i>Vitis vinifera</i> (anggur, grapevine), <i>Zea mays</i> (jagung, maize, corn), <i>Zinnia</i> <i>elegans</i> (zinnia)		
11.	<i>Ralstonia syzygii</i> subsp. <i>syzygii</i> ; (Syn. <i>Ralstonia syzygii</i> , <i>Pseudomonas</i> <i>syzygii</i> ); Sumatera disease of clove, bacterial wilt of potato	I	<i>Eugenia</i> spp., <i>Syzygium</i> <i>aromaticum</i> (cengkeh, clove), <i>Syzygium</i> spp.	akar (roots), batang (stems), bibit (seedlings), daun (leaves)  Vektor: Hemiptera, Machaerotida e: <i>Hindola</i> spp.	Indonesia: Bali, Jawa, Kalimantan (Kalimantan Selatan), Maluku, Sulawesi, Sumatera (Lampung)
12.	<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	<i>Aegle marmelos</i> (maja, golden apple), <i>Ageratum conyzoides</i> (babandotan, billy goat weed), <i>Casimiroa edulis</i> (white sapote), <i>Citrus</i> spp, <i>Eremocitrus glauca</i> (Australian desert lime), <i>Fortunella</i> <i>japonica</i> (round kumquat),	Buah (fruits), daun (leaves, ranting (twigs), tanah (soil)	Indonesia: Jawa, Papua Afrika: Benin, Burkina Faso, Comoros DR Congo, Ivory Coast, Ethiopia, Gabon, Madagascar, Mali, Mauritius, Mayotte, Mozambique, Reunion,



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	<p><i>aurantifolii</i> Gabriel et al., 1989, <i>Xanthomonas campestris</i> pv. <i>citri</i> (Hasse 1915) Dye 1978, <i>Xanthomonas citri</i> f.sp. <i>aurantifoliae</i> Namekata &amp; Oliveira 1972), <i>Xanthomonas fuscans</i> ssp. <i>aurantifolii</i> Schaad et al. 2005, <i>Xanthomonas</i> <i>smithii</i> subsp. <i>citri citri</i> (Gabriel et al. 1989) Schaad et al. 2007; Citrus canker</p>		<p><i>Fortunella margarita</i> (oval kumquat), <i>Limonia acidissima</i> (elephant apple), <i>Mangifera</i> <i>indica</i> (manga, mango), <i>Poncirus trifoliata</i> (trifoliata orange)</p>		<p>Senegal, Seychelles, Somalia, Sudan, Tanzania America: Argentina, Bolivia, Brazil, USA, Paraguay, 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, Saudi Arabia, Singapore, Republic of Korea (South Korea), Sri Lanka, Taiwan, Thailand, United Arab Emirates, Vietnam, Yemen Oceania: Australia, Fiji, Guam, Marshall Islands,</p>

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					Palau, Papua New Guinea, Solomon Islands, Timor Leste

8. VIRUS (VIRUSES)

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.	<i>Banana streak badnavirus</i> (BSV); (Syn. <i>Banana streak disease</i> , <i>Banana streak virus</i> , <i>Banana streak GF Virus</i> , <i>Banana streak mysorevirus</i> , <i>Banana streak OL virus</i> )	I	<i>Heliconia</i> sp. (pisang hias), <i>Musa</i> spp. (pisang)	bibit (seedlings, micropropagated plants), bonggol (setts), biji (true seeds, grains), daun (leaves)	Indonesia: Jawa Barat, Sumatera (Lampung) Africa: Benin, Canary Islands, Cameroon, Cape Verde, Egypt, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Malawi, Mauritius, Morocco, Nigeria, Rwanda,

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				Vector <i>Pseudococcida</i> <i>e (planococcus</i> <i>citri)</i>	South Africa, Tanzania, Uganda America: Brazil, Colombia, Costa Rica, Cuba, Ecuador, Grenada, Guadeloupe, Haiti, Honduras, Jamaica, Nicaragua, Puerto Rico, 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 Caledonia, Papua New Guinea, Samoa, Tonga
2.	<i>Carnation mottle alphacarmovirus</i> (CarMV); (Syn. <i>Carnation mottle virus</i> , <i>Carnation</i> <i>mottle carmovirus</i> )	I	<i>Begonia</i> spp., <i>Daphne odora</i> (fragrant daphne), <i>Dianthus</i> <i>barbatus</i> (sweets williams), <i>Dianthus caryophyllus</i> (carnation), <i>Dianthus superbus</i>	akar (roots), batang (stems (above grounds), trunks,	Indonesia: Jawa (Jawa Barat) Africa: Egypt America: Argentina, Brazil, Canada, Chile.

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			(fringed print), <i>Saponaria officinalis</i> (soapwort), <i>Phalaenopsis</i> sp., <i>Vaccaria hispanica</i> , <i>Zantedeschia</i> spp. (calla lily)	branches), bibit (seedlings, micropropagated plants), bunga (flowers, inflorescences), daun (leaves), suluran (stolon), tunas (shoots, buds)  Vektor: <i>Aphis gossypii</i>	Colombia, Cuba, Georgia, Mexico, USA, Venezuela Asia: China, India, Iran, Israel, Japan, Lebanon, Kazakhstan, Kyrgystan, Republic of Korea, Taiwan, Tajikistan, Turkmenistan, Turkey, Uzbekistan Europe: Armenia, Azerbaijan, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, France, Germany, Latvia, Lithuania, Moldova, Hungary, Italy, Ukraine, Russia, Slovakia Oceania: Australia, New Zealand
3.	<i>Citrus exocortis</i> pospiviroid (CEVd); (Syn. <i>Citrus exocortis</i> viroid, <i>citrus exocortis</i> )	I	<i>Brassica rapa</i> subsp. <i>oleifera</i> (turnip rape), <i>Citroncirus webberi</i> (citrangle), <i>Citrus limon</i> (lemon), <i>Citrus limonia</i> (jeruk limau, mandarin lime), <i>Citrus</i>	akar (roots), batang (stems (above ground), trunks,	Indonesia: Jawa (Jawa Timur) Africa: Algeria, Cameron, Egypt, Ethiopia, Ghana, Ivory coast, Libya,

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			<p><i>reticulata</i> x <i>Poncirus trifoliata</i> (citrumelo), <i>Poncirus trifoliata</i> (trifoliata orange), <i>Chrysanthemum vestitum</i>, Citrus, <i>Daucus carota</i> (wortel, carrot), <i>Gynura aurantiaca</i> (java velvet plant), <i>Gynura procumbens</i>, <i>Impatiens 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> (kentang, potato), <i>Tagetes patula</i> (French marigold), Verbana, <i>Vicia faba</i> (kacang babi, broad bean), <i>Vitis vinifera</i> (anggur, grapevine)</p>	<p>branches), bibit (seedlings, micropropagated plants), biji (true seeds, grains), bunga (flowers, inflorescences), buah (fruits), daun (leaves), tanaman (whole plants), tunas (shoots, buds)</p>	<p>Madagascar, Mauritius, Morocco, Mozambique, Nigeria, Sierra Leone, Somalia, South Africa, Sudan, Tunisia, America: Canada, Cuba, Guadeloupe, Jamaica, Martinique, Mexico, Trinidad and Tobago, USA, Asia: 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, Bosnia and Herzegovina, Croatia, Cyprus, France, Germany, Greece, Italy, Montenegro, North</p>

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					Macedonia, Netherlands, Portugal, Russian Federation, Serbia, Slovenia, Portugal, Russia, Spain Oceania: Australia, Cook Islands, Fiji, French Polynesia, New Zealand, Papua New Guinea, Semoa
4.	<i>Cacao swollen shoot badnavirus (CSSV);</i> (Syn. <i>Cacao swollen shoot virus, Cacao vein clearing virus, Cacao virus I, Cocoa swollen shoot badnavirus, Theobroma virus I</i> )	I	<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)  Vektor:	Indonesia: Jawa (Jawa Tengah, DIY, Jawa Timur) Africa: Ghana, Ivory Coast, Nigeria, Northwest Africa, Sierra Leone, Togo Asia: Sri Lanka

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				Hemiptera, Pseudococcida e: <i>Delococcus</i> <i>tafoensis</i> , <i>Ferrisia</i> <i>virgata</i> , <i>Paraputo</i> <i>anomalous</i> , <i>Phenacoccus</i> <i>hargreavesi</i> , <i>Planococcoides</i> <i>njalensis</i> , <i>Planococcus</i> <i>citri</i> , <i>Pseudococcus</i> <i>concauocerrari</i> , <i>Pseudococcus</i> <i>longis</i>	
5.	<i>Cymbidium ringspot tombusvirus</i> (CymRSV); (Syn. <i>Cymbidium ringspot virus</i> )	I	<i>Cymbidium</i> , <i>Trifolium repens</i> (semanggi putih, white clover), <i>Vigna</i> <i>unguiculata</i> (kacang tunggak, cowpea)	tanaman (whole plants)	Indonesia: Jawa (Jawa Barat), Europe: United Kingdom

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6.	<i>Fiji disease fjiivirus</i> (FDV) (Syn. <i>Sugarcane Fiji disease fjiivirus</i> , <i>Sugarcae Fiji disease virus</i> , <i>Saccharum</i> <i>virus 2</i> , <i>Galla fjinensis</i> )	I	<i>Saccharum officinarum</i> (tebu, sugarcane)	bibit (seedlings, micropropagat ed plants), tanaman (whole plants)  Vektor: <i>Leaf</i> <i>hopper</i>	Indonesia: Papua, Sulawesi Africa: Madagascar Asia: Malaysia, Philippines, Thailand Oceania: Australia, Fiji, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu
7.	<i>Onion yellow dwarf potyvirus</i> (OYDV); (Syn. <i>Allium virus 1</i> , <i>Garlic mosaic</i> <i>virus</i> , <i>Garlic yellow streak virus</i> , <i>Marmor cepae</i> , <i>Onion yellow dwarf</i> <i>virus</i> )	I	<i>Allium</i> spp.	akar (roots), bibit (seedlings, micropropagat ed plants), buah (fruits), bunga (flowers, inflorescences) , daun (leaves), umbi (bulbs, corms, tubers)	Indonesia: Jawa, Bali, Nusa Tenggara Barat (Lombok, Sumbawa), Sulawesi (Sulawesi Selatan) Africa: Egypt, Morocco, Nigeria, South Africa America: Argentina, Brazil, Canada, Chile, Cuba, USA, Uruguay Asia: China, India, Iran, Iraq, Israel, Japan, Thailand, Taiwan, Turkey, Tunisia, Vietnam



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				Vector: <i>Myzus persicae</i> dan aphid lainnya	Europe: Austria, Bosnia and Herzegovina, Croatia, Czech Republic, Denmark, Ecuador, 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 New Guinea
8.	<i>Papaya ringspot potyvirus</i> (PRSV) P; (Syn. <i>Distorsion ring spot of papaya</i> , <i>Mosaic of papaya</i> , <i>Papaya distortion mosaic virus</i> , <i>Papaya leaf distortion virus</i> , <i>Papaw distortion ringspot virus</i> , <i>Papaw mosaic virus</i> , <i>Ringspot of papaya</i> .)	I	<i>Carica papaya</i> (pepaya, papaya), Cucurbitaceae	bibit (seedlings, micropropagated plants), buah (fruits), bunga (flowers, inflorescences)	Indonesia: Sumatera (NAD, Sumatera Utara, Riau, Sumatera Selatan), Jawa (DIY), Bali, Nusa Tenggara Barat Africa: Egypt, Ivory Coast, Mauritius, Nigeria, Tanzania, Tunisia,

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				, daun (leaves), 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>	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: France, Germany, Italy Oceania: Australia, Cook Island, Solomon Island, Tonga
9.	<i>Shallot yellow stripe potyvirus</i> (SYSV) (Syn. <i>Shallot yellow stripe virus</i> )	I	<i>Allium ascalonicum</i> (bawang merah, shallot), <i>Allium cepa</i> var. <i>ascalonicum</i> (bawang	bibit (seedlings, micropropagat	Indonesia: Jawa, Bali, Nusa Tenggara Barat (Lombok, Sumbawa),

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			merah, shallot), <i>Allium cepa</i> (bawang bombai, onion), <i>Allium cepa</i> var. <i>cepa</i> , <i>Allium sativum</i> (bawang putih, garlic), <i>Lilium formosanum</i> (tiger lily)	ed plants), umbi (bulbs, corms, tubers)  Vektor: Hemiptera, Aphididae: <i>Acyrtosiphon</i> <i>pisum</i> , <i>Myzus</i> <i>cymbalariae</i>	Sulawesi (Selatan) Asia: China, Thailand
10.	<i>Squash mosaic comovirus</i> (SqMV); (Syn. <i>Cucurbit ring mosaic virus</i> , <i>Muskmelon mosaic como virus</i> , <i>Muskmelon necrotic mosaic virus</i> , <i>Squash mosaic comovirus</i> , <i>Pumpkin</i> <i>mosaic virus</i> , <i>Watermelon stunt virus</i> )	I	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</i> <i>pepo</i> (labu kuning, zukini, zucchini), <i>Luffa acutangula</i> (oyong), <i>Sechium edule</i> (labu siam, chayotes)	biji (true seeds, grains), tanaman (whole plants)  Vektor: Coleoptera, Chrysomelida e: <i>Acalymma</i> <i>trivittata</i> , <i>Acalymma</i> <i>thiemei</i> , <i>Diabrotica</i> <i>undecimpunct</i>	Indonesia: Jawa (Jawa Barat) Africa: Egypt, Morocco, Tunisia America: Argentina, Brazil, Canada, Chile, Honduras, Jamaica, Mexico, Montserrat, Puerto Rico, USA, Venezuela Asia: Bangladesh, China, India, Iran, Israel, Japan, Jordan, Kazakhstan, Lebanon, Philippines,

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				<i>ata, Diabrotica bivittula;</i> Coleoptera, Coccinellidae: <i>Epilachna chrysomelina;</i> <i>Epilachna paenulata</i>	Syria, Turkey Yemen Europe: Bulgaria, Czech Republic, Greece, Italy, Netherlands Oceania: Australia, New Zealand, Samoa
11.	<i>Sweet potato feathery mottle potyvirus</i> (SPFMV); Syn. <i>Sweet potato chlorotic leafspot virus, Sweet potato internal cork virus, Sweet potato russet crack virus, Sweet potato feathery mottle virus, Sweet potato virus A, Sweet potato vein clearing virus, Sweet potato leaf spot virus, Sweet potato ringspot virus</i> )	I	<i>Amaranthus retroflexus</i> (redroot pigweed), <i>Atriplex hastata, Brassica oleracea</i> var. <i>capitata</i> (kubis, cabbage), <i>Calendula officinalis</i> (pot marigold), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <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, Ipomoea</i> spp., <i>Ipomoea batatas</i> (ubi jalar, sweet potato), <i>Lepistemon</i>	akar (roots), batang (stems (above ground), trunks, branches), bunga (flowers, inflorescences), bibit (seedlings, micropropagated plants), daun (leaves), tunas (shoots, buds)	Indonesia: Jawa (Jawa Tengah, Jawa Barat), Papua. Africa: Cameroon, Congo Democratic Republic, Egypt, Ethiopia, Kenya, Madagascar, Niger, Nigeria, Rwanda, South Africa, Tanzania, Togo, Uganda, Zambia, Zimbabwe America: Argentina, Brazil, Canada, Chile, Costa Rica, Peru, Puerto Rico, United States of America, Venezuela

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			<i>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)	Vektor: <i>Myzus persicae</i> , <i>Aphis gossypii</i> , <i>Aphis craccipora</i> , <i>Lipaphis erysimi</i>	Asia: China, India, Japan, Republic of Korea, Syria, Taiwan, Vietnam Europe: Italy, Spain Oceania: Australia, Fiji, French Polynesia, New Zealand, Solomon Islands, Tonga
12.	<i>Tomato spotted wilt tospovirus</i> (TSWV); (Syn. <i>Dahlia oakleaf virus</i> , <i>Dahlia ringspot virus</i> , <i>Dahlia yellow ringspot virus</i> , <i>Mung bean leaf curl virus</i> , <i>Pineapple yellow spot virus</i> , <i>Tomato spotted wilt virus</i> )	I	<i>Alstroemeria</i> , <i>Ananas comosus</i> (nanas, pineapple), <i>Anemone coronaria</i> (crown anemone), <i>Apium graveolens</i> (seledri, celery), <i>Arachys hypogaea</i> (kacang tanah, peanut), <i>Aster</i> spp., <i>Begonia</i> spp., <i>Benincasa hispida</i> (white gourd), <i>Bidens pilosa</i> (ajeran, blackjack), <i>Brugmansia sauveolens</i> , <i>Calceolaria</i> , <i>Calendula officinalis</i> (pot marigold), <i>Callistephus chinensis</i> (China aster), <i>Campanula</i> , <i>Canavalia</i>	batang (stems (above ground), trunks, branches), tanaman, umbi (bulbs, corms, tubers)  Vektor: Thysanoptera, Thripidae: <i>Frankliniella bispinosa</i> , <i>F.</i>	Indonesia: Jawa (Jawa Barat), Kalimantan (Kalimantan Barat) Africa: Algeria, Burkina Faso, Canary Island, DR Congo DR, Egypt, Ivory Coast, Kenya, Libya, Madagascar, Mauritius, Niger, Nigeria, Réunion, Senegal, South Africa, Sudan, Tanzania, Tunisia, Uganda, Zimbabwe America: Argentina, Brazil, Bolivia, Canada,

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			<p><i>gladiata</i> (kacang parang, sword bean), <i>Capsicum annuum</i> (cabai, paprika, bell pepper), <i>Carica papaya</i> (pepaya, papaya), <i>Catharanthus roseus</i> (tapak dara, periwinkle), <i>Chrysanthemum x morifolium</i> (krisan, chrysanthemum), <i>Cicer arietinum</i> (kacang arab, chickpea), <i>Cichorium endivia</i> (endive), <i>Citrullus lanatus</i> (semangka, watermelon), <i>Coleus</i>, <i>Columnea hirta</i>, <i>Crotalaria juncea</i> (rush skeletonweed), <i>Cucumis sativus</i> (mentimun, cucumber), <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>Dieffenbachia</i> spp. (dumbcane), <i>Eustoma grandiflorum</i> (lisianthus), <i>Ficus elastic</i></p>	<p><i>Intonsa</i>, <i>F.fusca</i>, <i>F.occidentalis</i>, <i>F. Schultzei</i>, <i>F. Tenuicornis</i>, <i>Thrips palmi</i>, <i>T. Setosus</i>, <i>T. Tabaci</i>, <i>T.flavus</i>, <i>Scirtothrips dorsalis</i></p>	<p>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, Czech Republic, Finland, France,</p>

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			(Indian rubberplant), <i>Ficus pumila</i> (climbing fig), <i>Galinsoga parviflora</i> (potato weed), <i>Gerbera 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>Impatiens walleriana</i> (busy-lizzy), <i>Jacquemontia tamnifolia</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>Mentha piperita</i> , <i>Nicandra physalodes</i> , <i>Nicotiana rustica</i> , <i>Nicotiana tabacum</i> (tembakau, tobacco), <i>Ocimum basilicum</i> (sweet basil), <i>Oncidium</i> , <i>Pelargonium</i> , <i>Petunia hybrida</i> , <i>Phalaenopsis</i> spp.,		Germany, Greece, Guernsey, Hungary, Ireland, Italy, Lithuania, Malta, Moldova, Montenegro, North Macedonia, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Oceania: Australia, Cook Islands, New Zealand, Papua New Guinea

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			<p><i>Phaseolus</i> spp., <i>Physalis peruviana</i> (cape gooseberry), <i>Pisum sativum</i> (kapri, pea), <i>Saintpaulia ionantha</i> (African violet), <i>Sechium edule</i> (labu siam, chayotes), <i>Senecio cruentus</i> (cineraria), <i>Sinningia speciosa</i> (Brazilian gloxinia), <i>Sinningia</i>, Solanaceae, <i>Solanum lycopersicum</i> (tomat, tomato), <i>Solanum melongena</i> (terung, aubergine, eggplant), <i>Solanum tuberosum</i> (kentang, potato), <i>Stephanotis floribunda</i> (Madagascar jasmine), <i>Valeriana officinalis</i> (valerian), <i>Valerianella locusta</i> (lamb's lettuce), <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),</p>		



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			<i>Zantedeschia aethiopica</i> (calla lily), <i>Zinnia elegans</i> (zinnia)		

MENTERI PERTANIAN  
REPUBLIK INDONESIA,



SYAHRUL YASIN LIMPO