



KEPUTUSAN
MENTERI KELAUTAN DAN PERIKANAN REPUBLIK INDONESIA
NOMOR 80/KEPMEN-KP/2015
TENTANG
PENETAPAN JENIS-JENIS HAMA DAN PENYAKIT IKAN KARANTINA,
GOLONGAN, MEDIA PEMBAWA, DAN SEBARANNYA

DENGAN RAHMAT TUHAN YANG MAHA ESA

MENTERI KELAUTAN DAN PERIKANAN REPUBLIK INDONESIA,

- Menimbang : a. bahwa dengan semakin berkembangnya jenis-jenis hama dan penyakit ikan karantina di luar negeri, serta dalam rangka pelaksanaan pencegahan dan pengendalian penyebaran hama dan penyakit ikan karantina, perlu meninjau kembali Keputusan Menteri Kelautan dan Perikanan Nomor 26/KEPMEN-KP/2013 tentang Penetapan Jenis-Jenis Hama dan Penyakit Ikan Karantina, Golongan, Media Pembawa dan Sebarannya;
- b. bahwa untuk itu perlu menetapkan Keputusan Menteri Kelautan dan Perikanan tentang Penetapan Jenis-Jenis Hama dan Penyakit Ikan Karantina, Golongan, Media Pembawa, dan Sebarannya;
- Mengingat : 1. Undang-Undang Nomor 16 Tahun 1992 tentang Karantina Hewan, Ikan, dan Tumbuhan (Lembaran Negara Republik Indonesia Tahun 1992 Nomor 56, Tambahan Lembaran Negara Nomor 3482);
2. Peraturan Pemerintah Nomor 15 Tahun 2002 tentang Karantina Ikan (Lembaran Negara Republik Indonesia Tahun 2002 Nomor 36, Tambahan Lembaran Negara Nomor 4197);
3. Peraturan Presiden Nomor 165 Tahun 2014 tentang Penataan Tugas dan Fungsi Kabinet Kerja (Lembaran Negara Republik Indonesia Tahun 2014 Nomor 339);
4. Peraturan Presiden Nomor 7 Tahun 2015 tentang Organisasi Kementerian Negara (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 8);
5. Peraturan Presiden Nomor 63 Tahun 2015 tentang Kementerian Kelautan dan Perikanan (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 111);

6. Keputusan Presiden Nomor 121/P Tahun 2014 tentang Pembentukan Kementerian dan Pengangkatan Menteri Kabinet Kerja Periode Tahun 2014-2019;
7. Peraturan Menteri Kelautan dan Perikanan Nomor PER.15/MEN/2010 tentang Organisasi dan Tata kerja Kementerian Kelautan dan Perikanan;

MEMUTUSKAN:

Menetapkan : KEPUTUSAN MENTERI KELAUTAN DAN PERIKANAN TENTANG PENETAPAN JENIS-JENIS HAMA DAN PENYAKIT IKAN KARANTINA, GOLONGAN, MEDIA PEMBAWA, DAN SEBARANNYA.

KESATU : Menetapkan jenis-jenis hama dan penyakit ikan karantina, golongan, media pembawa, dan sebarannya sebagaimana tercantum dalam Lampiran yang merupakan bagian tidak terpisahkan dari Keputusan Menteri ini.

KEDUA : Dengan ditetapkannya Keputusan Menteri ini, maka Keputusan Menteri Kelautan dan Perikanan Nomor 26/KEPMEN-KP/2013 tentang Penetapan Jenis-Jenis Hama dan Penyakit Ikan Karantina, Golongan, Media Pembawa, dan Sebarannya, dicabut dan dinyatakan tidak berlaku.

KETIGA : Keputusan Menteri ini mulai berlaku pada tanggal ditetapkan.

Ditetapkan di Jakarta
pada tanggal 10 Agustus 2015

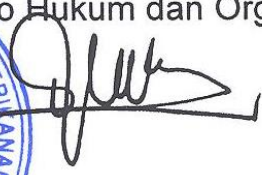
MENTERI KELAUTAN DAN PERIKANAN
REPUBLIK INDONESIA,

Ttd.

SUSI PUDJIASTUTI

Salinan sesuai dengan aslinya
Kepala Biro Hukum dan Organisasi,




Hanung Cahyono

LAMPIRAN
 KEPUTUSAN MENTERI KELAUTAN DAN PERIKANAN
 REPUBLIK INDONESIA
 NOMOR 80/KEPMEN-KP/2015
 TENTANG PENETAPAN JENIS-JENIS HAMA DAN
 PENYAKIT IKAN KARANTINA, GOLONGAN, MEDIA
 PEMBAWA, DAN SEBARANNYA

JENIS-JENIS HAMA DAN PENYAKIT IKAN KARANTINA, GOLONGAN, MEDIA PEMBAWA, DAN SEBARANNYA

A. JENIS-JENIS HAMA IKAN KARANTINA

NO	NAMA UMUM	NAMA ILMIAH
1	2	3
1	Giant Arapaima Shaped Arapaima	<i>Arapaima gigas</i> <i>Arapaima leptosome</i>
2	Alligator gar	<i>Atractosteus spatula</i> <i>Atractosteus lucius</i> <i>Lepisosteus oculatus</i>
3	Black Spot Piranha Red Piranha Big Toothed Piranha Gibbus Piranha Red Eye Piranha Ruby Red Piranha Little Saw Piranha Speckled Piranha	<i>Pygocentrus cariba</i> <i>Pygocentrus nattereri</i> <i>Pygopristsis denticulata</i> <i>Serrasalmus gibus</i> <i>Serrasalmus rhombeus</i> <i>Serrasalmus sanchezi</i> <i>Serrasalmus serrulatus</i> <i>Serrasalmus spilopleura</i>
4	Parrot pufferfish Ocellated puffer Lined puffer Fresh water puffer fish Stanleypool puffer	<i>Colomesus psittacus</i> <i>Tetraodon duboisi</i> <i>Tetraodon lineatus</i> <i>Tetraodon mbu</i> <i>Tetraodon miurus</i>
5	Candiru/Vandellia	<i>Vandellia balzani</i> <i>Vandellia cirrhosa</i> <i>Vandellia beccarii</i>
6	Electric eel	<i>Electrophorus electricus</i>

B. JENIS-JENIS PENYAKIT IKAN KARANTINA

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
Virus					
1	<i>Herpesvirus ictaluri</i>	Channel Catfish Virus Disease (CCVD)	I	African Catfish (<i>Clarias gariepinus</i>) Asian Catfish (<i>Clarias batrachus</i>) Blue Catfish (<i>Ictalurus furcatus</i>) Bullhead (<i>Ameiurus melas</i>) Bullhead (<i>Ameiurus natalis</i>) Bullhead (<i>Ameiurus nebulosus</i>) Channel catfish (<i>Ictalurus punctatus</i>) European Catfish (<i>Silurus glanis</i>) White Catfish (<i>Ictalurus catus</i>)	Amerika Serikat, Inggris, Rusia, Honduras
2	<i>Rhabdovirus carpio</i>	Spring Viraemia of Carp Disease (SVCD)	I	Bighead Carp (<i>Aristichthys nobilis</i>) Bream (<i>Abramis brama</i>) Catla (<i>Gibelion catla</i>) Common Carp (<i>Cyprinus carpio</i>) Crucian Carp (<i>Carassius carassius</i>) European Catfish (<i>Silurus glanis</i>) Golden shiner (<i>Notemigonus crysoleucas</i>) Goldfish (<i>Carassius auratus</i>) Grass Carp (<i>Ctenopharyngodon idella</i>) Guppy (<i>Poecilia reticulata</i>) Mrigal (<i>Cirrhinus mrigala</i> , <i>Cirrhinus cirrhosus</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Orfe (<i>Leuciscus idus</i>) Northern pike (<i>Esox lucius</i>) Pumpkinseed (<i>Lepomis gibbosus</i>) Rainbow Trout (<i>Oncorhynchus mykiss</i>) Rohu (<i>Labeo rohita</i>) Silver Carp (<i>Hypophthalmichthys molitrix</i>) Tench (<i>Tinca tinca</i>) Zebra Fish (<i>Danio rerio</i>)	Amerika Serikat, Belarusia, China, Brazil, Denmark, Georgia, Hawai, Israel, Italia, Jepang, Kanada, Moldova, Rusia, Spanyol, Swiss, Ukraina, Yugoslavia
3	<i>Infectious pancreatic necrosis virus (IPNV)/Birnavirus</i>	Infectious Pancreatic Necrosis Disease	I	Arctic Char (<i>Salvelinus alpinus</i>) Atlantic Menhaden (<i>Brevoortia tyrannus</i>) Brook Trout (<i>Salvelinus fontinalis</i>) Brown Trout (<i>Salmo trutta</i>) Cichlids (<i>Cichlidae</i>) Coalfish (<i>Pollachius virens</i>) Common Scallop (<i>Pecten maximus</i>) Drums/Croakers (<i>Sciaenidae</i>)	Afrika Selatan, Amerika Serikat, Australia, China, Chile, Inggris, Iran, Jepang, Kanada, Korea, Selandia Baru, Norwegia, Perancis, Skotlandia, Spanyol, Taiwan, Thailand.

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Eurasian minnow (<i>Phoxinus phoxinus</i>) Giant gouramy (<i>Osphronemus goramy</i>) Loach (<i>Cobitidae</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Noble Crayfish (<i>Astacus astacus</i>) Pasific Halibut (<i>Hippoglossus stenolepis</i>) Perch (<i>Percidae</i>) Northern pike (<i>Esox lucius</i>) Redfin Perch (<i>Perca fluviatilis</i>) River Lamprey (<i>Lampetra fluviatilis</i>) Southern Flounder (<i>Paralichthys lethostigma</i>) Southwest European Nase (<i>Chondrostoma toxostoma</i>) Spanish Barbel (<i>Barbus graellsii</i>) Summer Flounder (<i>Paralichthys dentatus</i>) Turbot (<i>Scophthalmus maximus</i>) White seabass (<i>Moronidae</i>) White Suckers (<i>Catostomas commersoni</i>) Whitefish (<i>Coregonidae</i>)	
4	<i>Infectious Haematopoietic Necrosis Virus (IHNV)/Rhabdovirus</i>	Infectious Haematopoietic Necrosis Disease	I	Amago Salmon (<i>Oncorhynchus rhodurus</i>) Arctic Char (<i>Salvelinus alpinus</i>) Atlantic Salmon (<i>Salmo salar</i>) Brook Trout (<i>Salvelinus fontinalis</i>) Brown Trout (<i>Salmo trutta</i>) Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) Chum Salmon (<i>Oncorhynchus keta</i>) Coho Salmon (<i>Oncorhynchus kisutch</i>) Cutthroat Trout (<i>Salmo clarki</i>) Gill Lice (<i>Salminicola</i> spp) Gilt-Head Seabream (<i>Sparus aurata</i>) Masou Salmon (<i>Oncorhynchus masou</i>) Pacific Herring (<i>Clupea pallasii</i>) Pacific Salmon (<i>Oncorhynchus</i> spp) Northern pike (<i>Esox lucius</i>) Pile Perch (<i>Damalichthys vacca</i>) Pink Salmon (<i>Oncorhynchus gorbuscha</i>) Rainbow Trout (<i>Oncorhynchus mykiss</i>) Shiner Perch (<i>Cymatogaster aggregata</i>) Sockeye Salmon (<i>Oncorhynchus nerka</i>) Tubenout stickleback (<i>Aulorhynchus flavidus</i>) Turbot (<i>Scophthalmus maximus</i>)	Amerika Serikat, Australia, Ceko, Slovakia, China, Inggris, Iran, Italia, Jepang, Jerman, Kanada, Korea, Kroasia, Perancis, Rusia, Swiss
5	<i>Infectious hypodermal and haematopoietic necrosis Virus (IHHNV)/Parvovirus</i>	Infectious Hypodermal and Haematopoietic Necrosis Disease	I	Banana Shrimp (<i>Penaeus merguensis</i>) Giant River Prawn (<i>Macrobrachium rosenbergii</i>) Giant Tiger Shrimp (<i>Penaeus monodon</i>) Gray Shrimp (<i>Penaeus semiculatus</i>) Kuruma Prawn (<i>Penaeus japonicus</i>) Northern Brown Shrimp (<i>Penaeus aztecus</i>) Northern Pink Shrimp (<i>Penaeus duorarum</i>)	Afrika Timur, Amerika Serikat, Australia, Brasil, Caledonia, China, Costa Rica, Equador, Guatemala, Hawaii, Honduras, India, Karibia, Madagaskar, Malaysia, Mauritius, Meksiko, Panama, Peru, Philipina, Singapura, Tahiti, Tanzania, Thailand

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Pasific Blue Shrimp (<i>Litopenaeus stylirostris</i>) Western White Shrimp (<i>Penaeus occidentalis</i>) White Shrimp (<i>Penaeus setiferus</i>) Yellow leg Brown Shrimp (<i>Penaeus californiensis</i>)	
6	<i>Yellowhead virus (Okavirus)</i>	Yellowhead disease (YHD)	I	Blue Shrimp (<i>Litopenaeus stylirostris</i>) Giant Tiger Shrimp (<i>Penaeus monodon</i>) Krill/small Crustacean (<i>Euphausia</i> spp) Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Palaemonid Shrimp (<i>Palaemon styliferus</i>) Small Prawn (<i>Acetes</i> spp)	Amerika Serikat, Australia, China, India, Kenya, Malaysia, Philipina, Srilanka, Taiwan, Thailand
7	<i>Taura syndrome virus (TSV) (Picornavirus)</i>	Taura Syndrome	I	Giant Tiger Shrimp (<i>Penaeus monodon</i>) Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Pacific Blue Shrimp (<i>Litopenaeus stylirostris</i>)	Amerika Serikat, Brazil, China, Ekuador, Elsalvador, Guatemala, Hawaii, Honduras, Kolombia, Meksiko, Nikaragua, Peru, Philipina, Taiwan, Thailand, Vietnam, Indonesia
8	<i>White spot syndrome virus (WSSV) / Whispovirus</i>	White Spot Disesase	I	Artemia (<i>Artemia salina</i>) Banana Shrimp (<i>Penaeus merguensis</i>) Cat Tiger Shrimp (<i>Parapenaeopsis</i> spp) Eunicid Polychaete worm (<i>Marphysa sanguena</i>) Fleshy Prawn (<i>Penaeus chinensis</i>) Giant Tiger Shrimp (<i>Penaeus monodon</i>) Green Tiger Shrimp (<i>Penaeus semisulcatus</i>) Indian Penaeid Shrimp (<i>Metapenaeus dobsoni</i>) Indian Prawn (<i>Penaeus indicus</i>) Intertidal Brachyuran Crab (<i>Sesarma</i> sp) Kuruma Shrimp (<i>Penaeus japonicus</i>) Long Clawed Freshwater Prawns (<i>Macrobrachium</i> spp) Mangrove Crab (<i>Scylla serrata</i>) Mud Crab (<i>Scylla tranquebarica</i>) Northern White Shrimp (<i>Penaeus setiferus</i>) Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Purple Climber Crab (<i>Metapograpsus</i> sp) Speckled Shrimp (<i>Metapenaeus monoceros</i>) Scalloped spiny lobster (<i>Panulirus homarus</i>) Ornate spiny lobster (<i>Panulirus ornatus</i>)	Amerika Serikat, Belanda, Brazil, China, Guatemala, Honduras, India, Iran, Jepang, Korea Selatan, Malaysia, Nikaragua, Perancis, Thailand, Taiwan, Vietnam
9	<i>Megalocytivirus / Iridovirus</i>	Red Sea Bream Iridovirus Disease (RSIVD)	I	Atlantic Bluefin Tuna (<i>Thunnus thynnus</i>) Barramundi/Sea Bass (<i>Lates calcarifer</i>) Blackhead sea bream (<i>Acanthopagrus schlegeli</i>) Blackspotted grouper (<i>Epinephelus fuscoguttatus</i>) Brown Spotted Grouper (<i>Epinephelus malabaricus</i>) Chicken Grunt (<i>Parapristipoma trilineatum</i>) Chiclid (<i>Chiclidae</i>) Chinese Emperor (<i>Lethrinus haimatopterus</i>) Chub Mackarel (<i>Scomber japonicus</i>) Cobia (<i>Rachycentron canadum</i>) Convict Sevenband Grouper (<i>Epinephelus septemfasciatus</i>)	Australia, China, Hongkong, Jepang, Korea, Malaysia, Phillipina, Singapura, Thailand, Taiwan

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Crescent Sweetlips (<i>Plectorhinchus cinctus</i>) Crimson Sea Bream (<i>Evynnis japonica</i>) Crocein Croaker (<i>Pseudosciaena crocea</i>) Giant gouramy (<i>Osphronemus goramy</i>) Giant/Dragon Grouper (<i>Epinephelus lanceolatus</i>) Goldenstriped/Yellowtail Amberjack (<i>Seriola lalandi</i>) Greasy Grouper/Estuarine rock cod (<i>Epinephelus tauvina</i>) Greater Amberjack (<i>Seriola dumerili</i>) Guppy (<i>Poecilia reticulata</i>) Humpback Grouper (<i>Chromileptes altivelis</i>) Japanese amberjack (<i>Seriola quinqueradiata</i>) Japanese Flounder, Hirame Flounder (<i>Paralichthys olivaceus</i>) Japanese Horse/Jack Mackerel (<i>Trachurus japonicus</i>) Japanese Parrotfish (<i>Oplegnathus fasciatus</i>) Japanese Sea bass (<i>Lateolabrax japonicus</i>) Japanese Spanish Mackerel (<i>Scomberomorus niphonius</i>) Korean rockfish (<i>Sebastes schlegeli</i>) Largemouth Bass (<i>Micropterus salmoides</i>) Largescale Black Fish, Rudderfish (<i>Girella punctata</i>) Longtooth Grouper (<i>Epinephelus bruneus</i>) Orange-Spotted Grouper (<i>Epinephelus coioides</i>) Paradise (<i>Macropodus Opercularis</i>) Red Sea Bream (<i>Pagrus major</i>) Red Spot Grouper/Hongkong Groper (<i>Epinephelus akaara</i>) Samson Fish (<i>Seriola hippos</i>) Snubnose Dart (<i>Trachinotus blochii</i>) Spangled Emperor (<i>Lethrinus nebulosus</i>) Spotted Halibut (<i>Verasper variegatus</i>) Spotted Knife Jaw (<i>Oplegnathus punctatus</i>) Threadsail Filefish (<i>Stephanolepis cirrhifer</i>) Tiger Puffer (<i>Takifugu rubripes</i>) Torafugu (<i>Takifugu rubripes</i>) White trevally (<i>Pseudocaranx dentex</i>) Yellow Grouper (<i>Epinephelus awoara</i>) Yellowfin Sea Bream (<i>Acanthopagrus latus</i>)	
10	<i>Iridovirus</i>	Grouper Iridovirus Disease (GIVD)	I	Greasy grouper/Estuarine rock cod (<i>Epinephelus tauvina</i>) Brown Spotted Grouper (<i>Epinephelus malabaricus</i>) Yellow Grouper (<i>Epinephelus awoara</i>)	Hongkong, Vietnam, Korea, Malaysia, Singapura, Taiwan, Thailand
11	<i>Viral nervous necrosis</i> (VNN) atau <i>Viral Encephalopathy and Retinopathy</i> (VER)/ <i>Betanodavirus</i>	Nervous Necrosis Virus Disease	I	Atlantic cod (<i>Gadus morhua</i>) Atlantic halibut (<i>Hippoglossus hippoglossus</i>) Australian bass (<i>Macquaria novemaculata</i>) Australian catfish (<i>Cnidoglanis macrocephalus</i>) Australian catfish (<i>Tandanus tandanus</i>) Barcoo grunter (<i>Scortum barcoo</i>) Barfin flounder (<i>Verasper moseri</i>)	Amerika Serikat, Australia, Brunei Darussalam, China, India, Inggris, Iran, Israel, Italia, Jepang, Kanada, Karibia, Korea, Malaysia, Malta, Norwegia, Perancis, Filipina, Portugal, Singapura, Spanyol, Tahiti, Taiwan, Thailand, Tunisia, Vietnam, Yunani

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Barramundi/Asian sea bass (<i>Lates calcarifer</i>) Barred knifejaw/rock bream (<i>Oplegnathus fasciatus</i>) Blackspotted grouper (<i>Epinephelus fuscoguttatus</i>) Brown Spotted Grouper (<i>Epinephelus malabaricus</i>) Chinese catfish (<i>Parasilurus asotus</i>) Cobia (<i>Rachycentron canadum</i>) Common sole (<i>Solea solea</i>) Convict sturgeonfish (<i>Acanthurus triostegus</i>) Crimson snapper (<i>Lutjanus erythropterus</i>) Dusky grouper (<i>Epinephelus marginatus</i>) European eel (<i>Anguilla anguilla</i>) European seabass (<i>Dicentrarchus labrax</i>) Flounders (<i>Paralichthyidae</i>) Giant grouper (<i>Epinephelus lanceolatus</i>) Gilt-head seabream (<i>Sparus aurata</i>) Golden Grey Mullet (<i>Liza aurata</i>) Golden perch (<i>Macquaria ambigua</i>) Greasy grouper/Estuarine rock cod (<i>Epinephelus tawina</i>) Greater amberjack/Purplih amberjack (<i>Seriola dumerili</i>) Flathead grey mullet (<i>Mugil cephalus</i>) Guppy (<i>Poecilia reticulata</i>) Haddock (<i>Melanogrammus aeglefinus</i>) Humpback grouper (<i>Chromileptes altivelis</i>) Japanese flounder, Hirame Flounder (<i>Paralichthys olivaceus</i>) Japanese puffer (<i>Takifugu rubripes</i>) Japanese seabass (<i>Lateolabrax japonicus</i>) Kelp grouper (<i>Epinephelus moara</i>) Macquarie perch (<i>Macquaria australasica</i>) Mangrove red snapper (<i>Lutjanus argentimaculatus</i>) Milk Fish (<i>Chanos chanos</i>) Murray cod (<i>Maccullochella peelii peelii</i>) Narrowstripe cardinalfish (<i>Pristiapogon exostigma</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Orange-Spotted Grouper (<i>Epinephelus coioides</i>) Orbicular batfish (<i>Platax orbicularis</i>) Pacific bluefin tuna (<i>Thunnus orientalis</i>) Red drum (<i>Sciaenops ocellatus</i>) Red Mullet (<i>Mullus barbatus</i>) Red Spot Grouper/Hongkong Groper (<i>Epinephelus akaara</i>) Red tilefish (<i>Branchiostegus japonicus</i>) Russian sturgeon (<i>Acipenser gueldenstaedti</i>) Samson fish (<i>Seriola hippos</i>) Sevenband grouper (<i>Epinephelus septemfasciatus</i>) Shi drum (<i>Umbrina cirrosa</i>) Silver perch (<i>Bidyanus bidyanus</i>) Sleepy cod (<i>Oxyeleotris lineolatus</i>) Snubnose pompano (<i>Trachinotus blochii</i>)	

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Spotted knifejaw (<i>Oplegnathus punctatus</i>) White trevally (<i>Pseudocaranx dentex</i>) Striped trumpeter (<i>Latris lineata</i>) Threadsail filefish (<i>Stephanolepis cirrhifer</i>) Turbot (<i>Scophthalmus maximus</i>) White grouper (<i>Epinephelus aeneus</i>) White seabass (<i>Atractoscion nobilis</i>) Winter flounder (<i>Pseudopleuronectes americanus</i>) Wolffish (<i>Anarhichas minor</i>) Yellow Grouper (<i>Epinephelus awoara</i>) Yellow-wax pompano (<i>Trachinotus falcatus</i>)	
12	<i>Koi herpesvirus</i> (KHV)	Koi Herpesvirus Disease	I	Common carp (<i>Cyprinus carpio</i>) Goldfish (<i>Carassius auratus</i>) Grass carp (<i>Ctenopharyngodon idellus</i>) Giant gouramy (<i>Osphronemus goramy</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Silver carp (<i>Hypophthalmichthys molitrix</i>) Silver perch (<i>Bidyanus bidyanus</i>)	Afrika Selatan, Amerika Serikat, Australia, Chilli, China, Hongkong, Inggris, Israel, Jepang, Jerman, Kanada, Korea, Malaysia, Philipina, Rumania, Rusia, Singapura, Slovenia, Spanyol, Swedia, Taiwan, Thailand
13	<i>Macrobrachium rosenbergii</i> nodavirus <i>Extra small virus</i>	White Tail Disease (WTD)	I	Giant river prawn (<i>Macrobrachium rosenbergii</i>)	Australia, China, India, Karibia, Dominika, Taiwan, Thailand, Vietnam
14	<i>Infectious myonecrosis virus</i> (IMNV)	Infectious myonecrosis	I	Giant tiger shrimp (<i>Penaeus monodon</i>) Pacific blue shrimp (<i>Litopenaeus stylirostris</i>) Pacific white shrimp (<i>Litopenaeus vannamei</i>)	Brazil
15	<i>Laem Singh Virus</i> (LsNV)	Monodon Slow Growth Sydroms (MSGs) atau Laem Singh Disease/Retinophaty	I	Banana shrimp (<i>Fenneropenaeus merguensis</i>) Giant tiger shrimp (<i>Penaeus monodon</i>) Indian Penaeid shrimp (<i>Metapenaeus dobsoni</i>) Pacific white shrimp (<i>Litopenaeus vannamei</i>)	India, Malaysia, Vietnam, Thailand
16	<i>Epizootic Haematopoietic Necrosis Virus</i> (EHNV)	Epizootic Haematopoietic Necrosis	I	Rainbow trout (<i>Oncorhynchus mykiss</i>) Redfin Perch (<i>Perca fluviatilis</i>)	Australia
17	<i>Viral haemorrhagic septicemia Virus</i> (VHSV)	Viral Haemorrhagic Septicemia Disease	I	Alaska pollock (<i>Theragra chalcogramma</i>) American gizzard shad (<i>Dorosoma cepedianum</i>) American yellow perch (<i>Perca flavescens</i>) Argentine (<i>Argentina sphyraena</i>) Atlantic cod (<i>Gadus morhua</i>) Atlantic halibut (<i>Hippoglossus hippoglossus</i>) Atlantic Herring (<i>Clupea harengus</i>) Atlantic Salmon (<i>Salmo salar</i>) Black crappie (<i>Pomoxis nigromaculatus</i>) Blackhead sea bream (<i>Acanthopagrus schlegeli</i>) Blue whiting (<i>Micromesistius poutassou</i>) Bluegill (<i>Lepomis macrochirus</i>) Bluntnose minnow (<i>Pimephales notatus</i>) Brook Trout (<i>Salvelinus fontinalis</i>) Brown bullhead (<i>Ictalurus nebulosus</i>) Brown trout (<i>Salmo trutta</i>)	Polandia, Denmark, Perancis, Jerman, Italia, Ceko, Swiss, Norwegia, Belgia

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Burbot (<i>Lota lota</i>) Channel catfish (<i>Ictalurus punctatus</i>) Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) Chub Mackarel (<i>Scomber japonicus</i>) Chum Salmon (<i>Oncorhynchus keta</i>) Coho Salmon (<i>Oncorhynchus kisutch</i>) Common dab (<i>Limanda limanda</i>) Emerald shiner (<i>Notropis atherinoides</i>) English sole (<i>Parophrys vetula</i>) Eulachon (<i>Thaleichthys pacificus</i>) European Eel (<i>Anguilla anguilla</i>) European flounder (<i>Platichthys flesus</i>) European plaice (<i>Pleuronectes platessa</i>) European seabass (<i>Dicentrarchus labrax</i>) European sprat (<i>Sprattus sprattus</i>) European whitefish (<i>Coregonus lavaretus</i>) Fourbeard rockling (<i>Enchelyopus cimbrius</i>) Freshwater drum (<i>Aplodinotus grunniens</i>) Gilt-Head Seabream (<i>Sparus aurata</i>) Golden Trout (<i>Oncorhynchus aguabonita</i>) Grayling (<i>Thymallus thymallus</i>) Greenland halibut (<i>Reinhardtius hippoglossoides</i>) Haddock (<i>Melanogrammus aeglefinus</i>) Iberian nase (<i>Chondrostoma polylepis</i>) Japanese amberjack (<i>Seriola quinqueradiata</i>) Japanese flounder / Hirame Flounder (<i>Paralichthys olivaceus</i>) Japanese red rockfish (<i>Sebastes inermis</i>) Korean rockfish (<i>Sebastes schlegelii</i>) Lake whitefish (<i>Coregonus clupeaformis</i>) Largemouth Bass (<i>Micropterus salmoides</i>) Marbled flounder (<i>Pleuronectes yokohamae</i>) Mummichog (<i>Fundulus heteroclitus</i>) Muskellunge (<i>Esox masquinongy</i>) North American lake trout (<i>Salvelinus namaycush</i>) North Pacific hake (<i>Merluccius productus</i>) Northern pike (<i>Esox lucius</i>) Norway pout (<i>Trisopterus esmarkii</i>) Pacific cod (<i>Gadus macrocephalus</i>) Pacific Herring (<i>Clupea pallasii</i>) Pacific sandlance (<i>Ammodytes hexapterus</i>) Pacific tomcod (<i>Microgadus proximus</i>) Poor cod (<i>Trisopterus minutus</i>) Pumpkinseed (<i>Lepomis gibbosus</i>) Rainbow trout (<i>Oncorhynchus mykiss</i>) Red Sea Bream (<i>Pagrus major</i>)	

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Red Spot Grouper/Hongkong Groper (<i>Epinephelus akaara</i>) River Lamprey (<i>Lampetra fluviatilis</i>) Rock bass (<i>Ambloplites rupestris</i>) Round goby (<i>Neogobius melanostomus</i>) Sablefish (<i>Anoplopoma fimbria</i>) Sand goby (<i>Pomatoschistus minutus</i>) Senegalese sole (<i>Solea senegalensis</i>) Shiner Perch (<i>Cymatogaster aggregata</i>) Shorthead redhorse (<i>Moxostoma macrolepidotum</i>) Silver redhorse (<i>Moxostoma anisurum</i>) Smallmouth bass (<i>Micropterus dolomieu</i>) Sockeye Salmon (<i>Oncorhynchus nerka</i>) South American pilchard (<i>Sardinops sagax</i>) Spottail shiner (<i>Notropis hudsonius</i>) Striped bass (<i>Morone saxatilis</i>) Surf smelt (<i>Hypomesus pretiosus</i>) Three-spined stickleback (<i>Gasterosteus aculeatus</i>) Trout-perch (<i>Percopsis omiscomaycus</i>) Tubesnout stickleback (<i>Aulorhynchus flavidus</i>) Turbot (<i>Scophthalmus maximus</i>) Walleye (<i>Sander vitreus</i>) White bass (<i>Morone chrysops</i>) White perch (<i>Morone americana</i>) Whiting (<i>Merlangius merlangus</i>) Zebra Fish (<i>Danio rerio</i>)	
18	Abalone Herpesvirus (AbHV)	Abalone Viral Ganglioneuritis (AVG)	I	Blacklip Abalone (<i>Haliotis rubra</i>) Greenlip Abalone (<i>Haliotis laevigata</i>) Variously coloured abalone (<i>Haliotis diversicolor</i>)	Australia, Kanada, China
19	Osterid herpesvirus-1 Microvariant	Infection with Ostreid Herpesvirus-1	I	Pacific cupped oysters (<i>Crassostrea gigas</i>) Portuguese oyster (<i>Crassostrea angulata</i>)	Perancis, Inggris, Irlandia, Belanda, Australia, Selandia Baru
20	Ranavirus	Infection with Ranavirus	I	Frog (<i>Rana</i> sp)	Amerika, Asia, Eropa
Bakteri					
1	<i>Pseudomonas anguilliseptica</i>	Red Spot Disease/Sekiten-byo	II	Atlantic salmon (<i>Salmo salar</i>) Atlantic cod (<i>Gadus morhua</i>) Ayu/sweetfish (<i>Plecoglossus altivelis</i>) Baltic herring (<i>Clupea harengus membras</i>) Barramundi/Sea Bass (<i>Lates calcalifer</i>) Blackhead sea bream (<i>Acanthopagrus schlegelii</i>) Brown trout (<i>Salmo trutta</i>) Catfish (<i>Pangasius</i> sp) Common carp (<i>Cyprinus carpio</i>) European Eel (<i>Anguilla anguilla</i>) European sea bass (<i>Dicentrarchus labrax</i>) European whitefish (<i>Coregonus lavaretus</i>) Gilthead sea bream (<i>Sparus aurata</i>) Gold Fish (<i>Carassius auratus</i>)	Amerika Serikat, Australia, Inggris, Jepang, Kanada, Malaysia, Swiss, Taiwan

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Greasy grouper/Estuarine rock cod (<i>Epinephelus tauvina</i>) Japanese Eel (<i>Anguilla japonica</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Rainbow trout (<i>Oncorhynchus mykiss</i>) Rasbora (<i>Trigonostigma heteromorpha</i>) Turbot (<i>Scophthalmus maximus</i>)	
2	<i>Aeromonas salmonicida</i>	Furunculosis/ Carp erythrodermatitis	II	Atlantic cod (<i>Gadus morhua</i>) Blue devil/Caerulian damsel (<i>Pomacentrus caeruleus</i>) Brook trout (<i>Salvelinus fontinalis</i>) Brown trout (<i>Salmo trutta</i>) Bullhead (<i>Cottus gobio</i>) Catfish (<i>Clarias</i> sp) Common Carp (<i>Cyprinus carpio</i>) Eel (<i>Anguilla</i> sp) Frog (<i>Rana</i> sp) Giant gouramy(<i>Osphronemus goramy</i>) Gilthead seabream (<i>Sparus aurata</i>) Goldfish (<i>Carassius auratus</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Pacific Halibut (<i>Hippoglossus stenolepis</i>) Northern pike (<i>Esox lucius</i>) Rainbow trout (<i>Oncorhynchus mykiss</i>) Salmon (<i>Salmonidae</i>) Scrawled butterflyfish (<i>Chaetodon meyeri</i>) Shortjaw cisco (<i>Coregonus zenithicus</i>) Spotted Minnows (<i>Galaxiidae</i>) Turbot (<i>Scophthalmus maximus</i>)	Amerika Serikat, Australia, India, Israel, Jepang, Kanada, Malaysia, Philipina, Switzerland, Thailand
3	<i>Edwardsiella ictaluri</i>	Enteric Septicaemia of Catfish (ESC)	II	African catfish (<i>Clarias gariepinus</i>) Blue catfish (<i>Ictalurus furcatus</i>) Brown bullhead (<i>Ictalurus nebulosus</i>) Catfish/Walking Catfish (<i>Clarias batrachus</i>) Chanel catfish (<i>Ictalurus punctatus</i>) Danio (<i>Danio devario</i>) Eel (<i>Anguilla</i> sp) Flounder (<i>Paralichthys</i> sp) Gold fish (<i>Carrasius auratus</i>) Green knifefish (<i>Eigemannia virens</i>) Jambal Catfish (<i>Pangasius djambal</i>) Blue spot mullet (<i>Valamugil sehel</i>) Nile Tilapia (<i>Oreochromis niloticus</i>) Sutchi Catfish (<i>Pangasius sutchi</i> / <i>P. hypophthalmus</i>) Amberjack (<i>Seriola</i> sp)	Afrika Selatan, Amerika Serikat, Jepang, Kenya, Mexiko, Thailand, Vietnam
4	Unique strain of <i>Vibrio parahaemolyticus</i>	Early Mortality Syndrome (EMS) / Acute Hepatopancreatic Necrosis Disease (AHPND)	I	Fleshy Prawn (<i>Penaeus chinensis</i>) Giant Tiger shrimp (<i>Penaeus monodon</i>) Pacific White Shrimp (<i>Litopenaeus vannamei</i>)	China, Malaysia, Vietnam, Thailand, Mexico, India

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
5	<i>Xenohaliotis californiensis</i>	Infections with <i>Xenohaliotis californiensis</i>	I	Black abalone (<i>Haliostis cracherodii</i>) European Abalone (<i>Haliostis tuberculata</i>) Flat Abalone (<i>Haliostis wallalensis</i>) Green Abalone (<i>Haliostis fulgens</i>) Japanese Abalone (<i>Haliostis discus</i>) Variously coloured abalone (<i>Haliostis diversicolor</i>) Pink Abalone (<i>Haliostis corrugata</i>) Red Abalone (<i>Haliostis rufescens</i>) White Abalone (<i>Haliostis sorenseni</i>)	Amerika Serikat, Kanada, China, Irlandia, Israel, Jepang, Mexico, Spanyol, Thailand
6	<i>Nocardia crassostreae</i>	Nocardiosis/Gill tuberculosis	I	European Flat Oyster (<i>Ostrea edulis</i>) Japanese amberjack (<i>Seriola quinqueradiata</i>) Mediterranean Mussel (<i>Mytilus galloprovincialis</i>) Neon Tetras (<i>Hyphessobrycon innesi</i>) Pasific cupped oysters (<i>Crassostrea gigas</i>) Rainbow Trout (<i>Oncorhynchus mykiss</i>)	Belanda, Kanada, Italia, USA, Inggris
7	<i>Nocardia asteroides</i>	Nocardiosis/Gill tuberculosis	I	Blotched Snakehead (<i>Channa maculata</i>) Blue gouramy (<i>Trichogaster trichopterus</i>) Japanese Sea bass (<i>Lateolabrax japonicus</i>) Largemouth Bass (<i>Micropterus salmoides</i>) Neon Tetras (<i>Hyphessobrycon innesi</i>)	Inggris, Jepang, Taiwan
Parasit					
1	<i>Bonamia exitiosa</i>	Infection with <i>Bonamia exitiosa</i>	I	Dwarf oyster (<i>Ostrea stentina</i>) European flat oyster (<i>Ostrea edulis</i>) Mud oyster (<i>Ostrea angasi</i>) New Zealand dredge oyster (<i>Ostrea chilensis</i>) New zealand flat oyster (<i>Tiostrea lutaria</i>) Pasific cupped oysters (<i>Crassostrea gigas</i>)	Australia, Inggris, Sendia Baru, Italia, Perancis, Spanyol
2	<i>Bonamia ostreae</i>	Infection with <i>Bonamia ostreae</i>	I	European flat oyster (<i>Ostrea edulis</i>) Mud oyster (<i>Ostrea angasi</i>) Suminoe Oyster (<i>Crassostrea ariakensis</i>)	Amerika Serikat, Denmark, Inggris, Irlandia, Kanada, Selandia Baru, Spanyol
3	<i>Marteilia refringens</i>	Infection with <i>Marteilia refringens</i>	I	Argentinian flat oyster (<i>Ostrea puelchana</i>) Atlantic/Eastern/Virginia Oyster (<i>Crassostrea virginica</i>) Australian Flat Oyster (<i>Ostrea angasi</i>) Calico scallop (<i>Argopecten gibbus</i>) Common cockle (<i>Cardium edule</i>) European flat oyster (<i>Ostrea edulis</i>) Mussels (<i>Mytilus edulis</i> , <i>Mytilus galloprovincialis</i>) New Zealand dredge oyster (<i>Ostrea chilensis</i>) Olympia oyster (<i>Ostrea conchaphila</i>) Pasific cupped oysters (<i>Crassostrea gigas</i>) Tock oyster (<i>Saccostrea cucullata</i>)	Albania, Amerika Serikat, Belanda, Inggris, Italia, Kanada, Kroasia, Maroko, Perancis, Portugal, Tunisia, Yunani.
4	<i>Perkinsus olseni</i>	Infection with <i>Perkinsus olseni</i>	I	Clams (<i>Anadara trapezia</i> , <i>Austrovenus stutchburyi</i> , <i>Ruditapes decussatus</i> , <i>Ruditapes decussatus</i> , <i>R. philippinarum</i> , <i>Tridacna maxima</i> , <i>Tridacna crocea</i> , <i>Protothaca jedoensis</i> , <i>Pitar rostrata</i>) Oysters (<i>Crassostrea ariakensis</i> , <i>C. sikamea</i>) Pasific cupped oysters (<i>Crassostrea gigas</i>) Pearl Oysters (<i>Pinctada maxima</i> , <i>P. martensii</i> , <i>P. culata</i>)	Australia, China, Italia, Jepang, Korea, New Zealand, Perancis, Portugal, Spanyol, Thailand, Uruguay, Vietnam

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Sea snail (<i>Haliotis cyclobates</i> , <i>H. scalaris</i>) The blacklip abalone (<i>Haliotis rubra</i> , <i>H. laevigata</i>)	
5	<i>Perkinsus marinus</i>	Infection with <i>Perkinsus marinus</i>	I	Blood cockle (<i>Anadara</i> sp) Mangrove oyster (<i>Crassostrea rhizophorae</i>) Mangrove oyster (<i>Crassostrea corteziensis</i>) Marine bivalve (<i>Macoma balthica</i>) Oyster (<i>Crassostrea virginica</i>) Pasific cupped oysters (<i>Crassostrea gigas</i>) Pearl oysters (<i>Pinctada maxima</i>) Soft Shelf Clam/Sand graper (<i>Mya Arenaria</i>) Suminoe oysters (<i>Crassostrea ariakensis</i>)	Amerika Serikat, Australia, Kanada, Meksiko
6	<i>Gyrodactylus salaris</i>	Infection with <i>Gyrodactylus salaris</i>	I	Adriatic Salmon (<i>Salmothymus obtusirostris</i>) Arctic char (<i>Salvelinus alpinus</i>) Atlantic Salmon (<i>Salmo salar</i>) Brook Trout (<i>Salvelinus fontinalis</i>) Brown trout (<i>Salmo trutta</i>) Eurasian minnow (<i>Phoxinus phoxinus</i>) European whitefish (<i>Coregonus lavaretus</i>) Grayling (<i>Thymallus thymallus</i>) Ninespine stickleback (<i>Pungitius pungitius</i>) North American lake trout (<i>Salvelinus namaycush</i>) Rainbow trout (<i>Oncorhynchus mykiss</i>) Three-spined stickleback (<i>Gasterosteus aculeatus</i>)	Finlandia, Rusia, Swedia, Norwegia
Jamur/Mikotik					
1	<i>Ichthyophonus hoferi</i>	Sand paper disease	I	Atlantic cod (<i>Gadus morhua</i>) Atlantic Herring (<i>Clupea harengus</i>) Atlantic mackerels (<i>Scomber scombrus</i>) Atlantic salmon (<i>Salmo salar</i>) Brook Trout (<i>Salvelinus fontinalis</i>) Brown trout (<i>Salmo trutta</i>) Flag tetra (<i>Hyphessobrycon heterorhabdus</i>) Longhorn sculpin (<i>Myoxocephalus octodecemspinosus</i>) Rainbow trout (<i>Salmo gairdneri</i>) Yellowtail flounder (<i>Limanda ferruginea</i>)	Amerika Serikat, Inggris, Skotlandia, Swedia, Switzerland, Rusia
2	<i>Batrachochytrium dendrobatidis</i>	Infection with <i>Batrachochytrium dendrobatidis</i> Chytridiomycosis	I	The Green/Golden Frog (<i>Litoria raniformis</i>) Tasmanian Tree Frog (<i>Litoria burrowsae</i>) Sharp Snouted Day Frog (<i>Taudactylus acutirostris</i>) Tree Frog (<i>Litoria genimaculata</i>) Mist Frog (<i>Litoria lorica</i>) Smooth Froglet (<i>Geocrinia laevis</i>) Spotted Marsh Frogs (<i>Limnodynastes tasmaniensis</i>) Striped Marsh Frogs (<i>Limnodynastes peronii</i>)	Amerika Selatan, Amerika Tengah, Amerika Utara, Australia, Eropa.

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
				Brown Tree Frog (<i>Litoria ewingii</i>) Banjo Frog (<i>Limnodynastes dumerilii</i>) Common Froglet (<i>Crinia signifera</i>) Southern Toadlet (<i>Pseudophryne semimarmorata</i>) Corroboree Frog (<i>Pseudophryne corroboree</i>)	
3	<i>Aphanomyces invadans</i>	Epizootic Ulcerative Syndrome (EUS)	I	Arowana/Gulf saratoga (<i>Scleropages jardini</i>) Ayu/sweetfish (<i>Plecoglossus altivelis</i>) Banded tilapia (<i>Tilapia sparrmanii</i>) Blue gouramy (<i>Trichogaster trichopterus</i>) Bony bream (<i>Nematalosa erebi</i>) Bulldog fish (<i>Marcusenius macrolepidotus</i>) Channel catfish (<i>Ictalurus punctatus</i>) Churchill (<i>Petrocephalus catostoma</i>) Dusky flathead (<i>Platycephalus fuscus</i>) Flathead grey mullet (<i>Mugil cephalus</i>) Freshwater longtom (<i>Strongylura krefftii</i>) Giant gouramy (<i>Osphronemus goramy</i>) Green bream (<i>Sargochromis codringtonii</i>) Greenhead tilapia (<i>Oreochromis machrochir</i>) Indian halibut (<i>Psettodes sp</i>) Java barb (<i>Puntius gonionotus</i>) Keti bangladeshi (<i>Rohtee sp.</i>) Marble goby (<i>Oxyeleotris marmoratus</i>) Pink bream (<i>Sargochromis giardi</i>) Pool barb (<i>Puntius sophore</i>) Primitive archerfish (<i>Toxotes lorentzi</i>) Rainbow bream (<i>Sargochromis carlottae</i>) Rainbow fish (<i>Melanotaenia splendida</i>) Redbreast tilapia (<i>Tilapia rendalli</i>) Sand whiting (<i>Sillago ciliata</i>) Sharptooth tetra (<i>Micralestes acutidens</i>) Silver butter catfish (<i>Schilbe intermedius</i>) Sleepy cod (<i>Oxyeleotris lineolatus</i>) Snakeskin gouramy (<i>Trichogaster pectoralis</i>) Speckleface bream (<i>Serranochromis angusticeps</i>) Spot banded scat (<i>Selenotoca multifasciata</i>) Spotted archerfish (<i>Toxotes chatareus</i>) Spotted scat (<i>Scatophagus argus</i>) Terapon (<i>Therapon sp</i>) Three spot tilapia (<i>Oreochromis andersoni</i>) Yellow belly bream (<i>Serranochromis robustus</i>)	Amerika Serikat, Australia, Bostwana, India, Jepang, Namibia, Pakistan, Papua New Guinea, Philipina, Thailand, Zambia

NO	ORGANISME PENYEBAB	NAMA PENYAKIT	GOLONGAN	MEDIA PEMBAWA (INANG RENTAN)	NEGARA SEBARAN
1	2	3	4	5	6
4	Aphanomycosis/Crayfish Plaque	<i>Aphanomyces astaci</i>	I	Crayfish (<i>Cherax spp</i>) Chinese mitten Crab (<i>Eriocheir sinensis</i>) Crayfish congener (<i>Orconectes spp</i>) Noble crayfish (<i>Astacus astacus</i>) Louisiana swamp crayfish (<i>Procambarus clarkii</i>) Signal crayfish (<i>Pacifastacus leniusculus</i>), Slender clawed/Turkish crayfish (<i>Astacus leptodactylus</i>) Stone crayfish (<i>Austropotamobius torrentium</i>) White clawed crayfish (<i>Austropotamobius pallipes</i>)	Australia, Inggris, Jepang, Kanada, Philipina, Thailand, Italia, Jerman, Rusia, Finlandia, Swedia, Spanyol, Turki, Norwegia

MENTERI KELAUTAN DAN PERIKANAN
REPUBLIK INDONESIA,

Ttd.

SUSI PUDJIASTUTI

Salinan sesuai dengan aslinya
Kepala Biro Hukum dan Organisasi,



[Signature]
Hanung Cahyono