



Biosecurity (Notifiable Organisms) Order 2010

Anand Satyanand, Governor-General

Order in Council

At Wellington this 23rd day of August 2010

Present:

His Excellency the Governor-General in Council

Pursuant to section 45(2) of the Biosecurity Act 1993, His Excellency the Governor-General, acting on the advice and with the consent of the Executive Council, makes the following order.

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Order

- 1 Title**
This order is the Biosecurity (Notifiable Organisms) Order 2010.
- 2 Commencement**
This order comes into force on the 28th day after the date of its notification in the *Gazette*.
- 3 Notifiable organisms**
The organisms specified in the Schedule are declared to be notifiable organisms.
- 4 Revocation**
The Biosecurity (Notifiable Organisms) Order 2006 (2006/320) is revoked.

Schedule

Notifiable organisms

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Invasive plants

| Scientific name | Common name |
|-----------------------------------|--------------------------------|
| <i>Bryonia cretica</i> | White bryony |
| <i>Caesalpinia decapetala</i> | Mysore thorn |
| <i>Cardiospermum grandiflorum</i> | Balloon vine |
| <i>Cardiospermum halicacabum</i> | Small balloon vine |
| <i>Ehrharta villosa</i> | Pyp grass |
| <i>Eichhornia crassipes</i> | Water hyacinth |
| <i>Moraea flaccida</i> | Cape tulip |
| <i>Houttuynia cordata</i> | Chameleon plant |
| <i>Hydrilla verticillata</i> | Hydrilla |
| <i>Ludwigia peruviana</i> | Water primrose |
| <i>Menyanthes trifoliata</i> | Bogbean |
| <i>Myrica faya</i> | Fire tree; candle-berry myrtle |
| <i>Myriophyllum spicatum</i> | Eurasian watermilfoil |

| Scientific name | Common name |
|---------------------------------|-----------------------|
| <i>Najas guadalupensis</i> | Southern naiad |
| <i>Najas marina</i> | Sawtooth |
| <i>Nuphar lutea</i> | Yellow waterlily |
| <i>Phragmites australis</i> | Phragmites |
| <i>Pistia stratiotes</i> | Water lettuce |
| <i>Potamogeton perfoliatus</i> | Clasped pondweed |
| <i>Sagittaria montevidensis</i> | Arrowhead |
| <i>Sagittaria sagittifolia</i> | |
| <i>Salvinia molesta</i> | Salvinia; kariba weed |
| <i>Sorghum halepense</i> | Johnson grass |
| <i>Sparganium erectum</i> | Bur reed |
| <i>Stratiotes aloides</i> | Water soldier |
| <i>Trapa natans</i> | Water chestnut |
| <i>Typha domingensis</i> | |
| <i>Typha latifolia</i> | Great reedmace |
| <i>Vallisneria gigantea</i> | Eelgrass |
| <i>Zizania latifolia</i> | Manchurian wild rice |

Organisms affecting amphibians

| Scientific name | Common name |
|---------------------------------|--------------------------|
| <i>Ranavirus (Iridoviridae)</i> | Infection with ranavirus |

Organisms affecting crustaceans

| Scientific name | Common name |
|---|---|
| <i>Aphanomyces astaci</i> | Crayfish plague |
| Infectious hypodermal and haematopoietic necrosis virus | Infectious hypodermal and haematopoietic necrosis |
| Infectious myonecrosis virus | Infectious myonecrosis |
| Macrobrachium nodavirus | White tail disease |
| Necrotising hepatopancreatitis bacteria | Necrotising hepatopancreatitis |
| Taura syndrome virus | Taura syndrome |
| White spot syndrome virus | White spot disease |
| Yellowhead virus | Yellow head disease |

Organisms affecting honey bees

| Scientific name | Common name |
|--|-----------------------|
| <i>Acarapis woodi</i> | Tracheal mite |
| <i>Aethina tumida</i> | Small hive beetle |
| <i>Apis mellifera capensis</i> | Cape bee |
| <i>Apis mellifera scutellata</i> and its hybrids | Africanised honey bee |
| <i>Eugarra sinhai</i> | Varroa |
| <i>Melissococcus pluton</i> | European foulbrood |
| <i>Tropilaelaps clareae</i> | Tropilaelaps |
| <i>Tropilaelaps koenigerum</i> | Tropilaelaps |
| <i>Varroa destructor</i> | Varroa |
| <i>Varroa underwoodi</i> | Varroa |

Organisms affecting marine or freshwater environments

| Scientific name | Common name |
|--|---------------------------------|
| <i>Asterias amurensis</i> | Northern Pacific seastar |
| <i>Carcinus maenas</i> | European shore crab; green crab |
| <i>Caulerpa taxifolia</i> | A green seaweed |
| <i>Cherax quadricarinatus</i> | Red claw |
| <i>Cherax tenuimanus</i> | A marron |
| <i>Eriocheir sinensis</i> | Chinese mitten crab |
| <i>Haliotis rufescens</i> | Red paua |
| <i>Ictalurus punctatus</i> | Channel catfish |
| <i>Penaeus orientalis (P. chinensis)</i> | Chinese prawn |
| <i>Potamocorbula amurensis</i> | Asian clam |
| <i>Sabella spallanzanii</i> | Mediterranean fanworm |

Organisms affecting molluscs

| Scientific name | Common name |
|-------------------------------------|----------------------------------|
| Abalone viral ganglioneuritis virus | Abalone viral mortality |
| <i>Bonamia ostreae</i> | Bonamiosis |
| <i>Bonamia roughleyi</i> | Winter mortality or B. roughleyi |
| <i>Marteilia maurini</i> | Marteiliosis |

| Scientific name | Common name |
|------------------------------------|--|
| <i>Marteilia refringens</i> | Marteiliosis |
| <i>Marteilia sydneyi</i> | Marteiliosis |
| <i>Mikrocytos mackini</i> | Mikrocytosis |
| <i>Perkinsus marinus</i> | Perkinsosis |
| <i>Perkinsus olseni</i> | Perkinsosis |
| <i>Xenohaliotis californiensis</i> | Infection with xenohaliotis californiensis |

Organisms affecting multiple animal species

| Scientific name | Common name |
|---|--------------------------------------|
| <i>Amblyomma</i> spp | An animal tick |
| <i>Anaplasma</i> spp | Anaplasmosis |
| Aujeszky's disease virus | Aujeszky's disease |
| <i>Babesia</i> spp (exotic) | Babesiosis |
| <i>Bacillus anthracis</i> | Anthrax |
| Bluetongue virus | Bluetongue |
| <i>Boophilus</i> spp | An animal tick |
| <i>Chrysomyia</i> spp | Old World screw-worm fly |
| <i>Cochliomyia</i> spp | New World screw-worm fly |
| <i>Coxiella burnetii</i> | Q fever |
| Crimean-Congo haemorrhagic (Nairovirus) | Crimean-Congo haemorrhagic fever |
| <i>Dermacentor</i> spp | An animal tick |
| <i>Echinococcus</i> spp | Hydatids |
| <i>Ehrlichia ruminantium</i> | Heartwater |
| Epizootic haemorrhagic disease virus | Epizootic haemorrhagic disease virus |
| Foot-and-mouth disease virus | Foot-and-mouth disease |
| <i>Francisella tularensis</i> | Tularemia |
| <i>Ixodes</i> spp (exotic) | An animal tick |
| <i>Leishmania</i> spp | Leishmaniosis |
| Rabies virus | Rabies |
| <i>Rhipicephalus</i> spp | An animal tick |
| Rift Valley fever virus | Rift Valley fever |
| Salmonellae (exotic serovars and phage types) | Salmonellosis |

| Scientific name | Common name |
|--|--|
| <i>Theileria</i> spp (pathogenic species) | Theileriosis |
| Transmissible spongiform encephalopathy agents | Scrapie; bovine spongiform encephalopathy; chronic wasting disease; feline spongiform encephalopathy |
| <i>Trypanosoma</i> spp | Trypanosomosis |
| Vesicular stomatitis virus | Vesicular stomatitis |
| West Nile virus | |

Organisms primarily affecting birds

| Scientific name | Common name |
|--|-----------------------------------|
| Anatid herpesvirus 1 | Duck virus enteritis; duck plague |
| Avian metapneumovirus | Turkey rhinotracheitis |
| Avian paramyxovirus 1 (exotic strains) | Newcastle disease |
| Duck hepatitis virus | Duck virus hepatitis |
| Infectious bursal disease virus | Infectious bursal disease |
| Influenza A virus in birds | Avian influenza |

Organisms primarily affecting camels

| Scientific name | Common name |
|------------------------|--------------------|
| Camel pox virus | Camel pox |

Organisms primarily affecting cattle

| Scientific name | Common name |
|--|--|
| Bovine herpes virus type 1 (abortifacient strain) (1) | Infectious bovine rhinotracheitis abortion |
| <i>Brucella abortus</i> | Bovine brucellosis |
| <i>Cysticercus bovis</i> (synonym <i>Taenia saginata</i>) | Bovine cysticercosis |
| Lumpy skin disease virus | Lumpy skin disease |
| <i>Mycoplasma mycoides</i> subsp <i>mycoides</i> SC | Contagious bovine pleuropneumonia |
| <i>Pasteurella multocida</i> B:2 and E:2 | Haemorrhagic septicaemia |
| Rinderpest virus | Rinderpest |

Organisms primarily affecting dogs

| Scientific name | Common name |
|----------------------------|--------------------|
| <i>Brucella canis</i> | Canine brucellosis |
| <i>Dirofilaria immitis</i> | Heartworm |

Organisms primarily affecting fish

| Scientific name | Common name |
|---|------------------------------------|
| <i>Aeromonas salmonicida</i> | Furunculosis |
| <i>Aphanomyces invadans</i> | Epizootic ulcerative syndrome |
| Epizootic haematopoietic necrosis virus | Epizootic haematopoietic necrosis |
| <i>Gyrodactylus salaris</i> | Gyrodactylosis |
| Infectious haematopoietic necrosis virus | Infectious haematopoietic necrosis |
| Infectious pancreatic necrosis virus (exotic strains) | Infectious pancreatic necrosis |
| Infectious salmon anaemia virus | Infectious salmon anaemia |
| Koi herpesvirus | Koi herpes virus disease |
| <i>Myxobolus cerebralis</i> | Whirling disease |
| Oncorhynchus masou virus | Oncorhynchus masou virus disease |
| Red sea bream iridovirus | Red sea bream iridovirus disease |
| <i>Renibacterium salmoninarum</i> | Bacterial kidney disease |
| Spring viraemia of carp virus | Spring viraemia of carp |
| Viral haemorrhagic septicaemia virus | Viral haemorrhagic septicaemia |
| <i>Yersinia ruckeri</i> (exotic strains) | Enteric redmouth |

Organisms primarily affecting forestry

| Scientific name | Common name |
|-----------------------------------|--|
| <i>Anoplophora glabripennis</i> | Asian longhorn beetle |
| <i>Buprestis aurulenta</i> | Golden buprestid |
| <i>Bursaphelenchus xylophilus</i> | Pinewood nematode |
| <i>Coptotermes acinaciformis</i> | Australian subterranean termite |
| <i>Cryptotermes brevis</i> | West Indian powderpost drywood termite |
| <i>Dendroctonus valens</i> | Red turpentine beetle |
| <i>Endocronartium harknessii</i> | Western gall rust |
| <i>Fusarium circinatum</i> | Pitch canker |

| Scientific name | Common name |
|--------------------------------|--------------------------------|
| <i>Gremmeniella abietina</i> | Scleroderris canker |
| <i>Grosmannia wagneri</i> | Black stain root disease |
| <i>Heterobasidion annosum</i> | Annosus root rot |
| <i>Hylobius abietis</i> | Pine root weevil |
| <i>Hyphantria cunea</i> | Fall webworm |
| <i>Lymantria dispar</i> | Gypsy moth |
| <i>Lymantria monacha</i> | Nun moth |
| <i>Melanophila californica</i> | Flat headed borer |
| <i>Monochamus</i> spp | Sawyer beetle |
| <i>Neodiprion lecontei</i> | Redheaded pine sawfly |
| <i>Ophiostoma novo-ulmi</i> | Dutch elm disease |
| <i>Orgyia thyellina</i> | White spotted tussock moth |
| <i>Orthotomicus erosus</i> | European bark beetle |
| <i>Phytophthora lateralis</i> | Brown rot |
| <i>Phytophthora ramorum</i> | Sudden oak death |
| <i>Pissodes nemorensis</i> | Northern pine weevil |
| <i>Puccinia psidii</i> | Eucalyptus rust |
| <i>Rhyacionia buoliana</i> | European pine shoot moth |
| <i>Teia anartoides</i> | Painted apple moth |
| <i>Thaumetopoea pityocampa</i> | Pine processionary caterpillar |
| <i>Tomicus piniperda</i> | Pine shoot beetle |
| <i>Uraba lugens</i> | Gumleaf skeletoniser |

Organisms primarily affecting horses

| Scientific name | Common name |
|---------------------------------|---|
| African horse sickness virus | African horse sickness |
| <i>Burkholderia mallei</i> | Glanders |
| Equine arteritis virus | Equine viral arteritis |
| Equine encephalitis viruses | Eastern equine encephalitis; western equine encephalitis; Venezuelan equine encephalitis; Japanese encephalitis |
| Equine infectious anaemia virus | Equine infectious anaemia |
| Hendra virus | |

| Scientific name | Common name |
|---|----------------------------|
| <i>Histoplasma capsulatum</i> var <i>farciminosum</i> | Epizootic lymphangitis |
| Influenza A virus in animals of the family <i>Equidae</i> | Equine influenza |
| <i>Taylorella equigenitalis</i> | Contagious equine metritis |

Organisms primarily affecting horticulture

| Scientific name | Common name |
|--|------------------------------|
| <i>Anastrepha fraterculus</i> | South American fruit fly |
| <i>Anastrepha ludens</i> | Mexican fruit fly |
| <i>Anastrepha obliqua</i> | West Indian fruit fly |
| <i>Anastrepha serpentina</i> | Sapote fruit fly |
| <i>Anastrepha striata</i> | Guava fruit fly |
| <i>Anastrepha suspensa</i> | Caribbean fruit fly |
| <i>Bactrocera aquilonis</i> | Northern Territory fruit fly |
| <i>Bactrocera carambolae</i> (formerly <i>B. sp</i> near <i>B. dorsalis</i> (Taxon A)) | Carambola fruit fly |
| <i>Bactrocera cucumis</i> | Cucumber fly |
| <i>Bactrocera cucurbitae</i> | Melon fly |
| <i>Bactrocera curvipennis</i> | Banana fruit fly |
| <i>Bactrocera dorsalis</i> | Oriental fruit fly |
| <i>Bactrocera facialis</i> | A fruit fly |
| <i>Bactrocera frauenfeldi</i> | Mango fruit fly |
| <i>Bactrocera jarvisi</i> | Jarvis' fruit fly |
| <i>Bactrocera kirki</i> | A fruit fly |
| <i>Bactrocera latifrons</i> | Solanum fruit fly |
| <i>Bactrocera melanotus</i> | A fruit fly |
| <i>Bactrocera neohumeralis</i> | Lesser Queensland fruit fly |
| <i>Bactrocera papayae</i> (formerly <i>B. sp</i> near <i>B. dorsalis</i> (Taxon B)) | Papaya fruit fly |
| <i>Bactrocera passiflorae</i> | Fijian fruit fly |
| <i>Bactrocera philippinensis</i> (formerly <i>B. sp</i> near <i>B. dorsalis</i> (Taxon C)) | A fruit fly |
| <i>Bactrocera psidii</i> | South sea guava fruit fly |
| <i>Bactrocera trilineola</i> | A fruit fly |
| <i>Bactrocera trivialis</i> | A fruit fly |

| Scientific name | Common name |
|--|---------------------------------|
| <i>Bactrocera tryoni</i> | Queensland fruit fly |
| <i>Bactrocera xanthodes</i> | Pacific fruit fly |
| <i>Bactrocera zonata</i> | Peach fruit fly |
| <i>Ceratitis capitata</i> | Mediterranean fruit fly |
| <i>Ceratitis rosa</i> | Natal fruit fly |
| <i>Clavibacter michiganensis</i> subsp <i>sepedonicus</i> | Bacterial ring rot of potato |
| <i>Conotrachelus nenuphar</i> | Plum curculio |
| Grapevine bois noir phytoplasma | |
| Grapevine flavescence dorée phyto- plasma | |
| <i>Gymnosporangium asiaticum</i> | Japanese pear rust |
| <i>Gymnosporangium juniperi-virginianae</i> | Cedar apple rust |
| <i>Helicobasidium mompa</i> | Violet root rot |
| <i>Homalodisca vitripennis</i> (formerly <i>Homalodisca coagulata</i>) | Glassy-winged sharpshooter |
| <i>Hyaletthes obsoletus</i> | A leaf hopper |
| <i>Leptinotarsa decemlineata</i> | Colorado potato beetle |
| <i>Monilinia fructigena</i> | Apple brown rot |
| Pepino mosaic virus | PepMV |
| Plum pox virus | Plum pox |
| Potato mop-top virus | PMTV |
| <i>Rhagoletis pomonella</i> | Apple maggot fly |
| <i>Scaphoideus titanus</i> | A leaf hopper |
| <i>Synchytrium endobioticum</i> | Potato wart |
| <i>Tilletia controversa</i> | Dwarf bunt |
| <i>Tilletia indica</i> | Karnal bunt |
| <i>Trogoderma granarium</i> | Khapra beetle |
| <i>Xanthomonas axonopodis</i> pv <i>citri</i> (synonym <i>X. campestris</i> pv <i>citri</i>) | Citrus canker |
| <i>Xanthomonas fragariae</i> | Angular leaf spot of strawberry |
| <i>Xylella fastidiosa</i> | Pierce's disease |

Organisms primarily affecting human health

| Scientific name | Common name |
|------------------------|---------------------------------|
| <i>Aedes aegypti</i> | Yellow fever or dengue mosquito |

| Scientific name | Common name |
|------------------------------------|-----------------------------|
| <i>Aedes albopictus</i> | Asian tiger mosquito |
| <i>Aedes polynesiensis</i> | Polynesian mosquito |
| <i>Aedes scutellaris</i> | |
| <i>Anopheles</i> spp | Malarial mosquitoes |
| <i>Culex annulirostris</i> | Common banded mosquito |
| <i>Culex gelidus</i> | Frosty mosquito |
| <i>Culex pipiens pallens</i> | Common house mosquito |
| <i>Culex sitiens</i> | |
| <i>Ochlerotatus atropalpus</i> | Rockpool mosquito |
| <i>Ochlerotatus camptorhynchus</i> | Southern saltmarsh mosquito |
| <i>Ochlerotatus japonicus</i> | Japanese rockpool mosquito |
| <i>Ochlerotatus sierrensis</i> | Western tree hole mosquito |
| <i>Ochlerotatus vigilax</i> | Saltmarsh mosquito |

Organisms primarily affecting native ecosystems

| Scientific name | Common name |
|---------------------------------|--------------------|
| <i>Anoplolepis gracilipes</i> | Yellow crazy ant |
| <i>Paratrechina longicornis</i> | Crazy ant |

Organisms primarily affecting pigs

| Scientific name | Common name |
|---|---|
| African swine fever virus | African swine fever |
| <i>Brucella suis</i> | Porcine brucellosis |
| <i>Cysticercus cellulosae</i> (synonym <i>Taenia solium</i>) | Porcine cysticercosis |
| Enterovirus encephalomyelitis virus | Enterovirus encephalomyelitis |
| Hog cholera virus | Classical swine fever |
| Nipah virus | |
| <i>Pasteurella multocida</i> (toxigenic strains) | Atrophic rhinitis |
| Porcine reproductive and respiratory syndrome virus | Porcine reproductive and respiratory syndrome |
| Swine vesicular disease virus | Swine vesicular disease |
| Transmissible gastroenteritis virus | Transmissible gastroenteritis |
| <i>Trichinella spiralis</i> | Trichinellosis |

Organisms primarily affecting sheep and goats

| Scientific name | Common name |
|--|------------------------------------|
| <i>Brucella melitensis</i> | Brucellosis |
| <i>Chlamydophila abortus</i> | Enzootic abortion of ewes |
| Maedi-visna virus | Maedi or visna |
| <i>Mycoplasma agalactiae</i> | Contagious agalactia |
| <i>Mycoplasma capricolum</i> subsp <i>capripneumoniae</i> | Contagious caprine pleuropneumonia |
| Nairobi sheep disease virus | Nairobi sheep disease |
| Peste des petits ruminants virus | Peste des petits ruminants |
| <i>Psoroptes ovis</i> | Sheep scab |
| Pulmonary adenomatosis virus | Pulmonary adenomatosis |
| Sheep pox and goat pox viruses | Sheep and goat pox |

Other organisms

| Scientific name | Common name |
|------------------------------|-----------------------|
| Myxoma virus | Myxomatosis |
| <i>Solenopsis geminata</i> | Tropical fire ant |
| <i>Solenopsis invicta</i> | Red imported fire ant |
| <i>Spilopsyllus cuniculi</i> | European rabbit flea |

Rebecca Kitteridge,
Clerk of the Executive Council.

Explanatory note

This note is not part of the order, but is intended to indicate its general effect.

This order, which comes into force on the 28th day after the date of its notification in the *Gazette*, declares certain organisms to be notifiable organisms for the purposes of the Biosecurity Act 1993.

The organisms specified in this order differ from those specified in the Biosecurity (Notifiable Organisms) Order 2006 (2006/320), which is revoked.

Issued under the authority of the Acts and Regulations Publication Act 1989.
Date of notification in *Gazette*: 26 August 2010.
This order is administered by the Ministry of Agriculture and Forestry.
