

**QUARANTINE INSECT PESTS AND  
MITES LIST**

Crop	Organism	Common name	Order	Family	Plant part attacked
<b><u>VEGETABLES</u></b>					
<b><i>Solanum lycopersicon</i> (Tomato) L.</b>	<i>Aceria (Eriophyes) lycopersici</i> Masee	Gall mite	Acarina	Eriophyidae	Leaf, fruit
	<i>Aculops (Aculus) lycopersici</i> Masee	Tomato russet mite	Acarina	Eriophyidae	Leaf, fruit
	<i>Brevipalpus californicus</i> (Banks)	False spider mite	Acarina	Tenuipalpidae	Leaf, fruit
	<i>Drosophila suzukii</i> (Matsumura)	Spotted wing drosophila	Diptera	Drosophilidae	Leaf
	<i>Leptinotarsa decemlineata</i> (Say)	Colorado potato beetle	Coleoptera	Chrysomelidae	Leaf
	<i>Phthorimaea operculella</i> (Zeller)	Potato tuber moth	Lepidoptera	Gelechiidae	Leaf, tuber
	<i>Spodoptera ciliium</i> Guenée	Grasslawn armyworm	Lepidoptera	Noctuidae	Leaf, shoot
	<i>Tetranychus schoeni</i>	Spider mite	Acarina	Tetranychidae	Leaf, fruit
<b><i>Solanum melongena</i> (Egg-plant) Linn.</b>	<i>Epitrix cucumeris</i> (Harris)	Potato flea beetle	Coleoptera	Chrysomelidae	Leaf
	<i>Epitrix parvula</i> (F.)	Tobacco flea beetle	Coleoptera	Chrysomelidae	Leaf

	<i>Leptinotarsa decemlineata</i> (Say)	Colorado potato beetle	Coleoptera	Chrysomelidae	Leaf
	<i>Orthezia insignis</i> Browne	Latana bug	Homoptera	Orthezidae	Leaf
<b><i>Capsicum</i> spp. (Pepper)</b>	<i>Anthonomus eugenii</i> (Cano)	Pepper weevil	Coleoptera	Curculionidae	Leaf, shoot
	<i>Helopeltis westwoodi</i> White	Capsid bug	Heteroptera	Miridae	Leaf
	<i>Jacobiasca (Empoasca) libyca</i> (De Berg)	Cooton jassid	Homoptera	Cicadellidae	Leaf, shoot
	<i>Tildenia (Phthorimaea) gudmanella</i> (Walsingham)	Floer bud moth	Lepidoptera	Gelechiidae	Leaf
	<i>Zonosemata electa</i> (Say)	Pepper maggot	Diptera	Tephritidae	Fruit
<b><i>Allium</i> spp. (Shallots and Onions)</b>	<i>Aceria tulipae</i> (K.)	Garlic mite	Acarina	Eriophyidae	Leaf, shoot
	<i>Delia (Hylema) antiqua</i>	Cabbage fly	Diptera	Anthomyiidae	Fruit, leaf
	<i>Eumerus strigatus</i> (Fallen)	Lesser bulb fly	Diptera	Syrphidae	Fruit, leaf
<b><i>Lactuca sativa</i> (Lettuce) Linn.</b>	<i>Hyperomyzus (Nasonovia) lactucae</i> Linn.	Blackcurrant-sowthistle aphid	Homoptera	Aphididae	Leaf, shoot
<b><i>Brassica</i> spp. (Cabbage and cauliflower)</b>	<i>Aperitmetus brunneus</i> (Hust.)	Tea Root Weevil	Coleoptera	Curculionidae	Root

	<i>Bagrada hilaris</i> (Burm.)	Bagrada bug	Heteroptera	Pentatomidae	Leaf, shoot
	<i>Hemiberlesia lataniae</i> (Sign.)	Latania scale	Homoptera	Diaspididae	Leaf, shoot
	<i>Pieris brassicae</i> (L.)	Cabbage butterfly	Lepidoptera	Pieridae	Leaf
<b><i>Cucumis sativus</i> (Cucumber) Linn.</b>	<i>Diaphania (Margaonia) indica</i> (Saunders)	Cucumber moth	Lepidoptera	Pyralidae	Leaf
	<i>Thrips palmi</i> Karny	Melon thrips	Thysanoptera	Thripidae	Leaf, fruit, shoot
<b><i>Cucurbita pepo</i> Linn. (Gourd)</b>	<i>Acythopeus</i> (Baris) <i>cucurbitae</i> Manilabaris	Leaf beetle	Coleoptera	Curculionidae	Leaf
	<i>Thrips palmi</i> Karny	Melon thrips	Thysanoptera	Thripidae	Leaf, fruit, shoot
<b><i>Cocos nucifera</i> (Coconut) Linn.</b>	<i>Rhynchophorus ferrugineus</i> (Olivier)	Red palm weevil	Coleoptera	Curculionidae	Leaf, fruit
<b><i>Mangifera indica</i> (Mango) Linn.</b>	<i>Acrocercops</i> spp.	Wattle moth	Lepidoptera	Gracillariidae	Leaf
	<i>Anastrepha chicalayae</i> Greene	Tephritid fruit fly	Diptera	Tephritidae	Fruit
	<i>Anastrepha fraterculus</i> (Wiedemann)	South american fruitfly	Diptera	Tephritidae	Fruit
	<i>Anastrepha ludens</i> (Loew)	Mexican fruitfly	Diptera	Tephritidae	Fruit

	<i>Anastrepha obliqua</i> (Macquart)	Tephritid fruit fly	Diptera	Tephritidae	Fruit
	<i>Bactrocera carambolae</i> Drew & Hancock	Carambola fruit fly	Diptera	Tephritidae	Fruit
	<i>Bactrocera tryoni</i> (Froggatt)	Tephritid fruit fly	Diptera	Tephritidae	Fruit
	<i>Ceroplastes</i> spp.	Queensland fruit fly	Diptera	Tephritidae	Fruit
	<i>Olethreutes tosoria</i>	Wax scale	Homoptera	Coccidae	Leaf, shoot
	<i>Oligonychus mangiferae</i> (R.& S.)	Tortrix moth	Lepidoptera	Tortricidae	Leaf
	<i>Paranaleptes reticulata</i> (Thomson)	Mango spider mite	Acarina	Tetranychidae	Leaf, shoot
<b><i>Mangifera indica</i> (Mango) Linn.</b>	<i>Protopulvinaria (Coccus) mangiferae</i> (Green)	Cashew stem girdler	Coleoptera	Cerambycidae	Shoot
	<i>Pseudaonidia (Aspidiptus) trilobitiformis</i> Green	Amored scale	Hemiptera	Diaspididae	Leaf, shoot
	<i>Rhagoletis</i> spp.	Scale insect	Homoptera	Diaspididae	Leaf, shoot
	<i>Sternochetus (Cryptorrhynchus) olivieri</i> (Faust)	Mango seed weevil	Coleoptera	Curculionidae	Fruit
	<i>Sternochetus frigidus (Cryptorrhynchus</i> <i>gravis)</i> Fabr.	Mango pulp weevil	Coleoptera	Curculionidae	Fruit
	<i>Sternochetus frigidus</i> (Fabr.)	Mango pulp weevil	Coleoptera	Curculionidae	Fruit
	<i>Sylepta (Haritala) balteata</i> F.	Moth	Lepidoptera	Pyralidae	Leaf

	<i>Zeuzera pyrna</i> L.	Wood leopard moth	Lepidoptera	Cossidae	Leaf
<b><i>Persea americana</i> (Avocado) Mill.</b>	<i>Anastrepha ludens</i> (Loew)	Mexican fruit fly	Diptera	Tephritidae	Fruit
	<i>Bactrocera kandiensis</i> Drew & Hancock	Tephritid fruit fly	Diptera	Tephritidae	Fruit
	<i>Cercoplastes floridensis</i> Comstock	Florida wax scale	Homoptera	Coccidae	Leaf, shoot
	<i>Conotrachelus</i> spp.	True weevils	Coleoptera	Curculionidae	Leaf, fruit
	<i>Heilipius lauri</i>	Spiked mealybug	Homoptera	Pseudococcidae	Leaf, shoot, fruit
	<i>Nipaecoccus nipae</i> (Mask)	Leaf beetle	Coleoptera	Curculionidae	Leaf
	<i>Stenoma catenifer</i> Walsingham	Avocado seed moth	Lepidoptera	Elachistidae	Leaf
<b><i>Ananas comosus</i> (Pineapple) (L.) Merv.</b>	<i>Diaspis bromeliae</i> (Kern)	Pineapple scale	Homoptera	Diaspididae	Leaf, shoot
	<i>Thecla Basilides</i> (Geyer)	Pineapple borer	Lepidoptera	Lycaenidae	Leaf, shoot
<b><i>Musa</i> spp. (Banana and Plantain)</b>	<i>Pentolonia nigronervosa</i> Coq.	Banana aphid	Homoptera	Aphididae	Leaf, shoot
<b><u>FIBRES</u></b>					
<b><i>Gossypium</i> spp. (Cotton)</b>	<i>Anthonomus grandis</i> Boh.	Boll weevil	Coleoptera	Curculionidae	Leaf, shoot

	<i>Heliothis nubigera</i> Herrich-Schäffer	Eastern bordered straw	Lepidoptera	Noctuidae	Leaf, shoot
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**FLOWERS AND ORNAMENTALS**

<b><i>Opuntia</i> spp.</b>	<i>Aonidiella aurantii</i> (Maskell)	Red scale	Homoptera	Diaspididae	Leaf, shoot
	<i>Unaspis citri</i> Comstock	Citrus snow scale	Homoptera	Diaspididae	Leaf, shoot

**FORESTRY, PLANTATION TREES AND TIMBER**

<b><i>Eucalyptus</i> spp.</b>	<i>Acromyrmex</i> sp.	Ant	Hymenoptera	Formicidae	Leaf, shoot
	<i>Eriococcus coriaceus</i> Maskell	Gum tree scale	Homoptera	Eriococcidae	Leaf, shoot
	<i>Gonipterus scutellatus</i> Gyllenhal	Eucalyptus snout beetle	Coleoptera	Curculionidae	Leaf
	<i>Phaenomerus</i> sp.	Leaf beetle	Coleoptera	Curculionidae	Leaf
<b><i>Eucalyptus</i> spp.</b>	<i>Phoracantha recurva</i> Newman	Lesser eucalyptus longhorn	Coleoptera	Cerambycidae	Leaf

**GRAINS**

<b><i>Oryza sativa</i> (Rice) Linn.</b>	<i>Chilo diffusilineux</i>	Rice stemborer	Lepidoptera	Crambidae	Leaf, shoot
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	<i>Dicladispa gestrei</i>	Leaf beetle	Coleoptera	Chrysomelidae	Leaf
	<i>Dicladispa virid</i>	Leaf beetle	Coleoptera	Chrysomelidae	Leaf
	<i>Hieroglyphus africanus</i> Uvarov	African grasshopper	Orthoptera	Acrididae	Leaf
	<i>Nephotettix nigropictus</i> ( <i>Nephotettix apicalis</i> ) (Stal)	Rice green leafhopper	Homoptera	Cicadellidae	Leaf
	<i>Orseolia oryzae</i> (Wood-Mason)	leaf beetle	Coleoptera	Chrysoelidae	Leaf
	<i>Pachydiplosis oryzae</i> (Wood-Mason)	Asian rice gall midge	Diptera	Cecidomyiidae	Shoot
	<i>Trichispa sericea</i> (Guerin)	Rice gall midge	Diptera	Cecidomyiidae	Shoot
<b><i>Zea mays</i> (Maize) Linn.</b>	<i>Rhopalosiphum maidis</i> (Fitch)	Corn leaf aphid	Homoptera	Aphididae	Leaf, shoot
	<i>Stenodiplosis sorghicola</i> (Coquillett)	Sorghum midge	Diptera	Cecidomyiidae	Leaf, shoot
	<i>Sesamia nonagroides</i> (Leg.)	Pink stalk borer	Lepidoptera	Noctuidae	Leaf, shoot
	<i>Trogoderma granarium</i> Everts	Khapra beetle	Coleoptera	Dermeestidae	Grain
<b><i>Sorghum bicolor</i> (Guinea corn) Moench (<i>vulgare</i>) Pers.</b>	<i>Celema sorghiella</i> Riley	Sorghum moth	Lepidoptera	Noctuidae	Leaf

<i>Oligonychus (Paratetranychus) indicus</i> Hirst	Sugarcane red spider mite	Acarina	Tetranychidae	Leaf, shoot
<i>Stenodiplosis sorghicola</i> (Coquillett)	Sorghum midge	Diptera	Cecidomyiidae	Leaf, shoot
<i>Trogoderma granarium</i> Everts	Khapra beetle	Coleoptera	Dermeestidae	Grain

## **LEGUMES**

### ***Vigna unguiculata* (Cowpea) (Linn.) Wale**

<i>Cerotoma trifurcata</i> (Forster)	Bean leaf beetle	Coleoptera	Chrysomelidae	Leaf
<i>Elasmopalpus lignosellus</i> (Zeller)	Lesser cornstlk borer	Lepidoptera	Pyrallidae	Leaf, shoot
<i>Epilachna varivestis</i> Muls.	Mexican bean beetle	Coleoptera	Coccinellidae	Leaf
<i>Sericothrips occipitalis</i> Hood	leaf thrip	Thysanoptera	Thripidae	Leaf, shoot
<i>Spodoptera exigua</i> (Hb.)	Beet armyworm	Lepidoptera	Noctuidae	Leaf

### ***Phaseolus* (Beans)**

<i>Epilachna bifasciata</i> (Linnaeus)	Ladybird beetle	Coleoptera	Coccinellidae	Leaf
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### ***Glycine max.* Merr. (Soy bean)**

<i>Sinuessa subinerma</i>	Lace bug	Heteroptera	Tingidae	Leaf, shoot
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<b><i>Arachis hypogaea</i> (Groundnut) Linn.</b>	<i>Caryedon serratus</i> (Oliv.)	Peanut beetle	Coleoptera	Bruchidae	Leaf
	<i>Cicadulina arachidis</i> China	leafhopper	Homoptera	Cicadellidae	Leaf, shoot
<b><i>Arachis hypogaea</i> (Groundnut) Linn.</b>	<i>Hodotermes mossambicus</i> Hagen	Harvester termite	Isoptera	Hodotermitidae	Leaf, shoot
	<i>Mylabris acculata uniformis</i> L.	Blister beetle	Coleoptera	Meloidae	Leaf
	<i>Mylabris bicinta</i>	Blister beetle	Coleoptera	Meloidae	Leaf

### OIL CROPS

<b><i>Elaeis guineensis</i> (Oil palm) Jacq.</b>	<i>Diocalandra frumenti</i> (F.)	Four-spotted coconut weevil	Coleoptera	Curculionidae	Leaf, fruit
	<i>Mellitoma insulare</i> Fairm		Coleoptera	Lymexylidae	
	<i>Parlatoria blanchardii</i> (Targ.)	Date palm scale	Homoptera	Diaspididae	Leaf, shoot
	<i>Pseudophilis testaceus</i> Gah.	-	Coleoptera	Cerambycidae	Leaf
<b><i>Cocos nucifera</i> (Coconut) Linn.</b>	<i>Diocalandra taitense</i> (Guer)	Coconut weevil	Coleoptera	Curculionidae	Leaf, fruit
	<i>Melittomma insulare</i> Fairm	Coconut trunk borer	Coleoptera	Lymexylidae	Leaf
	<i>Pseudaulacaspis (Phenacaspis) cockerelli</i> (Cooley)	False oleander scale	Homoptera	Diaspididae	Leaf, shoot
	<i>Raoiella indica</i> Hirst	Red palm mite	Acarina	Tenuipalpidae	Leaf, shoot

<i>Rhinostomus niger</i> Drury	Black palm weevil	Coleoptera	Curculionidae	Leaf, shoot
<i>Stephanitis typica</i> (Dist.)	Banana lace-wing bug	Heteroptera	Tingidae	Leaf, shoot

**Sesamum spp.  
(Sesame)**

<i>Antigastra catalaunalis</i> (Dup.)	Sesame leaf webber	Lepidoptera	Pyrilidae	Leaf
<i>Baris helleri</i>	Weevil	Coleoptera	Curculionidae	Leaf
<i>Hieroglyphus banian</i> (F.)	Rice grasshopper	Orthoptera	Acrididae	Leaf
<i>Lachnosterna (Holotrichia) helleri</i>	Scarabid beetle	Coleoptera	Scarabaeidae	Leaf
<i>Phricodus</i> sp.	Stink bug	Hemiptera	Pentatomidae	Leaf, shoot
<i>Taylorilygus (Lygus) vosseleri</i> (Pepp.)	Plant bug	Heteroptera	Miridae	Leaf, shoot

**Helianthus annuus  
Linn. (Sunflower)**

<i>Eurygaster</i> spp.	Wheat bug	Heteroptera	Pentatomidae	Leaf, shoot
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**PLANTATION AND  
INDUSTRIAL  
CROPS**

**Theobroma cacao  
Linn. (Cocoa)**

<i>Antilenchus (Mecistorhinus) tripterus</i> F.	Bug	Hemiptera	Pentatomidae	Leaf, shoot
<i>Helopeltis clavifer</i> (Walker)	Tea mosquito bug	Heteroptera	Miridae	Leaf, shoot
<i>Pantorhytes</i> spp.	Cocoa weevil borer	Coleoptera	Curculionidae	Branch
<i>Conopomorpha cramerella</i> Snellen	Cocoa pod borer	Lepidoptera	Gracillariidae	Branch

	<i>Achaea catocaloides</i> Guenee	Owlet moth	Lepdoptera	Eribidae	Branch
<b>Coffea spp. (Coffee)</b>	<i>Anthores leuconotus</i> Pasc.	White coffee borer	Coleoptera	Cerambycidae	Branch
	<i>Antestiopsis</i> sp.	Shield bug	Heteroptera	Pentatomidae	Leaf, shoot
	<i>Ceracoccus catenarius</i> (Fonseca)	Ornate pit scale	Homoptera	Coccidae	Leaf, shoot
	<i>Dichocrosis crocodora</i> Meyrick	Moth	Lepidoptera	Crambidae	Leaf
<b>Hevea brasiliensis (Kunth) (Rubber)</b>	<i>Atopomyrmex mocquerysi</i> Andre	Arboreal ant	Hymenoptera	Formicidae	Leaf, shoot
	<i>Cryphalus hevea</i>	Rubber bark beetle	Coleoptera	Curculionidae	Leaf, shoot
	<i>Hypothenemus setosus</i> ( <i>Cryphalus congonus</i> ) Eichhoff	Bark and amnrosia beetle	Coleoptera	Scolytidae	Leaf, shoot
	<i>Polyphagotarsonemus (Hemitarsonemus) latus</i> (Banks)	Broadmite	Acarina	Tarsonemidae	Leaf, shoot
	<i>Xyleborus affinis</i> Eichhoff	Sugarcane shot-hole borer	Coleoptera	Scolytidae	Leaf, shoot
<b>Nicotiana tabacum Linn. (Tobacco)</b>	<i>Dicyphus minimus</i> Uhler	Capsid	Hemiptera	Miridae	Leaf, shoot
	<i>Lema bilineata</i> Germar	Tobacco slug beetle	Coleoptera	Chrysomelidae	Leaf, shoot
	<i>Phthorimaea operculella</i> (Zeller)	Potato tuber moth	Lepidoptera	Gelechiidae	Tuber

<i>Polyphagotarsonemus</i> ( <i>Hemitarsonemus</i> ) <i>latus</i> (Banks )	Broad mite	Acarina	Tarsonemidae	Leaf ,shoot
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<i>Scrobipalpa heliopa</i> (Lower)	Eggplant budworm	Lepidoptera	Gelechiidae	Leaf, shoot
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**Saccharum  
officinarum Linn.  
(Sugar cane)**

<i>Acanthomytilus sacchari</i> Hall	Scale insect	Homoptera	Diaspididae	Leaf, shoot
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<i>Chilo sacchariphagus</i> Bojer	Spotted borer	Lepidoptera	Pyralidae	Leaf, shoot
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<i>Cicadulina niger</i> Ghauri	Leafhopper	Homoptera	Cicadellidae	Leaf, shoot
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<i>Clemora (Phytalus) smithi</i> Arrow	Sugar cane chafer beetle	Coleoptera	Melolonthidae	
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<i>Diatraea</i> sp.	Borer	Lepidoptera	Crambidae	Shoot
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<i>Perkinsiella saccharicida</i> (Ckll.)	Delphacid planthopper	Homoptera	Delphacidae	Leaf, shoot
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<i>Pulvinaria tenuivalvata</i> (Newstead)	Red striped-soft scale	Homoptera	Coccidae	Leaf, shoot
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<i>Rhabdoscelis obscurus</i> Boisd.	Sugar cane weevil	Coleoptera	Curculionidae	Leaf, shoot
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<i>Yanga guttulata</i> Signoret		Heteroptera	Cicadidae	
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**ROOT AND TUBER**

**Dioscorea sp.  
(Yam)**

<i>Chrytophlebia peltastica</i> (Meyrick)	Litchi moth	Lepidoptera	Tortricidae	Leaf, shoot
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<i>Hemiberlesia tectonae</i> Lindinger	Scale insect	Homoptera	Diaspididae	Leaf, shoot
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	<i>Rhizoecus amorphophalli</i> Betrem	Mealybug	Hemiptera	Pseudococcidae	Leaf, shoot, fruit
	<i>Diaprepes abbreviatus</i> Linnaeus	Citrus weevil	Coleoptera	Curculionidae	Leaf
<b><i>Ipomoea batatas</i> (Sweet potato) Poir.</b>	<i>Aceria</i> sp.	Mite	Acarina	Eriophyidae	Leaf, shoot
	<i>Acraea bonasia</i> Fabricius	Brush-footed butterfly	Lepidoptera	Acraeidae	Leaf
	<i>Aegeria erythromma</i> Hampson	Clearwing moth	Lepidoptera	Nymphalidae	Leaf
	<i>Euscepes postfasciatus</i> Fairm.	West indian sweet potato weevil	Coleoptera	Curculionidae	Leaf
	<i>Pseudaulacapsis pentagona</i> (Targ.)	Mulberry scale	Homoptera	Diaspididae	Leaf, shoot
	<i>Tecia solanivora</i> Povolny	Potato tuber moth	Lepidoptera	Gelechidae	Tuber
<b><i>Solanum tuberosum</i> (Irish potato) L.</b>	<i>Aphis fabae</i> Solanella	Spindle- nightshade aphid	Homoptera	Aphididae	Leaf, shoot
	<i>Empoasca fabae</i> Harris	Potato leafhopper	Homoptera	Cicadellidae	Leaf, shoot
	<i>Leptinotarsa decemlineata</i> (Say)	Colorado potato beetle	Coleoptera	Chrysomelidae	Leaf, shoot
	<i>Peliococcus triponosus</i>	mealybug	Homoptera	Coccidae	Leaf, shoot
	<i>Phthorimaea operculella</i> (Zeller)	Potatp tuber moth	Lepidoptera	Gelechiidae	Tuber

## SPICES

### ***Piper nigrum* (Black pepper) L.**

<i>Anonaepestis tamsi</i> Bradley	Snout moth	Lepidoptera	Pyralidae	Leaf
<i>Dasynus piperis</i> China	Bug	Heteroptera	Coreidae	Leaf, shoot
<i>Diconocoris hewetti</i> (Dist)	Pepper lace bug	Hemiptera	Tingidae	Leaf, shoot
<i>Disphinctus maesarum</i> Kirk.	Betelvine bug	Heteroptera	Miridae	Leaf, shoot
<i>Longitarsus nigripennis</i> Motsch	Pollu beetle	Coleoptera	Halticidae	Leaf

### ***Piper nigrum* (Black pepper) L.**

<i>Lophobaris piperis</i> M.	Pepper weevil	Coleoptera	Curculionidae	Leaf
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### ***Zingiber officinalis* (Ginger) Roscoe**

<i>Encya strigiscutata</i> Fairmaire	Beetle	Coleoptera	Melolonthidae	Leaf
<i>Lonchotus crassus</i> (Klug)	Beetle	Coleoptera	Scarabaeidae	Leaf

## FRUITS

### ***Citrus* spp.**

<i>Anastrepha fraterculus</i> (Wied)	South American fruit fly	Diptera	Tephritidae	Fruit
<i>Anastrepha ludens</i> (Loew)	Mexican fruit fly	Diptera	Tephritidae	Fruit
<i>Anastrepha obliqua</i> (Macquart)	West indian fruit fly	Diptera	Tephritidae	Fruit

<i>Aonidiella aurantii</i> (Maskell)	Tephritid fruit fly	Diptera	Tephritidae	Fruit
<i>Aonidiella citrina</i> (Coquillett)	Red scale	Homoptera	Diaspididae	Leaf, shoot
<i>Aphis citricola</i> (spiraecola) van der Goot	Yellow scale	Homoptera	Diaspididae	Flower, shoot
<i>Aspidiotus nerii hederae</i> Bouche	Spiraea aphid	Homoptera	Aphididae	Leaf, shoot
<i>Bactrocera tryoni</i> (Froggatt)	Armored scale	Homoptera	Diaspididae	Leaf, shoot
<i>Ceratitis catoirii</i> G-M	Queensland fruit fly	Diptera	Tephritidae	Fruit
<i>Ceratitis malagassa</i> Munro	Tephritid fruit fly	Diptera	Tephritidae	Fruit
<i>Diaphorina citri</i> (Kuway)	Tephritid fruit fly	Diptera	Tephritidae	Fruit
<i>Diaprepes abbreviatus</i> (L.)	Asian citrus psyllid	Homoptera	Psyllidae	Leaf, shoot
<i>Ephestia rapidella</i>	Moth	Lepidoptera	Pyralidae	Leaf
<i>Eutetranychus orientalis</i> (Klein)	Citrus brown mite	Acarina	Tetranychidae	Leaf, shoot
<i>Hemitarsonemus latus</i> (Banks)	Yellow tea mite	Acarina	Tarsonemidae	Leaf, shoot
<i>Lidingaspis piceus</i>	mite	Acarina	Tetranychidae	Leaf, shoot
<i>Panonychus citri</i> (McGregor)	Citrus red mite	Acarina	Tetranychidae	Leaf, shoot
<i>Phyllocoptruta oleivora</i> (Ashmead)	Citrus rust mite	Acarina	Eriophyidae	Leaf, shoot
<i>Praelongorthezia praelonga</i> (Douglas)	Citrus orthezia	Hemiptera	Ortheziidae	Leaf
<i>Prays citri</i> (Mill)	Citrus flower moth	Lepidoptera	Ponomeutidae	Leaf

<i>Rhagoletis</i> spp.	Citrus root weevil	Coleoptera	Curculionidae	Root
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### QUARANTINE DISEASES

#### GRAINS

#### **Maize (*Zea Mays*)**

Barley yellow dwarf virus	Rough dwarf	Virus	Whole plant	No
<i>Clavibacter michiganensis</i> Davis et al.	Bacterial canker	Bacteria	Whole plant	Yes
<i>Cephalosporium sacchari</i> Butler & Hafiz Khan	Wilt	Fungi	Whole plant	Yes
<i>Cochliobolus carbonum</i> Nelson	Maize Leaf spot	Fungi	Leaf	Yes
Filaree red Leaf virus	Filaree red leaf	Virus	Whole plant	No
Grass natal mosaic virus	Grass natal mosaic	Virus	Whole plant	No
<i>Leptosphaera turcica</i>	Stalk rot	Fungi	Leaf	Yes
Maize chlorotic dwarf virus (Spiroplasma)	Corn stunt	Virus	Whole plant	No
Maize Leaf fleck virus	Maize leaf fleck	Virus	Whole plant	No
Maize lethal virus	Maize lethal necrosis	Virus	Whole plant	Yes
Maize rough dwarf virus	Chlorotic dwarf	Virus	Whole plant	No
Maize stripe virus	Maize stripe	Virus	Leaf	No
Maize stunt virus	Yellow dwarf	Virus	Whole plant	No



	Maize wallaby ear virus	Wallaby ear	Virus	Leaf	No
	<i>Pantoea stewartii</i> (Smith) Mergaert <i>et al.</i>	Bacterial Leaf blight	Bacteria	Leaf	Yes
	<i>Peronosclerospora maydis</i> (Racib.) Shaw	Brown stripe downy mildew	Water mould	Leaf	Yes
	<i>Peronosclespora philippinensis</i> (Rac.) Shaw	Philippine downy mildew	Water mould	Leaf	Yes
	<i>Physpora zea</i>	Stalk rot	Fungi	Stem	Yes
	<i>Pseudomonas alboprecipitans</i> Rosen	Bacterial leaf wilt	Bacteria	Leaf, stalk	Yes
<b>Maize (<i>Zea Mays</i>)</b>	<i>Sclerospora indica</i> Butler	Brown stripe downy mildew	Water mould	Leaf	Yes
	<i>Sclerospora sacchari</i> Miyake	Sugarcane downy mildew	Water mould	Leaf	Yes
	<i>Sclerospora spotaneum</i>	Downy mildew	Water mould	Leaf	Yes
	<i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i> Cmn.	Bacterial canker	Bacteria	Whole plant	Yes
	Sugarcane mosaic virus	Sugarcane mosaic	Virus	Leaf	Yes
<b>Sorghum (<i>Sorghum vulgare</i>)</b>	<i>Ascochyta sorghi</i> Sacc.	Rough Leaf spot	Fungi	Leaf	Yes
	<i>Cercospora sorghi</i> Ellis & Everh.	Grey Leaf spot	Fungi	Leaf	Yes
	<i>Cochliobolus carbonum</i> Nelson	Cochliobolus carbonum	Fungi	Leaf	Yes

<i>Drecheslera turcica</i> (Pass.) Subram. & Jain.	Downy mildew	Water mould	Leaf	Yes	
<i>Erwinia stewartii</i> (Smith) Dye.	Stewards disease of maize	Bacteria	Leaf	Yes	
<i>Fursarium verticilliodes</i> Sacc.	Smut disease of sorghum	Fungi	Stalk, seed	Yes	
<i>Fusarium andayazi</i>	Smut disease of sorghum	Fungi	Ear, seed	Yes	
<i>Fusarium thapsinum</i> Klittich, Leslie, Nelson & Marasas	Smut	Fungi	Stalk, seed	Yes	
<i>Gibberella fujikuroi</i> (Sawada) Wollenw.	Smut disease of sorghum	Fungi	Ear, seed	Yes	
<i>Gloeocercospora sorghi</i> Bain & Edgerton ex Deighton	Zonate Leaf spot	Fungi	Leaf	Yes	
Maize mosaic virus	Sorghum mosaic virus	Virus	Leaf	No	
<b>Sorghum (<i>Sorghum vulgare</i>)</b>	Maize stripe virus	Sorghum stripe virus	Virus	Leaf	No
	<i>Pantoea stewartii</i> (Smith) Mergaert <i>et al.</i>	Bacterial leaf blight	Bacteria	Leaf	Yes
	<i>Pantoea stewartii</i> (Smith) Mergaert <i>et al.</i>	Bacterial leaf wilt	Bacteria	Leaf	Yes
	<i>Periconia circinata</i> (Mangin) Sacc.	Milo disease	Fungi	Whole plant	Yes
	<i>Peronosclerospora graminicola</i>	Downy mildew	Water mould	Leaf	Yes

	<i>Peronosclerospora macrospora</i> Sacc.	Crazy top	Fungi	Leaf, stem	Yes
	<i>Peronosclerospora philippinensis</i> (Rac.) Shaw	Philippine downy mildew	Water mould	Leaf	Yes
	<i>Peronosclerospora sorghi</i> (Weston & Uppal.) Shaw	Brown stripe downy mildew	Water mould	Leaf	Yes
	<i>Pseudomonas andropogoni</i> Smith	Bacterial stripe	Bacteria	Leaf	Yes
	<i>Pseudomonas syringae</i> van Hall	Bacterial spot	Bacteria	Leaf	Yes
	<i>Puccinia purpurea</i> Cooke	Red rust	Fungi	Leaf	Yes
	<i>Puccinia sorghi</i> Schwein.	Red rust	Fungi	Leaf	Yes
	<i>Ramulispora sorghi</i> (Ellis & Everh.) Olive & Lefebvre	Sooty stripe	Fungi	Leaf	Yes
	<i>Sclerospora indica</i> Butler	Brown stripe downy mildew	Water mould	Leaf	Yes
	<i>Sclerospora sacchari</i> Miyake	Sugarcane downy mildew	Water mould	Leaf	Yes
	<i>Sclerospora spontaneum</i> L.	Downy mildew	Water mould	Whole plant	Yes
	<i>Sphacelia (Claviceps) sorghi</i> McRae	Sorghum ergot	Fungi	Ear, seed, leaf	Yes
	<i>Tolyposporium ehrenbergii</i> (Kühn) Pat.	Long smut	Fungi	Inflorescence, cob	Yes
<b>Rice (<i>Oryza sativa</i>)</b>	<i>Alternaria padwichii</i> Ganguly	Leaf grain spot	Fungi	Root, seed	Yes

<i>Diplodia oryzae</i>	Leaf grain spot	Fungi	Seed, leaf	Yes
Leaf blight streak virus	Streak	Virus	Leaf	No
<i>Neovossia barclayana</i> Bref.	Kernel smut	Fungi	Panicles	Yes
<i>Rhizotonia solani</i> Kühn	Sheath blight	Fungi	Stalk	Yes
Rice dwarf virus (rice stunt virus)	Dwarf	Virus	Whole plant	No
Rice orange Leaf virus	Orange Leaf disease	Virus	Leaf	No
Rice yellow dwarf virus	Yellow dwarf	Virus	Whole plant	No
<i>Sclerophthora macrospora</i> (Sacc.)	Downy mildew	Water mould	Leaf	Yes
<i>Telletia horrida</i> Tak.	Kernel smut	Fungi	Panicles	Yes
<i>Thanatephorus cucumeris</i> (Frank) Donk	Sheath blight	Fungi	Stalk	Yes
Tungro virus (orange yellow virus)	Tungro disease	Virus	Leaf	No
<i>Ustilaginoidea virens</i> (Cooke) Takah	Rice false disease	Virus	Whole plant	Yes
<i>Votyivium sasaki</i>	Leaf grain spot	Fungi	Leaf, seed	Yes
<i>Xanthomonas oryzae</i> pv. <i>Oryzicola</i>	Bacterial Leaf streak	Bacteria	Leaf	Yes
<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Ishiyama	Bacterial blight	Bacteria	Leaf, stalk	Yes

## LEGUMES

<b>Groundnut (<i>Arachis hypogaea</i>)</b>	<i>Sphaceloma arachidis</i> Bitanc. & Jenkins	Scab	Fungi	Pod	No
<b>Cowpea (<i>Vigna unguiculata</i>)</b>	<i>Fusarium oxysporum</i> Schlecht	Wilt	Fungi	Whole plant	Yes
	<i>Tiarosporella phaseolina</i> (Tassi) Aa	Charcoal rot	Fungi	Pod, stem	Yes

## ROOT AND TUBER

<b>Yam (<i>Dioscorea</i> spp.)</b>	Chinese yam necrotic mosaic virus	Chinese yam necrotic mosaic virus	Virus	Whole plant	Yes
	<i>Colletotrichum gloeosporioides</i> (Penz.) Penz. & Sacc.	Anthracnose	Fungi	Leaf, stem	Yes
	Cucumber mosaic virus	Cucumber mosaic virus	Virus	Whole plant	Yes
	Dioscorea basiliform virus	Dioscorea basiliform virus	Virus	Whole plant	Yes
	Dioscorea latent virus	Dioscorea latent virus	Virus	Whole plant	Yes
	<i>Gloesporium pestis</i> Massee	Anthracnose	Fungi	Leaf, stem	Yes
	<i>Goplana dioscoreae</i> Racib.	Rust	Fungi	Leaf	No
	<i>Hemileia dioscoreae</i> (Racib.) Syd.	Rust	Fungi	Leaf	No

<i>Penicillium sclerotigenum</i> Yamam	Leaf spot	Fungi	Leaf	No
<i>Phaeramularia disocoreae</i> Paul & Blackburn	Leaf spot	Fungi	Leaf	No
<i>Phyllostica beaumarisii</i> sp.	Leaf spot	Fungi	Leaf	No
<i>Urocystis dioscorea</i>	Smut	Fungi	Leaf	Yes

**Cassava (*Manihot esculenta*)**

<i>Axonopodis pv manihotis</i> Xam	Cassava bacterial blight	Bacteria	Leaf, Stem	No
<i>Xanthomonas cassavae</i> Wiehe & Dowson	Cassava Leaf spot/wilt	Bacteria	Whole plant	No
<i>Cassava antholysis</i>	Antholysis	Phytoplasma	Whole plant	No
Cassava brown streak virus	Streak	Virus	Leaf, stem, root	Yes
Cassava Colombian symptomless virus	Cassava Colombian symptomless disease	Virus	Whole plant	No
Cassava Ivorian baciliform virus	Cassava Ivorian baciliform	Virus	Whole plant	No
Cassava witches broom	Witches broom	Bacteria	Whole plant	Yes
Frogskin disease	Cassava frogskin disease	Virus	Whole plant	No
Indian cassava mosaic virus	Indian Cassava	Virus	Whole plant	No
<i>Sphaceloma manihoticola</i> Bitanc. & Jenkins	Superenlongation disease	Fungi	Leaf	Yes
<i>Uromyces</i> spp.	Rust	Fungi	Leaf	No

**PLANTATION AND INDUSTRIAL CROPS**

<b>Cocoa (<i>Theobromae cacao</i>)</b>	Cocoa Yellow Mosaic	Cocoa Yellow Mosaic (CYMV)	Virus	Whole plant	No
	<i>Moniliophthora perniciosa</i> (Stahel) Aime & Phillips-Mora	Witches broom	Fungi	Stem, leaf	Yes
	<i>Moniliophthora roreri</i> (Cif.) Evans, Stalpers, Samson & Benny	Frosty pod rot	Fungi	Pod	Yes
	<i>Oncobasidium theobromae</i> Talbot & Keane	Vascular Streak Dieback (VSD)	Fungi	Stem, leaf	No

**VEGETABLES**

<b>Onion (<i>Allium spp.</i>)</b>	<i>Botrytis aclada</i> Fresen	Mycelia or gray mould neck rot	Fungi	Leaf	No
	<i>Botrytis allii</i> Munn	Mycelia or gray mould neck rot	Fungi	Collar, leaf	No
	<i>Colletotrichum circinans</i> (Berk.) Voglino	Anthracnose	Fungi	Leaf	Yes
	<i>Colletotrichum circinans</i> (Berk.) Voglino	Smudge	Fungi	Leaf	Yes
	<i>Kluyveromyces marxianus var marxianus</i>	Yeast soft rot	Fungi	Bulb	No

<i>Mycosphaerella tassiana</i>	Leaf spot	Fungi	Leaf	No
Onion mosaic virus	Mosaic	Virus	Whole plant	No
Onion yellow dwarf virus	Onion yellow dwarf disease	Virus	Whole plant	No
<i>Puccinia allii</i>	Rust	Fungi	Leaf	No
<i>Puccinia asparagi</i>	Rust	Fungi	Leaf	No
<i>Pyrenochaeta terrestris</i>	Pink Root	Fungi	Root, bulb	No
<i>Pyrenochaeta terrestris</i>	Rose Root rot	Fungi	Root, bulb	No
<i>Sclerotinia sclerotiorum</i>	Onion blast of foliage	Fungi	Leaf	No
<i>Sclerotium cepivorum</i>	White rot of bulb	Fungi	Bulb	No
Shallot latent colour virus	Shallot latent colour disease	Virus	Whole plant	No
<i>Urocystis cepulae</i>	Smut	Fungi	Whole seedling	No
<i>Xanthomonas axonopodis pv allii</i>	Xanthomonas seed blight	Bacteria	Whole plant	Yes

**Tomato (*Solanum lycopersicum*)**

<i>Phytophthora cactorum</i> (Lebert & Cohn) J. Schröt.	Stem & fruit rot	Water mould	Stem, fruit	No
<i>Phytophthora capsici</i> Leonian	Stem & fruit rot	Water mould	Stem, fruit	No
<i>Phytophthora cinnamoni</i> Rands	Stem & fruit rot	Water mould	Stem, fruit	No
<i>Phytophthora cryptogera</i>	Stem & fruit rot	Water mould	Stem, fruit	No
<i>Phytophthora drechsleri</i> Tucker	Stem & fruit rot	Water mould	Stem, fruit	No



<i>Puccinia pittieriana</i> Henn.	Rust	Fungi	Leaf	No
<i>Pyrenochaeta lycopersici</i> R.W. Schneid. & Gerlach	Root rot	Fungi	Root	No
Tobacco streak virus	Streak	Virus	Leaf	Yes
Tomato apical stunt viroid	Bunchy stunting	Virus	Whole plant	Yes
Tomato big bud virus	Big bud	Virus	Whole plant	No
Tomato black ring virus	Black ring	Virus	Whole plant	Yes
Tomato bunchy top viroid	Bunchy top	Virus	Whole plant	Yes
Tomato spotted wilt virus	Wilt	Virus	Whole plant	Yes

## **FRUITS**

***Citrus sinensis*  
(Sweet orange) (L.)  
Osbeck**

<i>Candidatus Liberibacter africanus</i> Jagoueix, Bové & Garnier	Citrus greening	Bacteria	Leaf, fruit, shoot	No
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## **QUARANTINE NEMATODES**

<b>Rice (<i>Oryza sativa</i>)</b>	<i>Ditylenchus angustus</i> Buther	Rice stem nematode	Nematode	Root, bulb	Yes
	<i>Ditylenchus dipsaci</i> kuhn	Rice stem nematode	Nematode	Root, bulb	Yes
	<i>Heterodera avenae</i> Wollenweber	Rice cyst nematode	Nematode	Root	Yes
	<i>Heterodera oryzae</i> Luc & Berdon	Rice cyst nematode	Nematode	Root	Yes

	<i>Pratylenchus oelattrei</i>	Rice lesion nematode	Nematode	Root	No
	<i>Tylenchorhynchus martini</i> Fielding	Rice stunt nematode	Nematode	Root	No
<b>Flowers</b>	<i>Meloidogyne chitwoodi</i> Golden, O'Bannon, Santo, and Finley	Columbia root-knot nematode	Nematode	Root	No
<b>Potato (<i>Solanum tuberosum</i>)</b>	<i>Globodera pallida</i> Stone	Potato cyst nematode	Nematode	Root, seed tuber	Yes
	<i>Globodera rostochiensis</i> (Wollenweber)	Potato cyst nematode	Nematode	Root, seed tuber	Yes
	<i>Meloidogyne chitwoodi</i> Golden, O'Bannon, Santo, and Finley	Columbia root-knot nematode	Nematode	Root	No
<b>Pine tree (<i>Pinus</i> spp.)</b>	<i>Bursaphelenchus xylophilus</i> (Steiner & Buhrer) Nickle	Pine wood nematode	Nematode	Bark	No