

**MINISTRY FOR PRIMARY INDUSTRIES
NEW ZEALAND**

**IMPORTING COUNTRIES PHYTOSANITARY
REQUIREMENTS**

COLOMBIA

Status: Approved

Date: 11 September 2000

**EXPORTERS ARE ADVISED TO CONFIRM THE
PHYTOSANITARY IMPORT REQUIREMENTS PRIOR
TO EXPORT FROM NEW ZEALAND**

Amendment Record

Amendment No.	Date:	Nature of amendment:	Approved by:
12	14 July 2022/ 29/07/2022	Added <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> Tropical race 4 to Appendix 1. Quarantine Pests as Notified by Colombia. Added 'Quarantine pests absent' and 'Quarantine pests present' to Appendix 1. Quarantine Pests as Notified by Colombia.	MM
11	27 March 2020	Added <i>Drosophila suzukii</i> to Appendix 1. Quarantine Pests as Notified by Colombia	GF
10	28 July 2017	Removed Maximum Pest Limit (MPL) section 2.5, as MPL is covered in the MPI Certification standard and is not within the scope of the ICPRs. Added entry requirements for <i>Lolium</i> spp. in section 4.4 Seed, nuts and grains.	HK

Amendment No.	Date:	Nature of amendment:	Approved by:
9	4 May 2017	Removed the <i>Actinidia deliciosa</i> (kiwifruit), section 4.1 Fresh fruits and vegetables. Added a condition under the specific commodity class to state that for new market access, a full Pest Risk Analysis (PRA) is required. Added 8 new quarantine pests, Appendix 1 Removed Maximum Pest List, section 2.5. MPL is covered in the MPI Certification Standard and is not within the scope of the ICPR. Added new section for fees and charges, section 1.4 and table heading on the prohibited list, section 2.1 Updated disclaimer, general information and quarantine pests' requirements, section 1, and 2.4 respectively. Reformatted the presentation of quarantine pests by providing the pest type, order, family and common names. Corrected misspelt scientific names and provided synonyms, Appendix 1. Reformatted the presentation of amendment record starting with the most recent record of amendments.	GF
8	13 August 2015	Added additional statement to scope. Added soil tolerance for seed for sowing, 0.1% (by weight), refer to section 2.5. Updated contact details for MPI. Additional section for wood packaging refer to 2.10.	JN
7	11 March 2013	Section 4.4. Addition of import requirements for <i>Daucus carota</i> (carrot) seed.	LZ
6	29 January 2013	Section 4.4. Addition of import requirements for <i>Beta vulgaris</i> (beet) seed.	LZ

Amendment No.	Date:	Nature of amendment:	Approved by:
		Entire document – Ministry of Agriculture and Forestry changed to Ministry for Primary Industries to reflect ministry name change on 30 April 2012. Update name of Colombia NPPO. Section 1.1 Update email address, contact details for MPI Plant Exports	
5.	25 March 2010	Addition of a quarantine pest list. Taken from existing kiwifruit import requirements and from an import permit for <i>Zantedeschia</i> spp. Addition of import requirements for <i>Zantedeschia</i> spp. Import permit 2009.	GI
4.	22 March 2007	Amendment of MAF contact details Section 1.1	SW
3.	1 February 2005	Amendment of MAF contact details Sections 1.1 and 1.2. Minor reformatting of document.	WJH
2.	14 February 2003	Renaming and reformatting of standard. Amendment to Section 2.5 re MPLs.	WJH
1.	11 September, 2000	Re-issue of EPS	SCO

DISCLAIMER

The phytosanitary requirements in this document may be used as the basis for export certification. However, exporters should be aware that importing countries may change their requirements at any time; at short notice or without giving notice to New Zealand.

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Compliance with this document is not to be taken as a guarantee that any particular goods will be granted access to any overseas market. We recommend that exporters work with their importers to obtain the most up-to-date information.

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1 General Information

Users of this document are strongly advised to read all sections to understand the phytosanitary requirements for a commodity.

1.1 For enquires about this document email the Plant Exports Team:

plantexports@mpi.govt.nz

Please state the nature of your enquiry in the subject line e.g. Colombia query or pest interception or password re-set.

For urgent enquiries please phone + 64 4 894 5693

1.2 Scope

The requirements listed in this Importing Country's Phytosanitary Requirement (ICPR) apply to product of New Zealand only, unless specifically stated.

This document specifies Colombia's phytosanitary requirements. If a commodity or commodity group is not identified within this ICPR exporters should direct their enquiries to:

- Colombia directly to ascertain requirements,
- or
- Ministry for Primary Industries (Plant Exports)

1.3 Phytosanitary Legislation

Colombian Agricultural Institute (ICA) Resolutions

Colombia's phytosanitary requirements for kiwifruit plants and plant products are documented in the Requirements for the Introduction into Colombia of Plant Material and Biological Agents in Support of Agriculture, Manual Reference DDO DSV M 592, 1 March 1993 (Ministry of Agriculture, Colombian Institute of Agriculture (ICA), Plant Health Inspection and Quarantine Division).

1.4 Fees and charges

Please note that the determination and provision of phytosanitary requirements for a commodity not listed within the ICPR may be undertaken on a cost recovered basis. A link to the list of Plant Exports Fees and Charges is available on <http://mpi.govt.nz/exporting/food/fruit-and-vegetables/fees-and-charges/>

2. General Requirements

2.1 Prohibitions

Table 1. Prohibited commodities into Colombia

Scientific Name	Common Name	Plant Part Prohibited
	Soil / Earth	All soil prohibited

2.2 Import Permit

2.2.1 Import permit state the phytosanitary requirements for importation.

2.2.2 Import permit are required for the importation of :

- Plants
- Plant products (except fresh fruit)
- Regulated articles

2.2.3 Import permit are not required for the importation of:

- Fresh fruit

Import permit can be requested from:

Subgerencia de Protección y Regulación Agrícola
Instituto Colombiano Agropecuario (ICA)
Calle 37 No. 8-43, piso 5
Edificio Colgas
Bogotá
Colombia

Telephone: (+57) 1 3325004 or

Fax: (+57) 1 2324693

E-mail: jaime.cardenas@ica.gov.co

Website: [http://www.ica.gov.co/\(Es\)](http://www.ica.gov.co/(Es))

Hours: 8.00am – 5.00pm

Note: Plants or plant products not historically exported to Colombia will require a full Pest Risk Analysis (PRA) before an import permit can be issued.

2.3 Phytosanitary Certificates

Phytosanitary certificates are required for the importation of plants, plant products, regulated articles (other than genetic material for research purposes).

2.4 Quarantine Pests

For a list of quarantine pests see Appendix 1. The scientific name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>). Please note that the scientific name remains as the definitive name. In addition, MPI will also include synonyms specified by the importing country for use on additional declarations.

Quarantine pests for Colombia include organisms specified in Appendix 1 of this ICPR, additional declarations and/or import permit.

2.5 Inspection on Arrival

All plants, plant products and regulated articles are subject to inspection on arrival.

2.6 Sampling Rate

Not specified

2.7 Ports of Entry

Not specified

2.8 Transit Requirements

Not specified

2.9 Wood Packaging

Refer to Forestry ICPR for Colombia, link below:

<http://www.mpi.govt.nz/law-and-policy/requirements/importing-countries-phytosanitary-requirements/forestry-icprs/colombia/>

3. Commodity Class Requirements

For new market access, a full Pest Risk Analysis (PRA) is required.

3.1 Fresh Fruit and Vegetables

Conditions:

Import permit not required. Phytosanitary required.

3.2 Bulbs/tubers/corms/rhizomes etc

Conditions:

Import permit and phytosanitary certificate required. Additional declaration required.

The material shall be free of soil or land molluscs (snails and slugs) substrate plant and animal except inert substrate. Phytosanitary inspection at the place of entry.

Exporters are advised to check whether they must be registered with the Colombian Institute of Agriculture (ICA) as an importer of plant/fruit material for production.

3.3 Whole Plants

Conditions:

Import permit and phytosanitary certificate required. The importer must be registered with the Colombian Institute of Agriculture (ICA) as an importer of plant/fruit material for production.

3.4 Seeds, Grains and Nuts

Conditions:

Import permit and phytosanitary certificate required.

3.5 Growing and Packaging Media

Conditions:

Import permit and phytosanitary certificate required.

4. Commodity Specific Requirements

4.1 Fresh Fruit and Vegetables

Conditions:

Refer Section 3.1.1

4.2 Bulbs/tubers/corms/rhizomes etc.

Zantedeschia spp.

Calla lily

Conditions:

Import permit and phytosanitary certificate required. Additional declaration required. The material shall be free of soil or land molluscs (snails and slugs) substrate plant and animal except inert substrate. The producer shall certify that the material is not genetically modified. Phytosanitary inspection at the place of entry.

Additional declaration:

"The plants or bulbs are free of *Phytophthora richardiae*, Dasheen mosaic virus, *Leveillula taurina*, *Pythium myriotylum*, *Theretra oldenlandiae*, *Hippotion celerio*"

4.3 Whole Plants

(Genetic material for commercial planting or reproduction (other than for research

purposes))

Actinidia deliciosa

Kiwifruit

Conditions:

Import permit and phytosanitary certificate required. The importer must be registered with the Colombian Institute of Agriculture (ICA) as an importer of plant/fruit material for production.

Additional declarations:

"The plant material is free from earth/soil and molluscs" and either

"The plant material was derived from sources which were inspected during the growth period and found free from *Amphimallon majalis*" or

"*Amphimallon majalis* does not occur in the area of production"

4.4 Seeds, Grains and Nuts

Beta vulgaris

Beet

Conditions:

Import permit maybe required. Phytosanitary certificate required.

Additional declarations:

"The shipment has been subject to official laboratory testing and found free of Arabis mosaic virus, *Peronospora farinosa* f. sp. *betae*, *Pseudomonas syringae* pv. *aptata*, *Pseudomonas syringae* subsp. *syringae* and *Ramularia beticola*."

"Pre-packing disinfection treatment with Fludioxonil (2.5% p/p), or any equivalent products or treatment registered with NPPO"

Other requirements:

- The product packaging must be marked with the botanical name (genus and species).
- The exporter shall declare whether the seeds are transgenic.
- The material must be free of: soil, organic matter, dirt, seeds of another species, molluscs (snails and slugs), vegetable and/or animal growing media.

Daucus carota

Carrot

Conditions:

Import permit maybe required. Phytosanitary certificate required.

Additional declaration:

"The shipment has been subject to official laboratory testing and found free of *Pseudomonas marginalis*, *Alternaria radicina*, *Alternaria carotiincultae*."

Other requirements:

- Pre-loading disinfection treatment with Fludioxonil (2.5% p/p), or equivalent fungicide.
- The product packaging must be marked with the botanical name (genus and species).

- The producer must certify that the seeds are not transgenic.
- The material must be free of: soil, organic matter, dirt, seeds of another species, molluscs (snails and slugs), vegetable and/or animal growing media.
- Phytosanitary inspection at entry point.

Lolium spp.

Ryegrass

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required.

Additional declaration:

"The shipment is free of or has a maximum 5% tolerance for: *Gloeotinia temulenta*, *Corynebacterium rathayi*, *Epichloe typhina*, *Thecaphora deformans* AND

"The shipment is free of *Trogoderma granarium*"

4.5 Growing Media and Packing Material

None specified by importing country.

4.6 Microorganisms, Microbiologicals and Laboratory Specimens

None specified by importing country.

4.7 Miscellaneous

Plant Genetic Material for Research Purposes
(other than genetic material for commercial planting or reproduction)

Actinidia deliciosa

Kiwifruit

Import permit required.

Appendix 1. Quarantine Pests as Notified by Colombia

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Coleoptera	Scarabaeidae	<i>Amphimallon majalis</i>	European chafer
			<i>Adoretus sinicus</i>	Chinese rose beetle
			<i>Apogonia cribricollis</i>	
			<i>Cochliotis melolonthoides</i>	sugarcane white grub
			<i>Exomala orientalis</i>	oriental beetle
			<i>Exopholis hypoleuca</i>	
			<i>Oryctes boas</i>	African rhinoceros beetle
			<i>Oryctes monoceros</i>	coconut beetle
			<i>Oryctes rhinoceros</i>	coconut black beetle, date palm beetle
		Apionidae	<i>Apion soleatum</i>	cotton stem weevil
			<i>Cylas femoralis</i>	sweet-potato weevil
			<i>Cylas puncticollis</i>	African sweet-potato weevil
		Bostrichidae	<i>Amphicerus bicaudatus</i>	apple twig borer
		Bruchidae	<i>Bruchus rufimanus</i>	bean beetle
			<i>Callosobruchus chinensis</i>	southern cowpea weevil
		Buprestidae	<i>Agrilus sinuatus</i>	sinuate pear borer
			<i>Capnodis tenebrionis</i>	peach capnodis
		Cerambycidae	<i>Bixadus sierricola</i>	coffee stem borer
			<i>Mallodon downesi</i>	cacao stem borer, cacao wood borer
		Chrysomelidae	<i>Aulacophora hilaris</i>	pumpkin flea beetle
			<i>Brontispa longissima</i>	coconut leaf beetle
			<i>Chaetocnema confinis</i>	sweet-potato flea beetle

Coccinellidae
Cucujidae
Curculionidae

<i>Coelaenomenodera minuta</i>	hispid leaf miner, oil palm leaf miner
<i>Crioceris asparagi</i>	asparagus beetle
<i>Dicladispa armigera</i>	armour weevil
<i>Glyptoscelis squamulata</i>	grape bud beetle
<i>Leptinotarsa decemlineata</i>	ten-lined potato beetle
<i>Lema oryzae</i>	rice leaf beetle
<i>Ootheca mutabilis</i>	brown leaf beetle
<i>Oulema melanopus</i>	barley leaf beetle
<i>Epilachna similis</i>	cereal ladybird
<i>Laemophloeus minutus</i>	biscuit beetle, flat grain beetle
<i>Agasphaerops nigra</i>	lily weevil
<i>Alcidodes dentipes</i>	striped sweet potato weevil
<i>Anthonomus piri</i>	apple bud weevil
<i>Anthonomus signatus</i>	strawberry bud weevil
<i>Anthonomus vestitus</i>	Peruvian cotton boll weevil
<i>Baris granulipennis</i>	melon weevil
<i>Blosyrus ipomoeae</i>	sweet potato leaf weevil
<i>Caulophilus latinasus</i>	broad-nosed grain weevil
<i>Conotrachelus aguacatae</i>	avocado weevil
<i>Conotrachelus denieri</i>	
<i>Conotrachelus nenuphar</i>	plum weevil, plum curculio
<i>Conotrachelus perseae</i>	avocado weevil, persea weevil
<i>Dendroctonus adjunctus</i>	round-headed pine beetle
<i>Dendroctonus brevicomis</i>	southwestern pine beetle
<i>Dendroctonus frontalis</i>	southern pine beetle

<i>Dendroctonus ponderosae</i>	black-Hills beetle
<i>Diaprepes abbreviatus</i>	citrus root weevil
<i>Epicaerus cognatus</i>	Mexican potato weevil
<i>Eutinobothrus brasiliensis</i>	
<i>Eutinobothrus gossypii</i>	
<i>Euwallacea fornicates sensu stricto</i>	
<i>Gonipterus scutellatus</i>	
<i>Hypera brunneipennis</i>	Egyptian alfalfa weevil
<i>Hypera postica</i>	Alfalfa weevil
<i>Hypera zoilus</i>	clover leaf weevil
<i>Ips amitinus</i>	eight-toothed spruce bark beetle
<i>Ips calligraphus</i>	coarse writing engraver
<i>Ips confusus</i>	pinon ips
<i>Ips grandicollis</i>	five-spined bark beetle
<i>Ips lecontei</i>	Arizona five-spined engraver
<i>Ips pini</i>	eastern pine engraver
<i>Ips plastographus</i>	California pine engraver
<i>Ips sexdentatus</i>	six-toothed bark beetle
<i>Listronotus bonariensis</i>	wheat stem weevil
<i>Lixus juncii</i>	beet lixus, beet weevil
<i>Naupactus leucoloma</i>	white-fringed beetle
<i>Naupactus xanthographus</i>	grapevine weevil
<i>Otiorhynchus ovatus</i>	strawberry root weevil
Dryophthoridae	
<i>Euscepes postfasciatus</i>	scarabee weevil
<i>Odoiporus longicollis</i>	banana stem weevil

		Elateridae	<i>Agriotes obscurus</i>	click beetle
			<i>Conoderus rufangulus</i>	
		Meloidae	<i>Epicauta vittata</i>	striped blister beetle
		Nitidulidae	<i>Carpophilus hemipterus</i>	dried fruit beetle
			<i>Carpophilus mutilatus</i>	
			<i>Urophorus humeralis</i>	pineapple sap beetle
	Diptera	Agromyzidae	<i>Chromatomyia horticola</i>	garden-pea leaf miner
			<i>Liriomyza bryoniae</i>	potato leaf miner
			<i>Ophiomyia phaseoli</i>	bean fly, bean miner
		Anthomyiidae	<i>Delia coarctata</i>	wheat bulb fly
			<i>Delia flavibasis</i>	barley fly
		Cecidomyiidae	<i>Contarinia maculipennis</i>	
			<i>Contarinia tritici</i>	lemon wheat blossom midge
			<i>Mayetiola destructor</i>	hessian fly
			<i>Neolasioptera hibisci</i>	
			<i>Orseolia oryzae</i>	Asian rice gall midge, paddy gall fly
			<i>Orseolia oryzivora</i>	African rice gall midge
		Drosophilidae	<i>Drosophila suzukii</i>	
		Tephritidae	<i>Anastrepha ludens</i>	Mexican fruit fly
			<i>Anastrepha suspensa</i>	Caribbean fruit fly
			<i>Bactrocera</i> spp.	
			<i>Ceratitis rosa</i>	Natal fruit fly
			<i>Ceratitis cosyra</i>	mango fruit fly
			<i>Ceratitis punctata</i>	cacao fruit fly
			<i>Ceratitis quinaria</i>	five-spotted fruit fly

Hemiptera

	<i>Dacus</i> spp.	
	<i>Euphranta japonica</i>	Japanese cherry fruit fly
	<i>Myiopardalis pardalina</i>	melon fruit fly
	<i>Rhagoletis</i> spp.	
Syrphidae	<i>Eumerus strigatus</i>	lesser bulb fly
	<i>Merodon equestris</i>	narcissus bulb fly
Diaspididae	<i>Quadraspidiotus perniciosus</i>	San José scale
	<i>Lopholeucaspis japonica</i>	Japanese long scale
Aleyrodidae	<i>Neomaskellia bergii</i>	sugarcane whitefly
Alydidae	<i>Leptocorisa acuta</i>	Asian rice bug, paddy bug
	<i>Leptocorisa oratorius</i>	paddy bug
Aphididae	<i>Macrosiphum lillii</i>	purple-spotted lily aphid
	<i>Myzus cerasi</i>	black cherry aphid, cherry blackfly
Delphacidae	<i>Laodelphax striatellus</i>	smaller brown planthopper
	<i>Nilaparvata lugens</i>	brown planthopper
Cicadellidae	<i>Amrasca biguttula</i>	Indian cotton jassid
	<i>Cicadulina mbila</i>	maize leafhopper
	<i>Empoasca vitis</i>	green frog fly
	<i>Idioscopus clypealis</i>	mango hopper
	<i>Nephotettix nigropictus</i>	rice leafhopper
	<i>Nephotettix virescens</i>	green paddy leafhopper
Coreidae	<i>Amblypelta cocophaga</i>	coconut bug

		<i>Amblypelta lutescens</i>	banana spotting bug
	Lygaeidae	<i>Bryocoropsis laticollis</i>	
	Miridae	<i>Distantiella theobroma</i>	
		<i>Helopeltis spp.</i>	
		<i>Horcias nobilellus</i>	cotton bug
	Pentatomidae	<i>Antestiopsis intricata</i>	West African coffee bug
		<i>Antestiopsis thunbergii</i>	South African coffee bug
		<i>Bathycoelia thalassina</i>	African cocoa shield bug
	Pyrrhocoridae	<i>Dysdercus andreae</i>	cotton stainer
		<i>Dysdercus cingulatus</i>	red cotton bug
		<i>Dysdercus fasciatus</i>	cotton stainer
	Rhopalidae	<i>Liorhyssus hyalinus</i>	hyaline grass bug
	Sternorrhyncha	<i>Acyrtosiphon kondoi</i>	blue pea aphid
		<i>Acyrtosiphon pisum</i>	destructive pea louse, green pea louse
		<i>Aleurocanthus spiniferus</i>	citrus mealywing
		<i>Aleurodicus destructor</i>	coconut whitefly
		<i>Aonidiella aurantii</i>	California red scale
		<i>Apsylla cistellata</i>	mango shoot psyllid
		<i>Aulacaspis tegalensis</i>	sugarcane scale
		<i>Ceroplastes rusci</i>	fig wax scale
		<i>Comstockaspis perniciosa</i>	Californian scale

		<i>Cinara cronartii</i>	black pine aphid
		<i>Drosicha stebbingii</i>	giant mealybug
		<i>Dysaphis tulipae</i>	tulip aphid
		<i>Furcaspis oceanica</i>	coconut red scale
		<i>Icerya aegyptiaca</i>	Egyptian fluted scale
Hymenoptera	Torymidae	<i>Megastigmus spermotrophus</i>	douglas fir seed fly
Lepidoptera	Tortricidae	<i>Adoxophyes orana</i>	reticulated tortrix, small tea tortrix
		<i>Cacoecimorpha pronubana</i>	carnation leaf roller
		<i>Cydia</i> spp.	
		<i>Cydia nigricana</i>	pea moth
		<i>Cydia pomonella</i>	codling moth
		<i>Cydia splendana</i>	acorn moth
		<i>Epichoristodes acerbella</i>	carnation worm
		<i>Epiphyas postvittana</i>	apple leaf roller
		<i>Eupoecilia ambiguella</i>	European grape berry moth
		<i>Grapholita funebrana</i>	plum fruit moth
		<i>Grapholita prunivora</i>	plum moth, lesser apple worm
		<i>Homona coffearia</i>	coffee tortrix
		<i>Leguminivora ptychora</i>	
		<i>Lobesia botrana</i>	European grapevine moth, grape berry moth
	Carposinidae	<i>Carposina sasakii</i>	peach fruit borer
	Cossidae	<i>Dyspepsa ulula</i>	garlic borer, garlic moth
		<i>Eulophonotus myrmeleon</i>	cocoa stem borer
	Crambidae	<i>Chilo agamemnon</i>	oriental corn borer, small purple-lined

					borer
				<i>Chilo auricilius</i>	gold-fringed borer
				<i>Chilo infuscatellus</i>	early shoot borer
				<i>Chilo orichalcociliellus</i>	
				<i>Chilo partellus</i>	pink borer
				<i>Chilo polychrysus</i>	dark-headed rice borer
				<i>Chilo sacchariphagus</i>	cane moth borer
				<i>Chilo suppressalis</i>	pale-headed striped borer
				<i>Dichocrocis punctiferalis</i>	castor seed caterpillar
				<i>Desmia funeralis</i>	grape leaf folder
				<i>Leucinodes orbonalis</i>	brinjal fruit borer, eggplant fruit borer
				<i>Nacoleia octasema</i>	banana scab moth
				<i>Omphisa anastomosalis</i>	sweet potato stem borer
				<i>Syllepte derogata</i>	cotton leaf roller
			Drapanidae	<i>Epicampoptera andersoni</i>	tailed caterpillar
			Erebidae	<i>Anomis flava</i>	cotton looper
				<i>Euproctis chrysorrhoea</i>	brown-tail moth
				<i>Hypena scabra</i>	green clover worm
				<i>Hyphantria cunea</i>	American white moth
				<i>Lymantria dispar</i>	gypsy moth
				<i>Orgyia postica</i>	small tussock moth
			Geometridae	<i>Operophtera brumata</i>	common winter moth
			Gracillariidae	<i>Conopomorpha cramerella</i>	cacao moth
			Hepialidae	<i>Korscheltellus lupulina</i>	common swift moth, garden swift mode
			Hesperiidae	<i>Gangara thyrasis</i>	giant redeye

Lycaenidae	<i>Cacyreus marshalli</i>	pelargonium butterfly
	<i>Lampides boeticus</i>	long-tailed blue, lucerne blue butterfly
Lyonetiidae	<i>Leucoptera malifoliella</i>	pear leaf blister moth
Sphingidae	<i>Hippotion celerio</i>	grapevine hawk moth
	<i>Theretra oldenlandiae</i>	impatiens hawkmoth
	<i>Agrius convolvuli</i>	sweet potato hawk moth
Plutellidae	<i>Acrolepiopsis assectella</i>	leek moth
Pterophoridae	<i>Amblyptilia pica</i>	geranium plume moth
Pyrilidae	<i>Cryptoblabes gnidiella</i>	Christmas-berry webworm
	<i>Eldana saccharina</i>	eldana sugarcane borer
	<i>Ephestia elutella</i>	cacao moth
	<i>Euzopherodes vapidella</i>	citrus rootstock stub moth
	<i>Mussidia nigrivenella</i>	yam bean borer
	<i>Ostrinia nubilalis</i>	European corn borer
Noctuidae	<i>Agrotis segetum</i>	black cutworm
	<i>Busseola fusca</i>	maize stem borer
	<i>Chrysodeixis chalcites</i>	golden twin-spot moth
	<i>Diparopsis tephrogramma</i>	
	<i>Diparopsis watersi</i>	red bollworm
	<i>Helicoverpa armigera</i>	African cotton bollworm
	<i>Mamestra brassicae</i>	cabbage armyworm
	<i>Negeta chlorocrota</i>	
Nolidae	<i>Characoma stictigrapta</i>	cacao pod borer, pod husk borer
	<i>Earias spp.</i>	
Tineidae	<i>Opogona sacchari</i>	banana moth

Fungal disease	Arachnids (mites and spiders)		Xyloryctidae	<i>Opisina arenosella</i>	black-headed caterpillar
			Zygaenidae	<i>Artona catoxantha</i>	coconut leaf moth
		Thysanoptera	Thripidae	<i>Chaetanaphothrips orchidii</i>	
				<i>Chaetanaphothrips signipennis</i>	banana rust thrips
				<i>Hercinothrips bicinctus</i>	banana silvering thrips
				<i>Hercinothrips femoralis</i>	banded glasshouse thrips
				<i>Limothrips cerealium</i>	black wheat thrips, corn thrips
			Aeolothripidae	<i>Diarthrothrips coffeae</i>	coffee thrips
		Acarida	Eriophyidae	<i>Aceria sheldoni</i>	citrus bud mite
				<i>Colomerus vitis</i>	grape blister mite
			Phytoptidae	<i>Phytoptus avellanae</i>	Filbert bud mite, hazelnut gall mite
			Tarsonemidae	<i>Steneotarsonemus laticeps</i>	bulb scale mite
			Tenuipalpidae	<i>Brevipalpus californicus</i>	bunch mite, flat mite
				<i>Brevipalpus chilensis</i>	
				<i>Brevipalpus lewisi</i>	citrus flat mite
			Tetranychidae	<i>Eutetranychus orientalis</i>	citrus brown mite
				<i>Tetranychus pacificus</i>	Pacific mite
	Capnodiales		Mycosphaerella	<i>Ramularia beticola</i>	leaf spot of beet
	Erysiphales		Erysiphaceae	<i>Leveillula taurica</i>	powdery mildew of aubergine
	Hypocreales		Nectriaceae	<i>Fusarium oxysporum</i> f.sp. <i>cubense</i> Tropical race 4	Panama disease tropical race 4
	Peronosporales	Peronosporaceae		<i>Phytophthora richardiae</i>	root rot
				<i>Peronospora farinosa</i> f. sp. <i>betae</i>	downy mildew of beet
	Pleosporales	Pleosporaceae		<i>Alternaria radicina</i>	black rot of carrot
				<i>Alternaria carotiincultae</i>	

	Pythiales	Pythiaceae	<i>Pythium myriotylum</i>	brown root rot of groundnut
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Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 23 August 2016

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Bacterial disease	Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas syringae</i> pv. <i>aptata</i>	foliar blight of sugarbeet
			<i>Pseudomonas syringae</i> subsp. <i>syringae</i>	
			<i>Pseudomonas marginalis</i>	
PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral disease	Picornavirales	Secoviridae	Nepovirus	<i>Arabid mosaic virus</i>
	Unassigned	Potyviridae	Potyvirus	Dasheen mosaic virus
Weeds	Asparagales	Amaryllidaceae	Allium	<i>Allium vineale</i>
	Asterales	Asteraceae	Acroptilon	<i>Acroptilon repens</i>
			Arctotheca	<i>Arctotheca calendula</i>
			Bidens	<i>Bidens aurea</i>
			Carduus	<i>Carduus pycnocephalus</i>
				<i>Carduus tenuiflorus</i>
				<i>Carthamus oxyacantha</i>
			Centaurea	<i>Centaurea iberica</i>
				<i>Centaurea virgata</i>
			Chondrilla	<i>Chondrilla juncea</i>
			Cirsium	<i>Cirsium arvense</i>
			Helianthus	<i>Helianthus ciliaris</i>
			Jacobaea	<i>Jacobaea vulgaris</i>
			Lactuca	<i>Lactuca tatarica</i>
			Mikania	<i>Mikania cordata</i>
			Pilosella	<i>Pilosella officinarum</i>
			Senecio	<i>Senecio grisebachii</i>

		Sonchus	<i>Sonchus arvensis</i>
Alismatales	Alismataceae	Sagittaria	<i>Sagittaria sagittifolia</i>
Apiales	Apiaceae	Heracleum	<i>Heracleum mantegazzianum</i>
Brassicales	Brassicaceae	Cardaria	<i>Cardaria draba subsp. chalepensis</i>
		Diplotaxis	<i>Diplotaxis tenuifolia</i>
		Hirschfeldia	<i>Hirschfeldia incana</i>
		Lepidium	<i>Lepidium draba</i>
		Myagrum	<i>Myagrum perfoliatum</i>
		Sisymbrium	<i>Sisymbrium orientale</i>
Boraginales	Boraginaceae	Echium	<i>Echium plantagineum</i>
Caryophyllales	Amaranthaceae	Amaranthoideae	<i>Amaranthus blitoides</i>
		Salsola	<i>Salsola kali</i>
	Cactaceae	Opuntia	<i>Opuntia aurantiaca</i>
	Caryophyllaceae	Drymaria	<i>Drymaria arenarioides</i>
		Silene	<i>Silene dichotoma</i>
			<i>Silene latifolia</i>
	Polygonaceae	Emex	<i>Emex australis</i>
			<i>Emex spinosa</i>
		Persicaria	<i>Persicaria lapathifolia</i>
Commelinales	Pontederiaceae	Pontederia	<i>Pontederia hastata</i>
Fabales	Fabaceae	Alhagi	<i>Alhagi maurorum</i>
		Caesalpinioideae	<i>Prosopis campestris</i>
		Galega	<i>Galega officinalis</i>
		Pueraria	<i>Pueraria montana var. lobata</i>
Gentianales	Apocynaceae	Apocynum	<i>Apocynum cannabinum</i>

Lamiales	Plantaginaceae	Limnophila	<i>Limnophila sessiliflora</i>
		Linaria	<i>Linaria genistifolia subsp. dalmatica</i>
			<i>Linaria vulgaris</i>
	Lamiaceae	Salvia	<i>Salvia aethiopis</i>
		Stachys	<i>Stachys palustris</i>
	Orobanchaceae	Orobanche	
Malvales	Malvaceae	Abutilon	<i>Abutilon theophrasti</i>
		Hibiscus	<i>Hibiscus trionum</i>
Malpighiales	Euphorbiaceae	Euphorbioideae	<i>Euphorbia</i>
Poales	Poaceae	Alopecurus	<i>Alopecurus myosuroides</i>
		Bromus	<i>Bromus diandrus</i>
			<i>Bromus madritensis</i>
			<i>Bromus rubens</i>
			<i>Bromus sterilis</i>
		Digitaria	<i>Digitaria abyssinica</i>
			<i>Digitaria velutina</i>
		Hordeum	<i>Hordeum murinum</i>
		Leptochloa	<i>Leptochloa chinensis</i>
		Nassella	<i>Nassella trichotoma</i>
		Oryza	<i>Oryza longistaminata</i>
			<i>Oryza punctata</i>
		Pennisetum	<i>Pennisetum macrourum</i>
			<i>Pennisetum pedicellatum</i>
		Phalaris	<i>Phalaris paradoxa</i>
		Urochloa	<i>Urochloa panicoides</i>

		Typhaceae	Sparganium	<i>Sparganium erectum</i>
	Rosales	Rosaceae	Rubus	<i>Rubus moluccanus</i>
	Salviniales	Salviniaceae	Azolla	<i>Azolla pinnata</i>
	Solanales	Solanaceae	Lycium	<i>Lycium ferocissimum</i>
			Physalis	<i>Physalis longifolia</i>
			Solanum	<i>Solanum carolinense</i>
				<i>Solanum elaeagnifolium</i>
				<i>Solanum rostratum</i>

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