

# MINISTRY FOR PRIMARY INDUSTRIES

## IMPORTING COUNTRIES PHYTOSANITARY REQUIREMENTS

### NEW CALEDONIA

**Status:**            **Approved**

**Date:**             16 June 2002

## 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:
42	16 November 2023	Added <i>Actinidia arguta</i> and <i>Actinidia chinensis</i> under section 4.1.1 Fresh Fruit and Vegetables.	AS
41	12 October 2023	<p>Amended scientific name (typo) for <i>Arachis hypogaea</i> under section 2.2 Import Permits.</p> <p>Added scientific names <i>Allium</i> spp., <i>Glycine max</i>, <i>Helianthus</i> spp., <i>Medicago</i> spp., <i>Sorghum</i> spp., and <i>Zea mays</i> for species of Sprouts under section 4.1.1 Fresh Fruits and Vegetables.</p> <p>Amended scientific name (typo) for <i>Helianthus tuberosus</i> and <i>Oxalis tuberosa</i> under section 4.1.1 Fresh Fruit and Vegetables.</p> <p>Added scientific name <i>Pinales</i> under section 4.2.1 Fresh Cut Flowers and Foliage.</p> <p>Separated entries for <i>Musaceae</i> into <i>Ensete</i> spp., <i>Heliconia</i> spp. and <i>Strelitzia</i> spp. under section 4.4.1 Seeds for Sowing.</p> <p>Added scientific names <i>Fabaceae</i> and <i>Poaceae</i> under section 4.4.1 Seeds for Sowing.</p> <p>Removed entries for conifers, fruit-</p>	AS

Amendment No.	Date:	Nature of amendment:	Approved by:
		<p>bearing species and non-fruit bearing species that are covered by 3.4.1 class requirements, under section 4.4.1 Seeds for Sowing.</p> <p>Added scientific names <i>Allium sativum</i>, <i>Capsicum annuum</i> and <i>Zingiber officinale</i> under section 4.7 Miscellaneous.</p> <p>Several minor amendments to Appendix 1 and Appendix 2.</p>	
40	12 September 2023	<p>Amended treatments (minor typo) under section 3.4.1 Seeds for Sowing (Flowers and Vegetables).</p> <p>Amended additional declaration for <i>Litchi chinensis</i> (minor typo) under 4.1.1 Fresh Fruits and Vegetables.</p> <p>Amended scientific name for <i>Musaceae</i> and <i>Myrtaceae</i> and added scientific name for <i>Orchidaceae</i> under section 4.2.1 Fresh Cut Flowers and Foliage.</p> <p>Amended conditions for <i>Orchidaceae</i> and <i>Rosa</i> spp. under section 4.3.2 Whole Plants.</p> <p>Added scientific name <i>Dianthus</i> spp. under section 4.4.1 Seeds for Sowing.</p> <p>Several minor amendments to Appendix 1 and Appendix 2.</p>	AS
39	27 January 2023	<p>Updated section 2.2 Import Permits.</p> <p>Added section 3.4.3 Seeds, Grains and Nuts for Processing.</p> <p>Added section 4.4.4 Seeds, Grains and Nuts for Processing.</p>	GF
38	23 May 2022	<p>Updated conditions and additional declarations for <i>Solanum lycopersicum</i> (tomato) seed for sowing under section 2.7 Re-exported Products.</p> <p>Updated conditions and additional declarations for <i>Solanum lycopersicum</i> (tomato) under section 4.4.1 Seeds for Sowing.</p>	MLM
37	23 December 2021	<p>Added commodity requirements for <i>Solanum lycopersicum</i> (tomato) seed for sowing under section 2.7 Re-exported Products.</p> <p>Removed note to contact an IVA for more information on fresh tomato in section</p>	MLM

Amendment No.	Date:	Nature of amendment:	Approved by:
		3.4.1 Seeds for Sowing. Added commodity requirements for <i>Solanum lycopersicum</i> (tomato) under section 4.4.1 Seeds for Sowing.	
36	1 November 2021	Removed note to contact an IVA for more information on fresh tomato in section 4.1.1 Fresh Fruit and Vegetables.	MLM
35	13 July 2021	Added a new treatment in section 4.4.1 Seed for sowing for <i>Allium</i> spp. Table 2.	SR
34	14 June 2021	Added note regarding export of fresh tomatoes, nursery stock and seeds in Sections 3.3 Nursery Stock, 3.4.1 Seed for Sowing and 4.1.1 Fresh Fruit and Vegetables.	MLM
33	22 December 2020	Added entry for chilli, garlic, and ginger (crushed/processed) in section 4.7 Miscellaneous.	MLM
32	16 November 2020	Removed section 3.1.4 Processed Fruit and Vegetables and moved commodity requirements into section 4.7 Miscellaneous. Created new section 3.6 Animal Feed and 4.6 Animal Feed. Added note for <i>Allium</i> spp. under section 4.4.1 Seeds for sowing and Table 2. Non-exhaustive list of approved active ingredients on <i>Allium</i> spp. seeds	MLM
31	12 November 2018	Amended additional declarations for re-export certificates in section 2.7.1, general fruit and vegetable requirements in section 3.1.1 and commodity specific requirements in section 4.1.1. Updated additional declaration information for Annonaceae and <i>Annona cherimola</i> in section 4.1.1. Added clarification as a note in sections 2.7.1, 3.1.1 and 4.1.1 about treatments that are accepted as effective for fruit fly and <i>Drosophila suzukii</i> .	SH
30	13 September 2018	Amended additional declaration for re-export products in section 2.7.1, commodity class requirements in section 3.1.1 and commodity specific requirements for fresh fruits in section 4.1.1	SH

Amendment No.	Date:	Nature of amendment:	Approved by:
29	9 August 2018	Amended additional declarations for <i>Annonaceae</i> , <i>Annona cherimola</i> , <i>Citrus</i> spp. <i>Litchi chinensis</i> , <i>Mangifera indica</i> and <i>Passiflora edulis</i> in section 4.1.1.	SH
28	4 December 2017	Updated the import requirements under Commodity class and specific requirements for Fruits and vegetables; Cut flowers, Nursery stock and Seeds, Grain and Nuts, Growing media and Miscellaneous sections	GF
27	6 October 2016	<p>Updated Section 2.7.1, Re-export of all fresh fruit to note that (1) The state of California is recognized by MPI as being free of <i>Ceratitidis capitata</i>, <i>Bactrocera cucurbitae</i> and <i>Bactrocera dorsalis</i> but <b>not</b> <i>Drosophila suzukii</i>.</p> <p>Updated Section 2.4 Quarantine Pests</p> <p>Reformatted the presentation of quarantine pests list by providing the pest type, order, family and common names, Appendix 3.</p> <p>Reformatted the presentation of the amendment record starting with the most recent record of amendments.</p> <p>Added the phrase “refer to section 1.1” and the statement “If a commodity or commodity group is not identified within this ICPR, refer to section 1.2.”, section 2.2, Scope and section 4, Commodity specific requirements.</p>	GF
26	9 September 2016	<p>Reformat the presentation of the requirement for re-export of all fresh fruits, section 2.7.1</p> <p>Updated the requirements of some fresh fruits with missing <i>Drosophila suzukii</i> pest as part of the additional requirements and removed the phrase “NZ origin and re-export” on some commodities for consistency purposes, section 4.1.1</p> <p>Removed the Maximum Pest List, section 2.5. MPLs are covered in the MPI Phytosanitary Inspection Standard.</p>	GF
25	23 June 2016	<p>Added commodity requirements for <i>Salix</i> spp., Fresh cut flowers and foliage, section 4.2.1</p> <p>Added the word ‘fruits’ to Section 2.2.3</p> <p>Added new section for entitled Fees and Charges, Section 1.4 and table title no. 1</p>	GF

Amendment No.	Date:	Nature of amendment:	Approved by:
		<p>for Ports of Entry, Section 2.7</p> <p>Updated the disclaimer and general information.</p> <p>Updated the link to forestry ICPR for New Caledonia, section 2.9.</p> <p>Reformatted the presentation of the amendment record starting with the most recent record of amendments</p>	
24	2 March 2015	Changed requirements to the additional declarations in sections 4.1.1 for loquat and currants.	JN
23	26 February 2015	Changed requirements to the additional declarations in sections 2.8.1, 3.1.1 and 4.1.1 for Fresh fruit and vegetables.	JN
22.	22 August 2014	<p>Updated whole ICPR to reflect the changes in the New Caledonia import regulations.</p> <p>Extensive changes to the quarantine pest list including the addition and removal of quarantine pests.</p> <p>Clarified requirements for the re-export of product from the USA to New Caledonia.</p> <p>New section for wood packaging, section 2.9.</p> <p>Removed fungicide treatment for Orchid cut flowers and foliage.</p> <p>Amended the Additional declaration for various Fresh Fruit and vegetables.</p> <p>Corrected common name for <i>Drosophila suzukii</i> and <i>Diaphorina citri</i>.</p>	VK
21.	24 February 2014	Clarification of re-export requirements, sections 2.8.1 and 4.1.1 (citrus).	SM
20.	31 January 2014	Removal of re-export requirements for citrus of USA origin as re-export requirements for citrus is the same for all origins.	SM
19.	14 January 2014	<p>Additional requirements for the re-export of all fresh fruit, section 2.8.1 and 4.1.1.</p> <p>Additional requirement for the export of passion fruit, section 4.1.</p> <p>Additional sentence added to section 1.2 to clarify scope.</p>	SM

Amendment No.	Date:	Nature of amendment:	Approved by:
		Changed heading of section 2.5 to 'MPI specified Maximum Pest Limits (MPL)'.	
18.	24 July 2013	Addition of treatment for corn seeds, section 4.4.2, corrected the note under 'Solanum tuberosum (for consumption)' and included requirements for re-exported citrus from the USA.	SM
17.	11 April 2013	Addition of Additional declarations for <i>Acca sellowiana</i> (feijoa) fruit. Section 4.1.1.  Update to reflect MPI name change throughout the document.	LZ
16.	23 September 2010	Clarification of additional declaration for <i>Malus</i> spp. fruit. MAFBNZ. Section 4.1.1	GI
15.	4 June 2010	Import conditions for whole grains for animal feed; crushed, processed and heat treated (extruded animal feed). New Caledonia DAVAR correspondence June 2010.	GI
14.	20 May 2010	Import conditions for dried grains and maize grits (semolina). New Caledonia DAVAR correspondence 2006.  Addition of <i>Trogoderma granarium</i> to quarantine pest list.	GI
13.	29 February 2008	- Temporary amendment of conditions for sweet corn ( <i>Zea mays</i> ) in S.4.1.1 Fresh fruit and vegetables.  - Addition of sections 3.1.4 and 4.1.4 (Processed fruits and vegetables)  - Conditions for processed (pre-cooked) sweet corn added.	IV
12.	10 December 2007	Addition of new regulation at 1.3  Amendment of contact details 2.2.4  Amendment of conditions for <i>Arachis hypogea</i> .	BM
11.	29 March 2007	Amendment of MAF contact details Section 2.2.5	SW
10.	26 March 2007	Amendment of MAF contact details Section 1.	SW

Amendment No.	Date:	Nature of amendment:	Approved by:
9.	6 March 2007	Requirements for peanut and walnut update requirements Sec 3.4.5 and Sec 4.4.3	SW
8.	1 February 2005	Removal of reference within Section 2.5 to categorised pest list. Amendment of MAF contact details Section 1.1 and 1.2. General reformatting of document.	WJH
7.	29 July 2003	Amendment of conditions for <i>Allium</i> spp. (removal of onion as common name) refer Section 4.1.1. Correction of MAF contact email address, Section 1.1	WJH
6.	14 February 2003	Renaming and reformatting of standard. Amendment to Section 2.5 re MPLs.	WJH
5.	16 June 2002	Review and Reissue of EPS	WJH
4.	29 April 1999	Modification to Maize – Seed (grain) and Nuts for Consumption Section 4.5.3	SCO
3.	1 April 1999	Addition of AD requirements for <i>Helianthus</i> spp. (Sections 4.2.1 and 4.2.2)	SCO
2.	9 March 1999	Modification to Fresh Cut Flowers and Foliage (Sections 3.2.1 and 4.2.1)	SCO
1.	22 February 1999	Addition of master pest list (2.3), pest lists for fresh kiwifruit and apple fruit (4.1) and minor format changes. 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](mailto:plantexports@mpi.govt.nz)

Please state the nature of your enquiry in the subject line e.g. New Caledonia 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 ICPR specifies New Caledonia's phytosanitary requirements. If a commodity or commodity group is not identified within this ICPR exporters should contact:

- New Caledonia directly to ascertain requirements  
or
- Ministry for Primary Industries (MPI)-Plant Exports. Refer to section 1.1.

### 1.3 Phytosanitary Legislation

The following legislation controls the importation of plants and plant materials into New Caledonia:

- Ruling No. 334 of 11 August 1992
- Ruling No. 112/CP of 18 October 1996
- Ruling No 238 of 15 December 2006

### 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

ref Annex II

### 2.1 Prohibitions

Refer to Appendix 1 for a list of plants and plant products for propagation that are prohibited entry from New Zealand.

### 2.2 Import Permits

2.2.1 Import permits state the phytosanitary requirements for importation

2.2.2 Import permits are required for the following commodities (also refer to Appendix 2):

- Some genera of fresh fruit and vegetables
- Nursery stock
- Seeds for sowing, consumption and processing (unless specified in Section 4.4.4)
- Growing media and packing materials
- Miscellaneous items

2.2.3 Import permits are not required for:

- Fresh fruits and vegetables (refer to Section 4.1.1)
- Dried fruit and vegetables
- Frozen fruit and vegetables
- Dried grain and vegetables (other *than Zea mays, Sorghum vulgare, Helianthus annuus, Arachis hypogaea and Glycine max*)
- Fresh cut flowers and foliage which are not subjected to special conditions or prohibition
- Flowers and foliage of grasses
- Cereals (*Avena, Hordeum, Secale and Triticum*) for consumption or processing.
- Dried cut flowers and foliage

2.2.4 Import permits may be requested from the New Caledonia Agriculture Service:

Direction des Affaires Veterinaires Alimentaires et Rurales,  
Service d'Inspection Veterinaire Alimentaire et Phytosanitaire  
BP 256 - 98845, Noumea  
New Caledonia

Telephone: 00 687 24 37 45

Facsimile: 00 687 25 11 12

Email: [sivap@gouv.nc](mailto:sivap@gouv.nc)

2.2.5 Please note conditions of import or additional declarations identified upon import permits received from New Caledonia may differ from those identified within this document. Conditions of import identified herein are accurate at the time of this documents publication. Where import conditions identified upon an import permit differ from that identified within this document, the permit conditions take precedence.

Where conditions of export identified upon an import permit differ from that stated

within this ICPR, please contact Plant Exports, refer to Section 1.1

## 2.3 Phytosanitary Certificates

2.3.1 Phytosanitary certificates are required to accompany consignments of:

- Fresh fruit and vegetables
- Fresh cut flowers and foliage
- Nursery stock
- Seed for sowing, consumption and processing
- Miscellaneous items

2.3.2 Phytosanitary certificates are not required to accompany consignments of:

- Dried fruit and vegetables
  - Frozen fruit and vegetables
  - Dried cut flowers and foliage
- Dried grains and vegetables (except for *Zea mays*, *Helianthus annuus*, *Arachis hypogea*), in hermetically sealed commercial packets of less than 1kg.

2.3.3 The phytosanitary certificate that accompanies the consignment, must be either the original or a certified copy.

2.3.4 Phytosanitary certificates must be issued no more than 14 days prior to shipment, or for live plants, no more than three days prior to loading for New Caledonia.

## 2.4 Quarantine Pests

For a list of quarantine pests see Appendix 3. The scientific name and classification used was checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>). Please note that scientific names remain as the definitive names. In addition, MPI will also include synonyms specified by the importing country for use on additional declarations.

Quarantine pests for New Caledonia include organisms specified in Appendix 3 of this ICPR, additional declarations and/or import permit.

## 2.5 Inspection on Arrival

All consignments will be subject to inspection upon arrival

## 2.6 Ports of Entry

Table 1. Ports of Entry in New Caledonia

TYPE OF PORTS	PROVINCE/CITY
Airport	Magenta
	Tonntouta
Port	Noumea
Post Centre	Noumea

## 2.7 Re-exported Products

Consignments of plants and plant products not of New Zealand origin which are re-exported to New Caledonia must be accompanied by:

- the original phytosanitary certificate (or a certified copy) issued by the country of origin

And

- a phytosanitary certificate for re-export issued by the Ministry for Primary Industries no more than 14 days prior to export, or for live plants, no more than three days prior to export.

**Note:** For the re-export of tomato seed to New Caledonia, the below conditions must be met.

*Solanum lycopersicum*

Tomato

Seed for sowing

Conditions:

Import permit required. Phytosanitary certificate with additional declaration required. The seeds must be free from soil, other plant and animal material and seeds other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified. For non-commercial seed insecticide and fungicide treatment required. Fungicide treatment required for seed presented in commercial packaging and whose weight of bare seed is greater than 100 grams.

**Note:** Consignments of tomato seed not of New Zealand origin which are re-exported to New Caledonia must be accompanied by:

- the original phytosanitary certificate (or a certified copy) issued by the country of origin
- the re-export phytosanitary certificate must reference the country of origin and the conditions in which the seed entered New Zealand

Additional Declaration:

"The country of origin is free from Tomato Brown Rugose Fruit Virus"

Or

"The area of production is free from Tomato Brown Rugose Fruit Virus "

Or

"The seeds have been tested and shown to be free from Tomato Brown Rugose Fruit Virus"

**Note:** Test results to be supplied.

AND

"The country of origin is free from Pepino Mosaic Virus"

Or

"The area of production is free from Pepino Mosaic Virus"

Or

"The seeds have been tested and shown to be free from Pepino Mosaic Virus"

**Note:** Test results to be supplied.

### 2.7.1 Re-export of all fresh fruit

#### **Conditions:**

Import permit not required. Phytosanitary certificate required. Additional declaration and/or treatment required.

Treatment effective against fruit fly can be heat, cold or fumigation.

Treatment known to be effective against *Drosophila Suzukii* can include cold treatment.

The following additional declarations must be stated on the phytosanitary certificate for re-export issued by MPI.

#### **Additional Declarations:**

“Area of origin is free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha spp.* and other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae.

#### **AND**

For fruits of genus of *Rubus sp.*, *Prunus sp.*, *Fragaria sp.*, *Vaccinium sp.*, *Ribes sp.*, *Vitis sp.*, *Morus sp.*, *Actinidia sp.*, *Myrica sp.*, *Elaeagnus sp.*, *Cornus sp.*, *Phytolacca sp.*:

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

**NOTE:** Examples of treatments approved by New Caledonia are:

For fruit fly: Cold treatment at 1°C for 16 days.

And

For *Drosophila suzukii*: Fumigation at a concentration of 6% carbon dioxide and 1% sulphur dioxide for 30 minutes at 17.1°C, 18.4°C or 20.5°C.

New Zealand is free from *Drosophila suzukii*, fruit flies of dorsalis complex and other fruit flies of economic importance. The above additional declarations may only be stated on the re-export certificate if a government to government assurance is provided to MPI from the country of origin that the above conditions have been met.

Also, the state of California is recognised by MPI as being a free of *Ceratitis capitata*, *Bactrocera cucurbitae* and *Bactrocera dorsalis* but not *Drosophila suzukii*.

Please also refer to section 4.1 for commodity specific requirements.

### 2.8 Wood packaging

Refer to Forestry ICPR for New Caledonia, link below:

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

### 3. Commodity Class Requirements

#### 3.1 Fruit and Vegetables

##### 3.1.1 Fresh Fruit and Vegetables

Conditions:

Import permit required for some genera only. Phytosanitary certificate required for all. Additional declaration required and or treatment required. Treatment is to be endorsed upon the phytosanitary certificate where applicable. Refer Section 4.1.1 for commodity specific requirements.

Additional declaration:

“Area of origin is free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha spp.* and other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae.

**AND**

For fruits of genus of *Rubus sp.*, *Prunus sp.*, *Fragaria sp.*, *Vaccinium sp.*, *Ribes sp.*, *Vitis sp.*, *Morus sp.*, *Actinidia sp.*, *Myrica sp.*, *Elaeagnus sp.*, *Cornus sp.*, *Phytolacca sp.*:

Area of origin free from *Drosophila suzukii*

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

**Note:**

Examples of treatments approved by New Caledonia are:

For fruit fly: Cold treatment at 1°C for 16 days.

And

For *Drosophila suzukii*: Fumigation at a concentration of 6% carbon dioxide and 1% sulphur dioxide for 30 minutes at 17.1°C, 18.4°C or 20.5°C.

New Zealand is free from *Drosophila suzukii*, fruit flies of dorsalis complex and other fruit flies of economic importance.

##### 3.1.2 Dried Fruit and Vegetables

Conditions:

Import permit not required. Phytosanitary certificate not required. Inspection upon arrival.

##### 3.1.3 Frozen Fruit and Vegetables

Conditions:

Import permit not required. Phytosanitary certificate not required.

#### 3.2 Cut Flowers

##### 3.2.1 Fresh Cut Flowers and Foliage

Conditions:

Import permit not required. Phytosanitary certificate required. Treatment required. No additional declarations are required unless specified within Section 4.2.1. Product will be treated upon arrival if pests are identified. Fruits and seeds are not



allowed.

Treatment:

Insecticide treatment required (fumigation, spraying or dipping).

**Note:** If foliage is present, fungicide treatment is also required in addition to the insecticide treatment.

### 3.2.2 Dried Cut Flowers and Foliage

Conditions:

Import permit not required. Phytosanitary certificate not required. Inspection upon arrival. Product will be treated upon arrival if pests are identified. The manufacturing process must guarantee the sterilisation of flowers and leaves and the devitalisation of seeds.

**Note:** Grasses in sprays or tufts and *Cirsium* are **prohibited**

### 3.3 Nursery Stock

*Plants and parts of plants for propagation (other than seeds)*

**Note:** Anyone wishing to export tomato nursery stock, please contact an IVA for more information <https://www.mpi.govt.nz/resources-and-forms/registers-and-lists/authorised-ivas/>.

#### 3.3.1 Whole Plants (Fruit)

Refer to section 4.3.1

#### 3.3.2 Whole Plants (Ornamental)

Refer to Appendix 2 Allowed plants for planting and reproduction and section 4.3.1 for commodity specific requirements.

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. Material must be free of soil, flowers and fruit. The plants must be clearly identified using an individual label bearing the scientific name (genus and species). Plant shipment must be covered by a supplier's declaration stating that the plants are non-genetically modified organisms.

Also, during treatment procedure bare roots must be thoroughly cleaned.

Or

Packed in authorised transport support media (0.5 to 0.6 L maximum), new and non-adhesive to root system.

**Note:** Authorised transport support media includes charcoal, wooden basket cork beads, sawdust, rockwool, perlite, vermiculite, pure peat, clay beads (expanded or fired), ground coconut shell, pumice, recycled paper, sphagnum moss, coconut fibre. These products must not contain seeds, soil, undecomposed foreign plant or animal material.

Or

Young plant is placed in a square cup (9cm x 9cm max., corresponding to 0.6L of medium) or in a round pot of 10.5cm max. (corresponding to 0.5L of medium). An insecticide and a nematicide treatment must be applied on the culture media (soil is not allowed). The following active ingredients are authorized as nematicide according to the label directions: fenamiphos, oxamyl, dazomet or metam.

Or

Young plant is placed in a square cup (9cm x 9cm max., corresponding to 0.6L of medium) or in a round pot of 10.5cm max. (corresponding to 0.5L of medium)



whose growing medium is certified free of soil and treated with an insecticide. The plant is grown in a greenhouse on raised shelves to avoid any contact with the ground. Analyses of samples of growing medium and roots made at least twice a year confirmed the absence of plant pathogen nematode (Results of the analyses must be referenced on the phytosanitary certificate and must not be older than 6 months).

Additional Declaration:

“Plants coming from an area free from *Xylella fastidiosa* and no symptoms of the presence of this organism were observed during the production period.”

Or

“Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped” (Test results must be provided).

And

“The consignment does not contain any species identified by the European Food Safety Authority (EFSA) report as host to *Xylella fastidiosa*.”

**Note:** New Zealand is free from *Xylella fastidiosa*. Refer to EPPO Global Database *Xylella fastidiosa* host plants, link here: (<https://gd.eppo.int/taxon/XYLEFA/hosts>).

Treatment:

Insecticide and fungicide treatment by dipping or spraying.

### 3.3.3 Bulbs, tubers and rhizomes (for propagation)-except *Allium* spp.

Conditions:

Import permit required. Phytosanitary certificate required. Bulbs must be in a dormant state. Must be free of soil, roots, stems and leaves. For bulbs, tubers and rhizomes not identified within Section 2.1, the following additional declaration or treatment is required. Treatment is to be endorsed upon the phytosanitary certificate where applicable. Plant shipment to be covered by a supplier's declaration stating that the plants are non-genetically modified organism.

Additional declaration:

Bulbs are free from nematode of genus *Ditylenchus* spp., *Pratylenchus* spp., and *Xiphinema* spp.”

Or

“Have undergone a nematicide treatment by hot water dipping a 45 °C for 4 hours or equivalent.”

Or

“Have undergone a nematicide treatment by dipping with a solution of fenamiphos at 1g/L for 1 hour or equivalent.”

And

Plants coming from an area free from *Xylella fastidiosa* and no symptoms of the presence of this organism were observed during the production period.”

Or

“Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped” (Test results must be provided).

And

“The consignment does not contain any species identified by the European Food Safety Authority (EFSA) report as host to *Xylella fastidiosa*.”

**Note:** New Zealand is free from *Xylella fastidiosa*. Refer to EPPO Global Database *Xylella fastidiosa* host plants, link here: (<https://gd.eppo.int/taxon/XYLEFA/hosts>).

Treatment:

Insecticide and fungicide treatment required.

### **3.3.4 Tissue Culture**

Conditions:

Import permit required. Phytosanitary certificate with additional declaration required. For plant genera other than those that are subject to special declarations or are prohibited, the plantlets are to be cultured on sterile media without antibiotics.

Additional Declaration:

“Plants free from pathogenic organisms”

### **3.3.5 Bonsai Plants**

Conditions: (Plant species other than those, which are prohibited or subject to other additional declarations)

Import permit required. Phytosanitary certificate required. Treatment required. Treatment is to be endorsed upon the phytosanitary certificate

Treatment:

Bare rooted and potted plants require insecticide, fungicide and nematicide (aldicarb, ethoprophos, oxamyl etc) treatment by immersion.

### **3.3.6 Aquatic Plants**

Refer to Appendix 2 Allowed plants for planting and reproduction.

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required.

Plants which are bare rooted must be thoroughly cleaned and free from soil.

The plant, or batch of plants, must be clearly identified using a label bearing the scientific name (genus and species). Plant shipment must be covered by a supplier's declaration stating that the plants are non-genetically modified organisms.

Treatment:

An insecticide, molluscicide and fungicide treatment must be applied prior to shipping:

- Immersion in a dimethoate bath (or equivalent)
- Soaking for 24 hours in a solution of copper sulphate. This treatment must be repeated 8 to 10 days later.

## **3.4 Seeds, Grains and Nuts**

### **3.4.1 Seeds for Sowing (Flowers and Vegetables)**

Refer to Appendix 2 Allowed plants for planting and reproduction and section 4.4.1 for commodity specific requirements.

Conditions:

Import permit required. Phytosanitary certificate and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). Plant shipment must be covered by a supplier's declaration stating that the plants are non-genetically modified organisms.

Treatment:

Insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100g per unit.

Refer Sections 4.4.1 and 4.4.2 for commodity specific requirements.

### **3.4.2 Seeds, Grains and Nuts for Consumption**

Conditions:

Import permit may be required. Phytosanitary certificate required. Refer Section 4.4.3 for commodity specific requirements.

### **3.4.3 Seeds, Grains and Nuts for Processing**

Conditions:

Import permit may be required. Phytosanitary certificate required. Refer to Section 4.4.4 for commodity specific requirements.

## **3.5 Growing Media and Packing Material**

### **3.5.1 Growing Media**

Conditions:

Import permit required. Phytosanitary certificate required Refer Section 4.5 for commodity specific requirements

#### **Permitted media types for growing support of unpotted (bare-rooted) plants**

- charcoal
- cork plates
- sawdust
- tree fern (plates/slabs)
- wood crates / baskets

#### **Permitted media types for potted seedlings**

- pure peat / peat moss
- rockwool
- fibreglass
- perlite
- vermiculite

#### **Prohibited media**

- hay, humus, manure, and soil

### **3.5.2 Packing Material**

Conditions:

Import permit required. Phytosanitary certificate required. Packages must be free of litter, earth and leaves, or other prohibited organic matter.

#### **Permitted media for packing of unpotted plants**

- charcoal
- cork plates
- sawdust
- tree fern (plates / slabs)

- wood crates / baskets

### 3.6 Animal Feed

Import permit required unless otherwise specified in Section 4.6. Phytosanitary certificate required. Treatment may be required and will be specified within the import permit. Refer to Section 4.6 Commodity Class Requirements.

### 3.7 Miscellaneous

#### Miscellaneous plant products

##### Conditions:

Import permit required unless otherwise specified in Section 4.7. Phytosanitary certificate required. Treatment may be required and will be specified within the import permit.

## 4. Commodity Specific Requirements

If a commodity or commodity group is not identified within this ICPR, refer to section 1.2.

### 4.1 Fruit and Vegetables

#### 4.1.1 Fresh Fruit and Vegetables

Refer to Section 3.1.1 Commodity Class Requirements.

**Note:** New Zealand is free from *Drosophila suzukii*, *Bactrocera cucurbitae*, fruit flies of dorsalis complex and other fruit flies of economic importance.

Examples of treatments approved by New Caledonia are:

For fruit fly: Cold treatment at 1°C for 16 days.

And

For *Drosophila suzukii*: Fumigation at a concentration of 6% carbon dioxide and 1% sulphur dioxide for 30 minutes at 17.1°C, 18.4°C or 20.5°C.

#### Acca sellowiana

#### Myrtaceae

#### Feijoa

##### Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment.

##### Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation)

#### Actinidia arguta

#### Kiwiberry

#### Actinidia chinensis

#### Actinidia deliciosa

#### Kiwifruit

##### Conditions

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

"Area of origin free from *Drosophila suzukii*"

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Allium spp.

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required. Bulbs must be dried, not germinated, with no roots or soil attached.

Additional Declaration:

"Bulbs are from an area free from *Urocystis cepulae*"

and

"Bulbs inspected and found free from *Peronospora destructor*"

Allium spp., Glycine max,

Helianthus spp., Medicago spp.,

Sorghum spp., Zea mays

Sprouts

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration may be required, refer to import permit. Commercial product must be packaged in hermetically sealed containers of not more than 500g. Must be free from live insects.

Ananas comosus

Pineapple

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required. Crown must be removed.

Additional declaration

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation)

Annonaceae

Custard Apple

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin is free from *Bephratelloides cubensis*.”

Annona cherimola

Cherimoya

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin is free from *Bephratelloides cubensis*.”

Apium graveolens

Celery

Conditions:

Import permit not required. Phytosanitary certificate required.

Asparagus officinalis

Asparagus

Conditions:

Import permit not required. Phytosanitary certificate required.

Beta vulgaris

Beet

Conditions:

Import permit not required. Phytosanitary certificate required.

Brassica spp.

Brassica

Conditions:

Import permit not required. Phytosanitary certificate required.

Capsicum annuum

Capsicum

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii* “

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Carica papaya

Papaya

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation)

Cichorium intybus

Chicory

Conditions:

Plant import permit not required. Phytosanitary certificate required.

Citrullus lanatus

Watermelon

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii* “

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Citrus spp.

Citrus

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required. Stalks and leaves to be removed.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).AND

“Area of origin is free from *Xanthomonas axonopodis* pv citri” (Citrus canker”).

Cocos nucifera

Coconut

Conditions:

Prohibited (except copra and processed products)

Cucumis melo

Melon

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.



Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Cucumis spp.

Cucurbits

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

Cydonia oblonga

Quince

Conditions:

Prohibited

Cynara scolymus

Artichoke (Globe)

Conditions:

Import permit not required. Phytosanitary certificate required.

Cyphomandra betacea

Tamarillo

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

Daucus carota

Carrot

Conditions:

Import permit not required. Phytosanitary certificate required.

Dioscorea spp.

Yams

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required.



Tubers washed and free of soil.

Additional Declaration:

“Country of origin is free from Dioscorea Green-Banding Virus, Yam Internal Brown Spot Virus, Yam Mosaic Virus”

And

“Country of origin is free from *Scutellonema bradys* and *Papuana* spp.”

Or

“Treatment by fumigation with methyl bromide”

Or

“Tubers peeled and frozen “

Diospyros kaki

Persimmon

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii* “

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Eriobotrya japonica

Loquat

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii* “

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Ficus spp.

Figs

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic

importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Fortunella spp.

Kumquat

Conditions:

Import permit not required. Phytosanitary certificate required with additional declaration and treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

And

“Country of origin is free from *Xanthomonas axonopodis* pv *citri*” (Citrus canker)”

Fragaria spp.

Strawberries

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and/or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Helianthus tuberosus

Jerusalem artichoke

Conditions:

Import permit not required. Phytosanitary certificate required with additional declaration and treatment required. Tubers must be dormant and free of soil.

Additional declaration/treatment:

“Country free from *Plasmopara helianthi* and *Phomopsis helianthi*”

And

“Tubers certified free of nematodes of genera *Ditylenchus*, *Pratylenchus* and *Xiphinema*

Or

Nematicide treatment (fumigation or hot water dipping) prior to shipping.

*Ipomoea batatas*

Kumara

Conditions:

Import permit required. Phytosanitary certificate required. Tubers washed and clean (soil removed).

*Lactuca sativa*

Lettuce

Conditions:

Import permit not required. Phytosanitary certificate with additional declaration and/or treatment required.

Additional declaration/treatment:

1) Lettuce heads cultivated and packaged in an area free from *Nasonovia ribisnigri* (lettuce aphid)”

Or

2) a. Fumigation with methyl bromide at one of the following rates:

- 48g/m<sup>3</sup> for 2 hours with a core temperature of 11-15 degrees Celsius
- 40g/m<sup>3</sup> for 2 hours with a core temperature of 16-21 degrees Celsius
- 32g/m<sup>3</sup> for 2 hours with a core temperature of 22-27 degrees Celsius

Or

b. Fumigation with ethyl formate at 120g/m<sup>3</sup> for 1 hour at a temperature greater than or equal to 15 degrees Celsius

Or

c. Lettuces are presented washed, trimmed and ready to use.

Legumes (other than fruit vegetables)

Conditions:

Import permit not required. Phytosanitary certificate required. Must be free from soil (maximum tolerance is 0.3% of net weight).

*Lentinus edodes*

Shitake Mushroom

Conditions:

Import permit not required. Phytosanitary certificate required. Must be clean and free from soil, potting mix, humus and leaves.

*Litchi chinensis*

Litchi

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin is free from *Xanthomonas axonopodis* pv. *citri* (Citrus canker)”.

*Lycopersicon esculentum*

Tomato

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required. Stalks to be removed.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation)

*Malus* spp.

Apples

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And (if applicable)

"Produce does not meet negotiated MPLs and is subject to inspection on arrival and possible fumigation" **Note:** (only to be applied if the MPL exceeds 0.5% at inspection in New Zealand, agreed policy New Caledonia and New Zealand)

*Mangifera indica*

Mango

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

"Area of origin is free from *Xanthomonas axonopodis* pv *citri*" (Citrus canker)".

*Manihot esculenta*

Cassava

Conditions:

Import permit required. Phytosanitary certificate, and additional declaration required. Tubers washed and free of soil.

Additional Declaration:

"Area of origin free from *Xanthomonas campestris* pv. *manihoti*, Cassava Mosaic Virus, Cassava Brown Streak Virus and African Cassava Mosaic Virus"

Or

"Tubers peeled and frozen"

Morus alba

White Mulberry

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

"Area of origin free from *Drosophila suzukii*"

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Mushroom (Fresh and edible)

Import permit not required. Phytosanitary certificate required.

Conditions:

Mushrooms must be free from soil, potting mix, humus and leaves.

Oxalis tuberosa

Yam (NZ)

Import permit required. Phytosanitary certificate and additional declaration required. Tubers washed and free of soil.

Additional Declaration:

"Country of origin is free from *Scutellonema bradys* and *Papuana* spp."

Or

"Treatment by fumigation with methyl bromide"

Or

"Tubers peeled and frozen"

Passiflora edulis

Passionfruit

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

"Area of origin is free from *Xanthomonas axonopodis* pv *citri*" (Citrus canker)".

Pastinaca spp.

Parsnips

Conditions:

Import permit not required. Phytosanitary certificate required.

Persea americana

Avocado

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

"Fruit grown in orchards recognised as free from Avocado sunblotch viroid"

Petroselinum crispum

Parsley

Conditions:

Import permit not required. Phytosanitary certificate required.

Phaseolus vulgaris

Bean

Conditions:

Import permit not required. Phytosanitary certificate required.

Physalis peruviana

Cape Gooseberry

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

Pisum spp.

Pea

Conditions:

Import permit not required. Phytosanitary certificate required.

Prunus spp.

Stonefruit

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

"Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance."

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

*Pyrus communis* & *P. pyrifolia*      Pear & Nashi

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata*, fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

*Raphanus sativus*      Radish

Conditions:

Import permit not required. Phytosanitary certificate required.

*Rheum rhabarbarum*      Rhubarb

Conditions:

Import permit not required. Phytosanitary certificate required.

*Ribes* spp.      Currants

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

*Rubus* spp.      Brambles

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or



Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii* “

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

*Solanum melongena* var. *esculentum*      Egg Plant

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

*Solanum muricatum*

Pepino

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:

“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

*Solanum tuberosum* (for consumption)

Potato

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Tubers must be free from soil, not germinated on arrival and planting is prohibited.

Additional Declaration:

“Tubers come from regions certified free from *Clavibacter michiganensis* subsp. *sepedonicus*, *Ditylenchus destructor*, *Globodera rostochiensis*, *Globodera pallida*, and *Synchytrium endobioticum*”

**Note:** *Clavibacter michiganensis* subsp. *sepedonicus* is not known to occur in New Zealand.

*Spinacia oleracea*

Spinach

Conditions:

Import permit not required. Phytosanitary certificate required.

*Vitis vinifera*

Grape

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required and or treatment required.

Additional declaration:



“Area of origin free from *Bactrocera cucurbitae*, fruit flies of dorsalis complex, *Ceratitis capitata* and fruit flies genus *Anastrepha* spp. or other fruit flies of economic importance.”

Or

Treatment known to be effective for the destruction of all fruit fly eggs and larvae (heat, cold, fumigation).

And

“Area of origin free from *Drosophila suzukii*”

Or

Treatment known to be effective for the destruction of all *Drosophila suzukii* eggs and larvae.

Wasabia japonica (for consumption)

Wasabi

Conditions:

Import permit required. Phytosanitary certificate required. Rhizomes must be free of roots, thoroughly washed, free of live insects and any traces of soil or any other contaminant. Rhizomes must be cut below the leaves and kept frozen for the duration of the transport.

Zea mays

Sweet corn

Conditions:

Conditions of entry for fresh sweet corn are being clarified with New Caledonia's phytosanitary authorities.

#### **4.1.2 Dried Fruit and Vegetables**

Refer Section 3.1.2

#### **4.1.3 Frozen Fruit and Vegetables**

Refer Section 3.1.3

### **4.2 Cut Flowers and Foliage**

#### **4.2.1 Fresh Cut Flowers and Foliage**

Allium spp.

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required. Insecticide treatment by fumigation, spraying or dipping required. If leaves are present, fungicide treatment required.

Additional declarations:

“Flowers free from *Peronospora destructor* (onion mildew) and production sites free from *Urocystis cepulae*”

Or

Fungicide treatment.

Chrysanthemum spp.

Chrysanthemum

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required. Insecticide treatment by fumigation, spraying or dipping required. If

leaves are present, fungicide treatment is required.

Additional Declaration:

“Flowers are free from *Puccinia horiana* (Chrysanthemum white rust) and free from Chrysanthemum Stunt Virus”

Or

“Devitalised with glyphosate” - Devitalisation (if conducted): Treatment = stems are dipped for twenty minutes to a depth of at least 35 cm in a solution of 0.5% Glyphosate.

*Pinales*

Conifers

Conditions:

Import permit not required. Phytosanitary certificate required. Insecticide and fungicide treatment required.

*Convallaria majalis*

Lily of the Valley

Import permit not required. Phytosanitary certificate required. Insecticide and fungicide treatment.

*Dendranthema* spp.

Chrysanthemum

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required. Insecticide treatment by fumigation, spraying or dipping required. If leaves are present, fungicide treatment required.

Additional Declaration:

“The flowers are free from *Puccinia horiana* (Chrysanthemum white rust) and free from Chrysanthemum Stunt Virus”

or

“Devitalised with glyphosate” - Devitalisation (if conducted): Treatment = stems are dipped for twenty minutes to a depth of at least 35 cm in a solution of 0.5% Glyphosate.

*Helianthus* spp.

Conditions:

Prohibited

*Musaceae*

Conditions:

Prohibited

*Myrtaceae*

Conditions:

Prohibited

Orchidaceae

Orchids

Conditions:

Import permit not required. Phytosanitary certificate required. Insecticide (fumigation, spraying & dipping). Fungicide treatment if leaves are present.

*Salix* spp.

Conditions:

Import permit not required. Phytosanitary certificate and treatment required.

Treatment:

Insecticide (fumigation, spraying & dipping).

#### 4.2.2 Dried Cut Flowers and Foliage

Refer Section 3.2.2

#### 4.3 Nursery Stock

Refer Section 3.3

##### 4.3.1 Whole Plants

Refer Sections 3.3.1, 3.3.2, Appendix 1 and 2.

Dianthus spp.

Carnation

Conditions:

In addition to section 3.3.2, the following additional declaration is required.

Additional declaration:

"Plants are free from *Erwinia chrysanthemi*"

Fragaria spp.

Strawberries

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. Flowers and fruits are not allowed. Plants with bare roots must be thoroughly cleaned and free of soil. The plant or batch of plants must be clearly identified using a label bearing the scientific name (genus and species). The consignment must be covered by a supplier's declaration stating that the plants are non-genetically modified organisms.

Additional Declaration:

"Mother plants and plants are certified free from *Phytophthora fragariae*, Strawberry crinkle virus, Strawberry mottle virus, and *Xanthomonas fragariae*"

Or

"Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped" (Must provide test records).

And

"Plants coming from an area free from *Xylella fastidiosa* and no symptoms of the presence of this organism were observed during the production period."

Or

"Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped" (Must provide test records)."

Or

"The consignment does not contain any species identified by the European Food Safety Authority (EFSA) report as host to *Xylella fastidiosa*"

**Note:** New Zealand is free from *Xylella fastidiosa*. Refer to EPPO Global Database *Xylella fastidiosa* host plants, link here: (<https://gd.eppo.int/taxon/XYLEFA/hosts>).

Treatment:

Insecticide and fungicide treatment by immersion (particularly against *Phytophthora* spp.) required.

Malus spp.

Apple

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required.

Dormant plants without leaves, flowers or fruit. Plant material must be from an approved nursery approved by the plant quarantine department and followed a certification scheme. Plants with bare roots must be thoroughly cleaned and free from soil. The plant or batch of plants must be clearly identified using a label bearing the scientific name (genus and species)

Additional Declaration:

“Mother plants indexed and plant material free from Apple Chlorotic Leafspot Virus, Apple Mosaic Virus, Apple Proliferation Phytoplasma, Pear Vein Yellow Virus, Pear Blister Canker Viroid, Pear Decline Phytoplasma”

and

“The country or Area of origin free from *Nectria galligena*, *Venturia pirina* and *Erwinia amylovora*”

or

“Appropriate tests failed to find evidence of the presence of these pests in both the mother plants and the plants shipped” (must provide test records).

Treatment:

Insecticide and fungicide treatment by immersion required.

Orchidaceae (other than *Vanilla* spp.)      Orchids

Conditions:

Import permit required. Phytosanitary certificate and treatment required.

Plants must be free of seeds, fruits and soil. The plant must be clearly identified using an individual label bearing the scientific name (genus and species). The plant consignment must also be accompanied by an attestation by the supplier that the plants are not genetically modified.

Also, during treatment bare roots must be thoroughly cleaned.

Or

Packed in authorised transport support media (0.5 to 0.6 L maximum), new and non-adhesive to root system.

**Note:** Authorised transport support media includes charcoal, wooden basket cork beads, sawdust, rockwool, perlite, vermiculite, pure peat, clay beads (expanded or fired), ground coconut shell, pumice, recycled paper, sphagnum moss, coconut fibre. These products must not contain seeds, soil, undecomposed foreign plant or animal material.

Treatment:

Insecticide and fungicide treatment by dipping or spraying.

Palmae

Palms

Conditions:

In addition to the requirements in section 3.3.2, the following additional declaration is required.

Additional Declaration:

“Country of origin is free from Coconut Cadang-Cadang Viroid and Palm lethal yellowing phytoplasma”

*Prunus* spp.

Stone fruit

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required.

Dormant plants without leaves, flowers or fruit. Plant material must be from an approved nursery approved by the plant quarantine department and followed a certification scheme. Plants with bare roots must be thoroughly cleaned and free from

soil. The plant or batch of plants must be clearly identified using a label bearing the scientific name (genus and species)

Additional Declaration:

“Mother plants indexed and plant material free from Prunus Necrotic Ringspot Virus, Prune Dwarf Virus, Plum Pox Virus, Peach Latent Mosaic Viroid, Peach Mosaic Virus, Apple Mosaic Virus”

And

“The country or Area of origin free from *Monilia laxa*, *Pseudomonas syringae* pv. *syringae* and *P. pv. morsprunorum*”

Or

“Appropriate tests failed to find evidence of the presence of these pests in both the mother plants and the plants shipped” (must provide test records).

Treatment:

Insecticide and fungicide treatment by immersion required.

Pyrus spp.

Pear & Nashi

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required.

Dormant plants without leaves, flowers or fruit. Plant material must be from an approved nursery approved by the plant quarantine department and followed a certification scheme. Plants with bare roots must be thoroughly cleaned and free from soil. The plant or batch of plants must be clearly identified using a label bearing the scientific name (genus and species)

Additional Declaration:

“Mother plants indexed and plant material free from Apple Chlorotic Leafspot Virus, Apple Mosaic Virus, Apple Proliferation Phytoplasma, Pear Vein Yellow Virus, Pear Blister Canker Viroid, Pear Decline Phytoplasma”

And

“The country or Area of origin free from *Nectria galligena*, *Venturia pirina* and *Erwinia amylovora*”

Or

“Appropriate tests failed to find evidence of the presence of these pests in both the mother plants and the plants shipped” (must provide test records).

Treatment:

Insecticide and fungicide treatment by immersion required.

Rosa spp. (with leaf)

Roses

Conditions:

In addition to the requirements listed in section 3.3.2, the plants must be free from soil, flowers, flower buds and fruits. The plant must be clearly identified using an individual label bearing the scientific name (genus and species). Plant shipment to be covered by a supplier's declaration stating that the plants are non-genetically modified organisms.

Additional declaration:

“Plants coming from an area free from *Xylella fastidiosa* and no symptoms of the presence of this organism were observed during the production period.”

Or

“Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped” (Test results must be provided).”

Or

“The consignment does not contain any species identified by the European Food

Safety Authority (EFSA) report as host to *Xylella fastidiosa*.”

And

Plant material from a nursery approved by the relevant official surveys and following a certification scheme.

**Note:** New Zealand is free from *Xylella fastidiosa*. Refer to EPPO Global Database *Xylella fastidiosa* host plants, link here: (<https://gd.eppo.int/taxon/XYLEFA/hosts>).

Treatment:

Insecticide and fungicide treatment by dipping or spraying with the following conditions:

Also, during treatment procedure bare roots must be thoroughly cleaned.

Or

Packed in authorised transport support media (0.5 to 0.6 L maximum), new and non-adhesive to root system.

**Note:** Authorised transport support media includes charcoal, wooden basket cork beads, sawdust, rockwool, perlite, vermiculite, pure peat, clay beads (expanded or fired), ground coconut shell, pumice, recycled paper, sphagnum moss, coconut fibre. These products must not contain seeds, soil, undecomposed foreign plant or animal material.

Or

Young plant is placed in a square cup (9cm x 9cm max., corresponding to 0.6L of medium) or in a round pot of 10.5cm max. (corresponding to 0.5L of medium). An insecticide and a nematicide treatment must be applied on the culture media (soil is not allowed). The following active ingredients are authorized as nematicide according to the label directions: fenamiphos, oxamyl, dazomet or metam.

Or

Young plant is placed in a square cup (9cm x 9cm max., corresponding to 0.6L of medium) or in a round pot of 10.5cm max. (corresponding to 0.5L of medium) whose growing medium is certified free of soil and treated with an insecticide. The plant is grown in a greenhouse on raised shelves to avoid any contact with the ground. Analyses of samples of growing medium and roots made at least twice a year confirmed the absence of plant pathogen nematode (Results of the analyses must be referenced on the phytosanitary certificate and must not be older than 6 months).

Rosa spp. (without leaf)

Roses

Conditions:

In addition to the requirements listed in section 3.3.2, the plants must be free from soil, flowers, flower buds and fruits. The plant must be clearly identified using an individual label bearing the scientific name (genus and species). Plant shipment to be covered by a supplier's declaration stating that the seeds are non-genetically modified organisms.

Also, during treatment procedure bare roots thoroughly cleaned and free from soil.

Additional declaration:

“Plants coming from an area free from *Xylella fastidiosa* and no symptoms of the presence of this organism were observed during the production period.”

Or

“Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped” (Test results must be provided).”

Or

“The consignment does not contain any species identified by the European Food Safety Authority (EFSA) report as host to *Xylella fastidiosa*.”

**Note:** New Zealand is free from *Xylella fastidiosa*. Refer to EPPO Global Database

*Xylella fastidiosa* host plants, link here: (<https://gd.eppo.int/taxon/XYLEFA/hosts>).

Treatment:

Insecticide and fungicide treatment by dipping or spraying.

#### 4.3.2 Cuttings and grafts

*Artocarpus altilis*

Conditions:

Import permit required. Phytosanitary certificate with treatment requirement. The roots must be bare and thoroughly cleaned. Soil, flowers and fruit is prohibited. The consignment must also be accompanied by an attestation by the supplier that the plants are not genetically modified.

Treatment:

Insecticide and fungicide treatment required.

*Dianthus* spp.

Carnation

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. Where cuttings are rooted, the roots must be bare and thoroughly cleaned. Soil, flowers and fruit is prohibited. The consignment must also be accompanied by an attestation by the supplier that the plants are not genetically modified.

Additional declaration:

"Mother plants and the plants shipped must be free from *Erwinia chrysanthemi*"

Treatment:

Insecticide and fungicide treatment required.

*Convallaria majalis*

Lily of the Valley

Conditions:

Import permit, phytosanitary certificate and treatment required. Cuttings must be dormant and free from soil. The consignment must also be accompanied by an attestation by the supplier that the plants are not genetically modified.

Treatment:

Insecticide and fungicide treatment

Or

Heat treatment (1 hour at 42°C)

*Tagetes* spp.

Marigold

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. Where cuttings are rooted, the roots must be bare and thoroughly cleaned. Soil, flowers and fruit is prohibited. The consignment must also be accompanied by an attestation by the supplier that the plants are not genetically modified.

Additional declaration:

"Mother plants and the plants shipped must be free from *Erwinia chrysanthemi*"

Treatment:

Insecticide and fungicide treatment required.



### 4.3.3 Bulbs/tubers/rhizomes (for propagation)

Refer Section 3.3.3

#### Allium spp.

#### Onions

##### Conditions:

Import permit required. Phytosanitary certificate required. Bulbs/rhizomes to be dormant. Insecticide treatment required. The consignment must also be accompanied by an attestation by the supplier that the plants or plant products are not genetically modified.

##### Additional Declaration/Treatment:

"Bulbs free from nematodes of the genera *Ditylenchus*, *Pratylenchus*, *Xiphinema*"

Or

Nematicide treatment (dipping in hot water: 4h at 45°C or equivalent)

Or

Nematicide treatment (dipping in fenamiphos solution: 1g/L for 1h, or equivalent active ingredient)

And

"Bulbs for planting are free from *Peronospora destructor* (downy mildew) and field free from *Urocystis cepulae* (onion smut)"

Or

Fungicide treatment against mildew and onion smut.

#### Ornamental bulbs and rhizomes

##### Conditions:

Import permit required. Phytosanitary certificate required. Bulbs/rhizomes must be dormant. No roots, stems or leaves allowed. Insecticide and fungicide treatment required.

##### Additional Declaration/Treatment:

"Bulbs or rhizomes are free from nematodes of the genera *Dictylenchus*, *Pratylenchus*, *Xiphinema*"

Or

Nematicide treatment (dipping in hot water: 4h at 45°C or equivalent)

Or

Nematicide treatment (dipping in fenamiphos solution: 1g/L for 1h, or equivalent active ingredient)

And

"Plants coming from an area free from *Xylella fastidiosa* and no symptoms of the presence of this organism were observed during the production period."

Or

"Appropriate tests failed to find evidence of the presence of these pathogens in both the mother plants and the plants shipped (provide test records)."

Or

"The consignment does not contain any species identified by the European Food Safety Authority (EFSA) report as host to *Xylella fastidiosa*."

**Note:** New Zealand is free from *Xylella fastidiosa*. Refer to EPPO Global Database *Xylella fastidiosa* host plants, link here: (<https://gd.eppo.int/taxon/XYLEFA/hosts>).

#### Solanum tuberosum

#### Potatoes

##### Conditions:

Import permit required. Phytosanitary certificate with additional declaration



required.

Tuber must be cleaned. Insecticide and fungicide treatment. The consignment must also be accompanied by an attestation by the supplier that the plants or plant products are not genetically modified. Brushed tubers free from adherent soil (tolerance of 0.3% of net weight).

Additional Declaration:

“Area of origin certified free of *Clavibacter michiganensis* subsp. *sepedonicus*, *Synchytrium endobioticum*, *Ditylenchus destructor*, *Globodera rostochiensis*, *Globodera pallida* and Potato Spindle Tuber Viroid.”

And

“Area of production inspected and tubers are analysed and found to be free from *Ralstonia solanacearum* phylotype IIb-1 and *Candidatus Liberibacter solanacearum*.”

#### **4.3.4 Tissue Culture (In vitro plants)**

Orchidaceae (except *Vanilla* spp.)

Conditions:

Import permit required. Phytosanitary certificate required. Vitroplants to be in closed, rigid, sterile containers made of a clear material to allow for visual inspection of the plantlets and medium. Vitroplants to show a normal level of development (young leaves, callus or young roots). Vitroplants to be set on a clear, solid, aseptic medium, free of antibiotics. Vitroplants and growing medium must not show any symptoms of disease or external contamination. Vitroplants to be inspected upon arrival. Vitroplant shipment to be covered by a supplier's declaration stating that the plants are non-genetically modified organism.

#### **4.4 Seeds, Grains and Nuts**

Refer to Sections 3.4 for General Commodity Class Requirements.

##### **4.4.1 Seeds for Sowing**

*Allium* spp.

Onions

Conditions:

Import permit required. Phytosanitary certificate with additional declaration required. Insecticide and fungicide treatment. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional Declaration:

“Seeds from mother plants are free from *Peronospora destructor* (onion mildew) and the field of origin is free from *Urocystis cepulae* (onion smut)”

Or

“Seeds have been tested and found free from *Peronospora destructor* (onion mildew) and *Urocystis cepulae* (onion smut)”

Or

“Seeds have been treated for onion mildew and onion smut.”

Treatment:

Insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

**Note:** Non-exhaustive list of approved active ingredients for *Allium* spp. seeds against the quarantine pest species are listed in table 2.

Table 2. Non-exhaustive list of approved active ingredients on *Allium* spp. seeds

Targeted Quarantine pests	Required treatment	Approved active ingredients (non-exhaustive)
<i>Peronospora destructor</i>	Treatment against downy mildew	Metalaxyl M / Mancozebe Mefenoxam Azoxystrobin Difenoconazole Hexaconazole Chlorothalonil Thiram
<i>Urocystis cepulae</i>	Treatment against onion smut	Caroxin + Thiram Tebuconazol Fludioxonil Penflufen Thiram Carbendazim

#### Anacardiaceae (non-fruit bearing)

##### Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

##### Additional declaration:

"Country of origin is free from *Xanthomonas axonopodis* pv. *mangiferaeindicae*"

##### Treatment:

insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

#### Avena spp., Hordeum spp., Secale spp., and Cereals Triticum spp.

##### Conditions:

Import permit required. Phytosanitary certificate and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). Seeds must be accompanied by a purity certificate. If the purity certificates indicates more than 3% content of seeds from one or several prohibited species, and more than 15% of inert substances the consignment will be rejected. The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Treatment:

Fungicide treatment as follows:

- Carboxine and Thirame or,
- Carboxine and Imazalil or,
- Flutriafol and Imazalil (or equivalent)

*Dianthus* spp.

Carnation

Conditions:

Import permit and phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional declaration:

"Seeds free from *Erwinia chrysanthemi*"

Treatment:

Insecticide and fungicide treatment required.

*Ensete* spp.

Wild banana

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional declaration:

"Country of origin or state free from Banana Bract Mosaic Virus, Banana Bunchy Top Virus, Banana Streak Virus, Banana Mosaic Virus"

Or

"Seeds must have been tested and found free from Banana Bract Mosaic Virus, Banana Bunchy Top Virus, Banana Streak Virus, Banana Mosaic Virus"

And

"Seeds free from *Ralstonia solanacearum* race II (Moko disease) and *Xanthomonas vasicola* pv. *Musacearum*"

Or

Bactericide treatment with sodium hypochlorite (0.5% for 10 min.)

And

"Seeds are free from *Fusarium oxysporum* f. sp. *cubense* race 4 (Panama disease), *Ceratostomella paradoxa*, *Trachysphaera fructigena* and *Ustilaginoidella oedipigera*"

Or

Appropriate fungicide treatment.

*Fabaceae*

Forage legumes

Conditions:

Import permit required. Phytosanitary certificate and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of

animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). Seeds must be accompanied by a purity certificate. If the purity certificate indicates more than 3% content of seeds from one or several prohibited species, and more than 15% of inert substances the consignment will be rejected. The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Treatment:

Insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

*Helianthus* spp.

Sunflower

Conditions:

Import permit, required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional Declaration:

“Area of origin free from *Plasmopara halstedii*.”

Or

“Seeds have been tested and found free from *Plasmopara halstedii* (sunflower mildew)”

And

Fungicide treatment (Metalaxyl and Thiram or Metalaxyl and Captan).

Treatment:

Insecticide and fungicide treatment for non-commercial seed.

*Heliconia* spp.

Heliconia

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional declaration:

“Country of origin or state free from Banana Bract Mosaic Virus, Banana Bunchy Top Virus, Banana Streak Virus, Banana Mosaic Virus”

Or

“Seeds must have been tested and found free from Banana Bract Mosaic Virus, Banana Bunchy Top Virus, Banana Streak Virus, Banana Mosaic Virus”

And

“Seeds free from *Ralstonia solanacearum* race II (Moko disease) and *Xanthomonas vasicola* pv. *Musacearum*”

Or

Bactericide treatment with sodium hypochlorite (0.5% for 10 min.)

And

“Seeds are free from *Fusarium oxysporum* f. sp. *cubense* race 4 (Panama disease), *Ceratosomella paradoxa*, *Trachysphaera fructigena* and *Ustilaginoidella oedipigera*”  
Or  
Appropriate fungicide treatment.

#### Medicago sativa

#### Lucerne

##### Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

##### Additional Declaration:

“Area origin free from *Clavibacter michiganensis* subsp. *insidiosus*”

Or

“Seeds must have been tested and shown to be free from *Clavibacter michiganensis* subsp. *insidiosus*”.

##### Treatment:

Fungicide treatment.

#### Myrtaceae

##### Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. The seeds must be depulped and be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

##### Additional declaration:

“Country of origin or state free from *Puccinia psidii* and *Uredo rangellii*”

Or

“Appropriate tests failed to find evidence of the presence of *Puccinia psidii* and *Uredo rangellii* in both the parent crops and the plants shipped” (must provide test results).

##### Treatment:

Insecticide and fungicide treatment. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

#### Non-fruit bearing species of Sapindaceae

##### Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species).

##### Additional declaration:

“Area of origin free from erinose and *Peronophytophthora litchi*”

And

“Seeds free from *Aceria litchi*”

Treatment:

Insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

Palmae

Palm

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. The seeds must be depulped and be packed in clean, new packaging, clearly labelled with the botanical name (genus and species).

Additional declaration:

"Country of origin is free from Coconut cadang-cadang viroid"

Or

"Seeds tested and found free from Coconut cadang-cadang viroid"

Passiflora edulis

Passionfruit

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional declaration:

"Seeds are free from *Pseudomonas syringae* pv. *passiflorae*, *Xanthomonas axonopodis* pv. *passiflorae*, Passionfruit ringspot virus, Passionfruit Woodiness virus".

Treatment:

Insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

Poaceae

Forage grasses

Conditions:

Import permit required. Phytosanitary certificate and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). Seeds must be accompanied by a purity certificate. If the purity certificates indicates more than 3% content of seeds from one or several prohibited species, and more than 15% of inert substances the consignment will be rejected. The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Treatment:

Insecticide and fungicide treatment for non-commercial seed. Fungicide treatment for seed presented in commercial packaging greater than 100 g per unit.

Prunus spp.

Conditions:

Import permit required. Phytosanitary certificate with additional declarations and treatment required. The seeds must be free from live insects, disease symptoms, soil,



other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional declaration:

“Seeds must be from trees that are indexed annually and found to be free of the following viruses: Prunus Necrotic Ringspot Virus, Prune Dwarf Virus, Plum Pox Virus, Peach Mosaic Virus, and Apple Mosaic Virus”

and

“Seeds are from an approved nursery certified free from *Pseudomonas syringae* pv. *syringae* and *Pseudomonas syringae* pv. *morsprunorum*”

Treatment:

Insecticide and fungicide.

*Solanum lycopersicum*

Tomato

Conditions:

Import permit required. Phytosanitary certificate with additional declaration required. The seeds must be free from soil, other plant and animal material and seeds other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified. For non-commercial seed insecticide and fungicide treatment required. Fungicide treatment required for seed presented in commercial packaging and whose weight of bare seed is greater than 100 grams.

Additional Declaration:

“The country of origin is free from Tomato Brown Rugose Fruit Virus”

Or

“The area of production is free from Tomato Brown Rugose Fruit Virus ”

Or

“The seeds have been tested and shown to be free from Tomato Brown Rugose Fruit Virus”

**Note:** Test results to be supplied.

AND

“The country of origin is free from Pepino Mosaic Virus”

Or

“The area of production is free from Pepino Mosaic Virus”

Or

“The seeds have been tested and shown to be free from Pepino Mosaic Virus”

**Note:** Test results to be supplied.

*Sorghum vulgare*

Sorghum

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional Declaration:

"The Area of origin free from *Sclerospora graminicola*, *Peronosclerospora sorghi* and *P. maydis*"

Or

"The seeds have been tested and found to be free from *Sclerospora graminicola*, *Peronosclerospora sorghi* and *P. maydis*"

Or

Mildew treatment (Metalaxyl or equivalent)

And

Fungicide treatment also required using the following active ingredients:

- Carboxine and Thirame
- or
- Carboxine and Captan
- or
- Imazalil and Triadimenol
- or
- Imazalil and Flutriafol
- or
- Other equivalent treatments

Treatment:

Insecticide and fungicide treatment required for non-commercial seed.

*Strelitzia* spp.

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional declaration:

"Country of origin or state free from Banana Bract Mosaic Virus, Banana Bunchy Top Virus, Banana Streak Virus, Banana Mosaic Virus"

Or

"Seeds must have been tested and found free from Banana Bract Mosaic Virus, Banana Bunchy Top Virus, Banana Streak Virus, Banana Mosaic Virus"

And

"Seeds free from *Ralstonia solanacearum* race II (Moko disease) and *Xanthomonas vasicola* pv. *Musacearum*"

Or

Bactericide treatment with sodium hypochlorite (0.5% for 10 min.)

And

"Seeds are free from *Fusarium oxysporum* f. sp. *cubense* race 4 (Panama disease), *Ceratostomella paradoxa*, *Trachysphaera fructigena* and *Ustilaginoidella oedipigera*"

Or

Appropriate fungicide treatment.

*Zea mays*

Maize

Conditions:

Import permit required. Phytosanitary certificate with additional declaration and treatment required. The seeds must be free from live insects, disease symptoms, soil, other plant material, material of animal origin and seed other than those authorised by



the permit to import. Seeds must be packed in clean, new packaging, clearly labelled with the botanical name (genus and species). The consignment must also be accompanied by an attestation by the supplier that the seeds are not genetically modified.

Additional Declaration:

"Area of origin free from *Pantoea stewartii*."

And

"Area of origin is free from *Peronosclerospora maydis*, *Peronosclerospora sorghi*, *Peronosclerospora sacchari*, *Peronosclerospora philippinensis* (Philippine downy mildew)"

Or

"Seeds must have been tested and found free from *Peronosclerospora maydis*, *Peronosclerospora sorghi*, *Peronosclerospora sacchari*, *Peronosclerospora philippinensis*."

Or

Treated with fungicide (Metalaxyl or equivalent)

And

"Area of origin free from *Ustilago maydis* and *Sphacelotheca reiliana*"

Or

Treated with fungicide treatment: Carboxine + Thiram (or equivalent)

Treatment:

Insecticide and fungicide

#### **4.4.3 Seeds, Grains and Nuts for Consumption**

Please contact plant exports, section 1.1.

#### **4.4.4 Seeds, Grains and Nuts for Processing**

*Zea mays*

Maize

Conditions:

Import permit not required. Phytosanitary certificate required.

For all other Seeds, Grains and Nuts for Processing, please contact plant exports, Section 1.1.

#### **4.5 Growing Media**

ref Permit

Pine Bark

Conditions:

Import permit required. Phytosanitary certificate and treatment required. Thickness of product does not exceed 25 mm.

Treatment:

Processing method must include heat treatment at 80 °C for 4 hours minimum.

Or

Product has been fumigated with methyl bromide at 64 g/m<sup>3</sup> for 24 hours at 21-25 °C.

Or

Products have been fumigated with sulfuryl fluoride (SO<sub>2</sub>F<sub>2</sub>) at 64 g.m<sup>3</sup> for 24 at 21 °C.

or equivalent.

#### Compost

##### Conditions:

Import permit required. Phytosanitary certificate and treatment required.

##### Treatment:

The product has undergone an insecticide treatment by fumigation with:

- Methyl bromide at 40g/m<sup>3</sup>, 24 hours at 16 °C or
- Sulfuryl fluoride at 64 g/m<sup>3</sup>, 24 hours at 21 °C or
- Sterilization at 95 °C, 50% RH, 24 hours or 85 °C, 50% RH, 48 hours

And

The product contains neither animal component (e.g. Bonemeal) nor undecomposed plant material.

Or

The product has undergone a heat sterilization process:

- Sterilization at 95 °C, 50% RH, 24 hours or 85 °C, 50% RH, 48 hours

#### Peat Moss/Peat

##### Conditions:

Import permit required. Phytosanitary certificate and treatment required. The shipment must be free from seeds, soil, animal material or any foreign plant material.

#### Sand

##### Conditions:

Import permit and Phytosanitary certificate required. Sand to be washed, sieved, and free from soil and plant debris.

#### Soil

##### Conditions:

Prohibited

#### *Sphagnum* spp.

#### Sphagnum Moss

##### Conditions:

Import permit and Phytosanitary certificate required.

#### Straw

##### Conditions:

Prohibited

## **4.6 Animal Feed**

#### Cattle Cake

##### Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Inspection on arrival and fumigation if required.

#### *Cocos nucifera*

#### Copra

##### Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. The shipment must be free from seeds, soil, animal material or any foreign plant material.

Treatment required.

##### Treatment:

Fumigation with Methyl Bromide

Grains for animal feed (Whole grains crushed, processed and heat treated)

Conditions:

Import permit or phytosanitary certificate not required.

#### 4.7 Miscellaneous

Cocos nucifera

Coconut fibre

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. The shipment must be free from seeds, soil, animal material or any foreign plant material.

Treatment required.

Treatment:

Fumigation with Methyl Bromide or sterilisation by heating

Allium sativum, Capsicum annuum,

Garlic, Chilli,

Zingiber officinale

Ginger (crushed / processed)

Conditions:

Import permit not required. Phytosanitary not certificate required.

Manure

Conditions:

Prohibited

Zea mays

Sweet corn - precooked

Conditions:

Import permit not required. Phytosanitary certificate required.

Zea mays

Pop corn

Conditions:

Import permit not required. Phytosanitary certificate required. Additional declaration required. The products must be packaged in hermetically sealed commercial packaging. Maize kernels meant for human consumption shall not be used or sold as seeds for planting.

Additional declaration:

“Area of origin free from *Trogoderma granarium* and *Prostephanus truncatus*”

Or

“Insecticide treatment by fumigation before packing.”

And

“Area of origin free from *Pantoea stewartii*, *Peronosclerospora maydis*, *P. sorghi*, *P. sacchari*, *P.philippinensis*.”

And

“The kernels have been treated at 85 °C for 1 minute or equivalent treatment.”

## Appendix 1 List of Prohibited Plants and Plant Products for Propagation

The following plant and plant products for propagation are prohibited entry from New Zealand:

### Scientific name

#### A

<i>Acacia armata</i>
<i>Acacia auriculiformis</i>
<i>Acacia confuse</i>
<i>Acacia concinna</i> (= <i>A. sinuata</i> )
<i>Acacia crassicaarpa</i>
<i>A. dealbata</i>
<i>A. farnesiana</i>
<i>A. longifolia</i>
<i>A. mearnsii</i>
<i>A. melanoxydon</i>
<i>A. nilotica</i>
<i>A. parramattensis</i>
<i>Aretinodes</i>
<i>A. mangium</i>
<i>Acanthocereus tetragonus</i>
<i>Actinidia</i> spp.
<i>Achyranthes aspera</i>
<i>Aconitum carmichaelii</i> var. <i>wilsonii</i>
<i>Adenanthura pavonina</i>
<i>Aegle</i> spp.
<i>Aeglopsis</i> spp.
<i>Aeschynomene americana</i>
<i>Afraegle</i> spp.
<i>Agave</i> spp.
<i>Agathis</i> spp.
<i>Ageratina adenophora</i> ( <i>Eupatorium adenophorum</i> ), <i>A. riparia</i>
<i>Ageratum conyzoides</i> , <i>A. houstonianum</i> (= <i>A. mexicanum</i> )
<i>Agrostis tenuis</i>
<i>Ailanthus altissima</i>
<i>Ajuga reptans</i>
<i>Akebia quinata</i>
<i>Albizia chinensis</i> , <i>A. julibrissin</i> , <i>A. lebeck</i> , <i>A. saman</i> (= <i>Samanea saman</i> )
<i>Alocasia</i> sp.
<i>Alsophila</i> spp.
<i>Alstonia macrophylla</i>
<i>Alternanthera cromatella</i> , <i>A. philoxeroides</i>
<i>Amaranthus interruptus</i> , <i>A. salicifolius</i> , <i>A. spinosus</i> , <i>A. viridis</i>
<i>Ampelopsis arborea</i> (= <i>Ampelocissus arborea</i> )

<i>Anacardium occidentale</i>
<i>Andropogon gayanus</i> , <i>A. glomeratus</i> (= <i>Schizachyrium condensatum</i> ), <i>A. virginicus</i>
<i>Angiopteris</i> spp.
<i>Annona glabra</i>
<i>Anredera cordifolia</i>
<i>Anthoxanthum odoratum</i>
<i>Antidesma bunius</i>
<i>Antigonon leptopus</i>
<i>Arachis hypogaea</i>
<i>Araucaria</i> spp.
<i>Arctium lappa</i>
<i>Ardisia crenata</i> , <i>A. crispa</i> , <i>A. elliptica</i>
<i>Argemone mexicana</i>
<i>Aristolochia elegans</i> , <i>A. brasiliensis</i> , <i>A. gigantea</i>
<i>Armoracia rusticana</i> (= <i>Cochlearia armoracia</i> , <i>Armoracia lapathifolia</i> )
<i>Arthrosteria ciliatum</i>
<i>Arundinaria</i> spp.
<i>Arundo</i> spp.
<i>Asclepias curassavica</i> , <i>A. physocarpa</i> ( <i>Gomphocarpus physocarpus</i> )
<i>Asparagus densiflorus</i> (= <i>A. sprengeri</i> ) = <i>A. meyeri</i> , <i>A. plumosus</i> (= <i>A. setaceus</i> ), <i>A. africanus</i>
<i>Asystasia gangetica</i>
<i>Atalantia</i> spp.
<i>Austro eupatorium inulaefolium</i>
<i>Azolla filiculoides</i> , <i>A. imbricata</i> , <i>A. pinnata</i>
<b>B</b>
<i>Balsamocitrus</i> spp.
<i>Bambusa vulgaris</i>
<i>Bambuseae</i> (ornamental grasses)
<i>Banksia spinulosa</i>
<i>Barleria obtusa</i>
<i>Bartlettia sordida</i> (= <i>Eupatorium sordidum</i> )
<i>Bauhinia monandra</i> , <i>B. purpurea</i> , <i>B. variegata</i>
<i>Begonia cucullata</i> var. <i>spathulata</i>
<i>Bellucia pentamera</i>
<i>Berberis thunbergii atropurpurea</i>
<i>Bidens pilosa</i>
<i>Bischofia javanica</i>

<i>Bigonia capreolata</i> (= <i>Campsis caprelolata</i> )
<i>Blechnum occidentale</i>
<i>Bocconia frutescens</i>
<i>Blighia sapida</i>
<i>Boehmeria macrophylla</i> , <i>B. penduliflora</i>
<i>Bothriochloa pertusa</i>
<i>Brachiaria paspaloides</i> , <i>B. reptans</i>
<i>Bromus inermis</i>
<i>Brugmansia</i> (= <i>Datura</i> ) <i>arborea</i> , <i>B. candida</i> , <i>B. suaveolens</i>
<i>Buddleja asiatica</i> , <i>B. davidii</i> , <i>B. madagascariensis</i>
<b>C</b>
<i>Cabomba</i> spp.
<i>Caesalpinia bonduc</i> , <i>C. decapetala</i> , <i>C. major</i> , <i>C. parahyba</i>
<i>Calamus</i> spp.
<i>Calotropis procera</i>
<i>Calliandra calothyrsus</i>
<i>Callicarpa americana</i>
<i>Callisia repens</i>
<i>Calluna vulgaris</i>
<i>Campsis grandiflora</i> , <i>C. radicans</i> , <i>Campsis tagliabuana</i> (= <i>Campsis radicans</i> x <i>Campsis grandiflora</i> )
<i>Caragana arborescens</i>
<i>Carex flagellifera</i>
<i>Cardiospermum grandiflorum</i> , <i>C. halicacabum</i>
<i>Carludovica palmata</i>
<i>Carpobrotus edulis</i>
<i>Cassia bicapsularis</i> , <i>C. occidentalis</i>
<i>Cassytha filiformis</i>
<i>Castilla elastica</i>
<i>Casuarina cunninghamiana</i> , <i>C. equisetifolia</i>
<i>Cecropia obtusifolia</i> , <i>C. peltata</i>
<i>Cedrella odorata</i>
<i>Celtis sinensis</i>
<i>Cenchrus echinatus</i>
<i>Centratherum punctatum</i>
<i>Cerastium glomeratum</i>
<i>Ceratophyllum demersum</i>
<i>Cerbera manghas</i>
<i>Cestrum aurantiacum</i> , <i>C. diurnum</i> , <i>C. nocturnum</i>
<i>Chaenomeles</i> spp.
<i>Chamaecrista mimosoides</i> (= <i>Cassia mimosoides</i> )
<i>Chloris barbata</i> (= <i>C. inflata</i> )
<i>Choisya ternata</i>
<i>Chondrilla juncea</i>
<i>Chromolaena odorata</i> (= <i>Eupatorium odoratum</i> )
<i>Chrysanthemoides monilifera</i>
<i>Chrysanthemum coronarium</i> (= <i>Glebionis coronaria</i> )
<i>Chrysobalanus icaco</i>
<i>Chrysophyllum oliviforme</i>

<i>Chimonobambusa</i> spp.
<i>Cinchona pubescens</i> (= <i>C. succirubra</i> )
<i>Cinnamomum burmannii</i> , <i>C. camphora</i> , <i>C. verum</i> (= <i>C. zeylanicum</i> )
<i>Cirsium vulgare</i>
<i>Cissus nodosa</i> , <i>C. repens</i> , <i>C. rotundifolia</i>
<i>Citharexylum caudatum</i> , <i>C. spinosum</i>
Citrinae des genres <i>Citrus</i> , <i>Microcitrus</i> et <i>Fortunella</i> spp.
<i>Citropsis</i> spp.
<i>Clausena</i> spp.
<i>Clematis vitalba</i> , <i>C. terniflora</i> (= <i>C. paniculata</i> )
<i>Cleome viscosa</i>
<i>Clerodendrum b Buchananii</i> , <i>C. japonicum</i> , <i>C. paniculatum</i> , <i>C. philippinum</i> , (= <i>C. chinense</i> = <i>C. fragrans</i> ), <i>C. quadriloculare</i> , <i>C. thomsoniae</i>
<i>Clidemia hirta</i>
<i>Clitoria laurifolia</i> , <i>C. ternatea</i>
<i>Clusia major</i> , <i>C. rosea</i>
<i>Cobaea scandens</i>
<i>Coccinia grandis</i>
<i>Cocos nucifera</i>
<i>Coix lacryma-jobi</i>
<i>Colutea arborescens</i>
<i>Coffea</i> sp.
<i>Colocasia</i> sp.
<i>Commelina benghalensis</i> , <i>C. diffusa</i>
<i>Conyza bonariensis</i>
<i>Cordia alliodora</i>
<i>Cortaderia jubata</i> , <i>C. selloana</i>
<i>Corymbia</i> spp.
<i>Corynocarpus laevigatus</i>
<i>Cotoneaster</i> spp.
<i>Crassocephalus crepidioides</i>
<i>Crataegus</i> spp.
<i>Crotalaria pallida</i>
<i>Cryptostegia grandiflora</i> , <i>C. madagascariensis</i>
<i>Cuphea carthagenensis</i> , <i>C. ignea</i>
<i>Cuscuta cassytoidea</i>
<i>Cyathea australis</i> , <i>C. cooperi</i>
<i>Cyclanthera pedata</i> (= <i>Momordica pedata</i> )
<i>Cydonia</i> spp.
<i>Cyperus alternifolius</i> , <i>C. involucratus</i> , <i>C. rotundus</i> , <i>C. helferi</i> , <i>C. papyrus</i>
<i>Cytisus battandieri</i> (= <i>Argyrocystis battandieri</i> ), <i>C. scoparius</i>
<b>D</b>
<i>Dalbergia sissoo</i>
<i>Dactylis glomerata</i>
<i>Daemonorops</i> spp.
<i>Datura ferox</i> , <i>D. innoxia</i> , <i>D. stramonium</i>
<i>Delairea odorata</i> (= <i>Senecio mikanioides</i> )
<i>Dendrocalamus</i> spp.
<i>Desmanthus virgatus</i>
<i>Dichondra micrantha</i> , <i>D. repens</i>
<i>Dichrostachys cinerea</i> (= <i>Mimosa cinerea</i> )
<i>Digitaria insularis</i> , <i>D. ciliaris</i>

<i>Dissotis rotundifolia</i>
<i>Dioscorea</i> sp
<i>Dovyalis caffra</i> , <i>D. hebecarpa</i>
<i>Duranta erecta</i> (= <i>Duranta repens</i> , <i>D. ellisia</i> , <i>D. plumieri</i> )
<b>E</b>
<i>Ecballium elaterium</i>
<i>Echinochloa colona</i> , <i>E. polystachya</i>
<i>Echium plantagineum</i> , <i>E. fastuosum</i>
<i>Egeria densa</i>
<i>Ehrharta calycina</i> , <i>E. erecta</i> , <i>E. longifolia</i> , <i>E. stipoides</i> (= <i>Microloena stipoides</i> )
<i>Eichhornia azurea</i> , <i>E. crassipes</i>
<i>Eleagnus angustifolia</i> , <i>E. pungens</i> , <i>E. umbellata</i>
<i>Elegia capensis</i>
<i>Elephantopus mollis</i> , <i>E. scaber</i>
<i>Eleusine indica</i>
<i>Elodea</i> spp.
<i>Emex australis</i> , <i>E. spinosa</i>
<i>Emilia sonchifolia</i> (= <i>Cacalia sonchifolia</i> = <i>Crassocephalum sonchifolium</i> )
<i>Equisetum japonicum</i> (= <i>E. hyemale</i> )
<i>Eremocitrus</i> spp.
<i>Erica</i> spp
<i>Erigeron karvinskianus</i> (= <i>Erigeron mucronatus</i> = <i>Vittadinia triloba</i> )
<i>Eriobotrya japonica</i>
<i>Erythrina variegata</i> (= <i>E. indica</i> )
<i>Eucalyptus</i> spp.
<i>Eugenia brasiliensis</i> (= <i>E. dombeyi</i> ), <i>E. uniflora</i>
<i>Euphoria longan</i> ( <i>Nephelium longan</i> , <i>Dimocarpus longan</i> )
<i>Euphorbia cyathophora</i> , <i>E. esula</i> , <i>E. heterophylla</i> , <i>E. hirta</i> , <i>E. hypericifolia</i> (= <i>Chamaesyce hypericifolia</i> ), <i>E. lathyris</i>
<i>Evodia fraxifolia</i>
<b>F</b>
<i>Fargesia</i> spp.
<i>Falcataria moluccana</i> (= <i>Albizzia moluccana</i> , <i>Paraserianthes falcataria</i> )
<i>Fallopia japonica</i> (= <i>Polygonum cuspidatum</i> , <i>Reynoutria japonica</i> )
<i>Feroniella lucida</i> (= <i>Feronia lucida</i> )
<i>Festuca glauca</i> , <i>F. rubra</i> , <i>F. ovina</i>
<i>Ficus benghalensis</i> , <i>F. rubiginosa</i>
<i>Fimbristylis littoralis</i>
<i>Flacourtia jangomas</i> , <i>F. rukam</i> , <i>F. indica</i>
<i>Flemingia macrophylla</i> , <i>F. strobilifera</i> (= <i>Mohaganian strobilifera</i> )
<i>Flindersia brayleyana</i>
<i>Fraxinus uhdei</i>
<i>Fuchsia boliviana</i> , <i>F. magellanica</i>
<i>Furcraea foetida</i> (= <i>F. gigantea</i> , <i>Agave foetida</i> ), <i>F. guatemalensis</i> , <i>F. hexapetala</i> (= <i>F. cubensis</i> )

<b>G</b>
<i>Gaura lindheimeri</i>
<i>Gahnia</i> spp
<i>Gossypium</i> spp
<i>Genista spartioides</i>
<i>Gleditsia australis</i>
<i>Gmelina elliptica</i> (= <i>G. asiatica</i> ), <i>G. hystrix</i> (= <i>G. philippensis</i> )
<i>Gnetum gnemon</i>
<i>Gomphocarpus fruticosus</i>
<i>Grevillea banksii</i> , <i>G. robusta</i>
<i>Gunnera manicata</i>
<i>Gymnocoronis spilanthoides</i>
<b>H</b>
<i>Haematoxylum campechianum</i>
<i>Hakea drupacea</i> (= <i>H. suaveolens</i> ), <i>H. gibbosa</i> , <i>H. laurina</i> , <i>H. salicifolia</i> , <i>H. sericea</i>
<i>Halleria lucida</i>
<i>Harrisia martinii</i>
<i>Harungana madagascariensis</i>
<i>Hedera</i> spp
<i>Hedychium coronarium</i> , <i>H. flavescens</i> , <i>H. gardnerianum</i> , <i>H. coccineum</i>
<i>Helianthus</i> flowers
<i>Helictotrichon sempervirens</i>
<i>Heliocarpus popayanensis</i>
<i>Heliotropium indicum</i>
<i>Hemigraphis alternata</i> (= <i>H. colorata</i> ), <i>H. exotica</i> , <i>H. repanda</i>
<i>Heterocentron elegans</i> , <i>H. subtripplinervium</i>
<i>Heteropogon contortus</i>
<i>Heteropyxis natalensis</i>
<i>Hibanobambusa</i> spp.
<i>Hiptage benghalensis</i>
<i>Holcus lanatus</i>
<i>Homalanthus populifolius</i>
<i>Houttuynia cordata</i>
<i>Hura crepitans</i>
<i>Hydrilla verticillata</i>
<i>Hydrocotyle ranunculoides</i> , <i>H. verticillata</i>
<i>Hygrophila corymbosa</i> (= <i>Nomaphila corymbosa</i> ), <i>H. polysperma</i>
<i>Hylocereus triangularis</i> , <i>H. undatus</i>
<i>Hymenachne amplexicaulis</i>
<i>Hypericum calycinum</i> , <i>H. canariense</i> , <i>H. perforatum</i>
<i>Hypochoeris radicata</i>
<i>Hypoestes phyllostachya</i>
<i>Hyptis pectinata</i>
<b>I</b>
<i>Ilex aquifolium</i> , <i>I. mitis</i> (= <i>Ilex capensis</i> )
<i>Imperata cylindrica</i>
<i>Indigofera suffruticosa</i>
<i>Indocalamus</i> spp.
<i>Indosasa</i> spp.
<i>Ipomea aquatica</i> , <i>I. alba</i> , <i>I. cairica</i> , <i>I. carnea</i> , <i>I. coccinea</i> , <i>I. indica</i> , <i>I. lobata</i> , <i>I. ochracea</i> , <i>I.</i>



<i>batatas</i>
<i>Ischaemum polystachyum</i> , <i>I. rugosum</i> , <i>I. timorense</i>
<b>J</b>
<i>Jacquemontia pentanthos</i> (= <i>Jacquemontia pentantha</i> , <i>J. violacea</i> , <i>J. canescens</i> )
<i>Jasminum fluminense</i> , <i>J. bignoniaceum</i> (= <i>J. wallichianum</i> , <i>J. humile</i> ), <i>J. polyanthum</i>
<i>Jatropha curcas</i> , <i>J. gossypifolia</i>
<i>Justicia carnea</i> , <i>J. betonica</i> , <i>J. gendarussa</i> , <i>J. nodosa</i> (= <i>Dianthea nodosa</i> ), <i>J. aurea</i>
<b>K</b>
<i>Kalanchoe pinnata</i> (= <i>Bryophyllum pinnatum</i> )
<i>Killinga brevifolia</i> , <i>K. elata</i> (syn <i>K. polyphylla</i> ), <i>K. nemoralis</i>
<i>Kochia scoparia</i>
<i>Kortalsia</i> spp.
<b>L</b>
<i>Lagarosiphon</i> spp.
<i>Lagurus ovatus</i>
<i>Lantana camara</i> , <i>L. montevidensis</i>
<i>Lawsonia inermis</i>
<i>Lemna minor</i>
<i>Leonitis leonurus</i> , <i>L. nepetifolia</i>
<i>Leptospermum scoparium</i>
<i>Lespedeza cuneata</i>
<i>Ligustrum robustum</i> , <i>L. sinense</i>
<i>Limnocharis flava</i>
<i>Limnophila</i> spp.
<i>Liriope platyphylla</i> , <i>L. spicata</i>
<i>Litsea glutinosa</i> , <i>L. monopetala</i>
<i>Litchi chinensis</i>
<i>Lobularia maritima</i> (= <i>Alyssum maritimum</i> )
<i>Lolium multiflorum</i> , <i>L. perenne</i>
<i>Lonicera confusa</i> , <i>L. japonica</i>
<i>Lophophora williamsii</i>
<i>Lotus corniculatus</i>
<i>Ludwigia peruviana</i> , <i>L. hexapetala</i> , <i>L. octovalvis</i>
<i>Lycium barbarum</i> , <i>L. chinense</i> , <i>L. ferocissimum</i>
<i>Lygodium japonicum</i>
<i>Lysichiton americanus</i>
<i>Lysimachia nummularia</i>
<i>Lythrum hyssopifolia</i> , <i>L. salicaria</i>
<b>M</b>
<i>Macroptilium lathyroides</i>
<i>Macfadyena unguis-cati</i> (= <i>Doxantha unguis-cati</i> )
<i>Machaerina</i> spp. ( <i>Baumea</i> spp.)
<i>Manihot glaziovii</i> , <i>M. esculenta</i>
<i>Mangifera indica</i>
<i>Medinilla candidum</i> , <i>M. cumingi</i> , <i>M. magnifica</i> , <i>M. myriantha</i> , <i>M. venosa</i>
<i>Melaleuca leucadendra</i> , <i>M. quinquenervia</i>
<i>Melastoma candidum</i>
<i>Melia azedarach</i>

<i>Melilotus officinalis</i>
<i>Mellilocca bijuga</i>
<i>Melochia umbellata</i>
<i>Melinis minutiflora</i>
<i>Memecylon caeruleum</i>
<i>Merremia peltata</i> , <i>M. tuberosa</i>
<i>Metrosideros excelsa</i> , <i>M. kermadecensis</i> , <i>M. queenslandica</i> ( <i>Thaleropia queenslandica</i> ), <i>M. villosus</i> var <i>tahiti</i>
<i>Miconia calvescens</i> (= <i>M. magnifica</i> ), <i>M. nervosa</i> , <i>M. racemosa</i>
<i>Mikania micrantha</i> , <i>M. cordata</i>
<i>Milletia pinnata</i> (= <i>Pongamia pinnata</i> )
<i>Mimosa diplotricha</i> (= <i>M. invisa</i> ), <i>M. pigra</i> , <i>M. pudica</i>
<i>Miscanthus floridulus</i> , <i>M. sinensis</i>
<i>Molinia caerulea</i>
<i>Momordica charantia</i> , <i>M. cochinchinensis</i>
<i>Monochoria hastata</i> , <i>M. vaginalis</i>
<i>Montanoa hibiscifolia</i>
<i>Morella faya</i>
<i>Mucuna pruriens</i>
<i>Muntingia calabura</i>
<i>Murdannia keisak</i> , <i>M. nudiflora</i>
<i>Murraya paniculata</i> , <i>M. koenigii</i>
Musaceae flowers and leaves
<i>Myoporum parvifolium</i>
<i>Myriophyllum aquaticum</i> , <i>M. heterophyllum</i>
Myrtaceae flowers and leaves
<b>N</b>
<i>Najas</i> spp.
<i>Nassella leucotricha</i> , <i>N. neesiana</i> , <i>N. tenuissima</i> (= <i>Stipa tenuissima</i> ), <i>N. trichotoma</i> , <i>N. charruana</i>
<i>Nepeta cataria</i>
<i>Nephelium lappaceum</i>
<i>Nymphaea odorata</i>
<i>Nymphoides indica</i> , <i>N. cristata</i> , <i>N. peltata</i>
<b>O</b>
<i>Ochna kirkii</i> (= <i>O. thomasiana</i> ), <i>O. serrulata</i> (= <i>O. multiflora</i> )
<i>Ochroma pyramidale</i> (= <i>O. lagopus</i> )
<i>Odontonema strictum</i> (= <i>O. cuspidatum</i> , <i>O. tubaeforme</i> )
<i>Ocimum gratissimum</i>
<i>Oenanthemimipimpinelloides</i>
<i>Olea europaea</i> subsp <i>cuspidata</i> (African wild olive)
<i>Oncocalamus</i> spp.
<i>Opuntia aurantiaca</i> , <i>O. cordobensis</i> , <i>O. ficus-indica</i> (= <i>O. vulgaris</i> ), <i>O. stricta</i>
<i>Oryza sativa</i>
<i>Ossaea marginata</i>
<i>Otatea acuminata</i> (= <i>Arthrostyidium longifolium</i> )
<i>Ottelia alismoides</i>
<i>Oxalis corniculata</i> , <i>O. corymbosa</i> , <i>O. deppei</i> ,

<i>O. tetraphylla</i>
<i>Oxyspora paniculata</i>
<b>P</b>
<i>Paederia foetida</i> (= <i>P. scandens</i> )
<i>Pamburus</i> spp.
<i>Pandorea pandorana</i> ( <i>Bignonia pandorana</i> )
<i>Panicum repens</i>
<i>Paspalum conjugatum</i> , <i>P. dilatatum</i> , <i>P. distichum</i> , <i>P. notatum</i> , <i>P. paniculatum</i> , <i>P. urvillei</i> , <i>P. vaginatum</i>
<i>Passiflora cerulea</i> , <i>P. foetida</i> , <i>P. incarnata</i> , <i>P. laurifolia</i> , <i>P. ligularis</i> , <i>P. maliformis</i> , <i>P. mollissima</i> , <i>P. quadrangularis</i> , <i>P. rubra</i> , <i>P. suberosa</i>
<i>Paulownia fortunei</i> , <i>P. tomentosa</i>
<i>Parkinsonia aculeata</i>
<i>Parthenium hysterophorus</i>
<i>Parthenocissus tricuspidata</i> , <i>P. quinquefolia</i>
<i>Pennisetum alopecunoides</i> , <i>P. orientale</i> , <i>P. polystachion</i> , <i>P. pedicellatum</i> , <i>P. ruppellianum</i> , <i>P. setaceum</i> , <i>P. villosum</i>
<i>Pereskia aculeata</i>
<i>Persea americana</i>
<i>Pentalinon luteum</i>
<i>Phlogacanthus turgidus</i>
<i>Phormium tenax</i>
<i>Phragmites australis</i> (= <i>Phragmites communis</i> , <i>Arundo phragmites</i> , <i>A. australis</i> )
<i>Punica granatum</i>
<i>Phyla nodiflora</i>
<i>Phyllostachys</i> spp.
<i>Phyllanthus emblica</i> (= <i>Embllica officinalis</i> )
<i>Phytolacca dioica</i>
<i>Physalis alkekengi</i>
<i>Pimenta dioica</i>
<i>Pinus canariensis</i> , <i>P. nigra</i> , <i>P. patula</i> , <i>P. pentaphylla</i> , <i>P. pinaster</i> , <i>P. radiata</i> , <i>P. thunbergii</i>
<i>Piper aduncum</i> , <i>P. auritum</i>
<i>Pistia stratiotes</i>
<i>Pithecellobium dulce</i>
<i>Pittosporum undulatum</i>
<i>Pleiblastus</i> spp.
<i>Pluchea indica</i> , <i>P. odorata</i> (= <i>P. caroliniensis</i> , <i>P. symphytyfolia</i> )
<i>Poa pratensis</i>
<i>Polygala paniculata</i>
<i>Polygonum capitatum</i>
<i>Pontederia rotundifolia</i> , <i>P. cordata</i>
<i>Portulaca oleracea</i>
<i>Potamogeton crispus</i> , <i>P. malaianus</i>
<i>Prosopis glandulosa</i> , <i>P. juliflora</i> , <i>P. pallida</i>
<i>Prunus cerasifera</i> 'Pissardii'
<i>Pseudelephantopus spicatus</i>
<i>Pseudosasa</i> spp.
<i>Psidium guajava</i> (sauf variétés fruitières cultivées), <i>P. cattleianum</i> , <i>P. guineense</i> , <i>P.</i>

<i>friedrichsthalianum</i>
<i>Pteridium aquilinum</i>
<i>Pterocarpus indicus</i>
<i>Ptychosperma macarthurii</i>
<i>Pueraria montana</i> var. <i>lobata</i> (= <i>P. lobata</i> ), <i>P. phaseoloides</i>
<i>Punica granatum</i>
<i>Pycneus polystachyos</i>
<i>Pyracantha</i> spp.
<i>Pyrostegia venusta</i>
<b>R</b>
<i>Ravenala madagascariensis</i>
<i>Rhizophora mangle</i> , <i>R. stylosa</i>
<i>Rhodomyrtus tomentosa</i>
<i>Rhus longipes</i> , <i>Rhus typhina</i> (= <i>Rhus hirta</i> )
<i>Riccia fluitans</i>
<i>Ricinus communis</i>
<i>Rivina humilis</i>
<i>Robinia pseudoacacia</i>
<i>Rosa canina</i>
<i>Rubus alceifolius</i> , <i>R. argutus</i> , <i>R. ellipticus</i> (= <i>R. penetrans</i> ), <i>R. glaucus</i> , <i>R. mollucanus</i> , <i>R. nivalis</i> (= <i>R. niveus</i> ), <i>R. rosifolius</i>
<i>Ruellia brevifolia</i> , <i>R. makoyana</i> , <i>R. prostata</i>
<i>Rynchelytrum repens</i> (= <i>Melinis repens</i> )
<b>S</b>
<i>Sacciolepis indica</i>
<i>Saccharum officinarum</i>
<i>Sagittaria natans</i> , <i>S. guyanensis</i> , <i>S. sagittifolia</i>
<i>Salix alba</i> , <i>S. babylonica</i> , <i>S. cinerea</i> , <i>S. fragilis</i> , <i>S. nigra</i> , <i>S. purpurea</i> , <i>S. viminalis</i>
<i>Salvia coccinea</i> , <i>S. divinorum</i> , <i>S. sclarea</i>
<i>Salvinia biloba</i> , <i>S. herzogii</i> , <i>S. molesta</i> , <i>S. natans</i>
<i>Sambucus nigra</i> ( <i>S. canadensis</i> , <i>S. mexicana</i> )
<i>Sanchezia parvibracteata</i> , <i>S. speciosa</i>
<i>Sandoricum koetjape</i> (= <i>Azedarach edulis</i> , <i>Melia koetjape</i> )
<i>Sannantha</i> spp.
<i>Sansevieria trifasciata</i>
<i>Salsola tragus</i>
<i>Saritaea magnifica</i>
<i>Sasa</i> spp.
<i>Sasaella</i> spp.
<i>Scaevola frutescens</i>
<i>Schefflera actinophylla</i>
<i>Schinus molle</i> , <i>S. terebinthifolius</i>
<i>Securigera varia</i> (= <i>Coronilla varia</i> )
<i>Sedum telephium</i>
<i>Semiarundinaria</i> spp.
<i>Senecio madagascariensis</i>
<i>Senna alata</i> , <i>S. surattensis</i> ( <i>Cassia surattensis</i> , <i>C. glauca</i> ), <i>S. tora</i> (= <i>C. obtusifolia</i> )



<i>Sesbania punicea</i>
<i>Setaria palmifolia</i>
<i>Shibatea</i> spp.
<i>Sida acuta</i> , <i>S. cordifolia</i> , <i>S. rhombifolia</i>
<i>Sinobambusa</i> spp.
<i>Solanum linneaeum</i> , <i>S. mauritianum</i> (= <i>S. auriculatum</i> ), <i>S. pseudocapsicum</i> , <i>S. seforthianum</i> , <i>S. torvum</i> , <i>S. elaeagnifolium</i> , <i>S. nigrum</i>
<i>Sonchus arvensis</i> , <i>S. oleraceus</i>
<i>Sorbus</i> spp.
<i>Spartium junceum</i>
<i>Spathodea campanulata</i>
<i>Spermacoce alata</i>
<i>Sphaeropteris</i> spp (= <i>Cyathea</i> spp)
<i>Sphagneticola trilobata</i> (= <i>Wedelia trilobata</i> )
<i>Spiraea x billardii</i> (= <i>Spiraea alba</i> x <i>Spiraea douglasii</i> ), <i>Spiraea x thunbergii</i>
<i>Spirodela polyrhiza</i>
<i>Spondias</i> spp.
<i>Sporobolus indicus</i> , <i>S. africanus</i> , <i>S. fertilis</i> , <i>S. jacquemontii</i> , <i>S. pyramidalis</i> , <i>S. natalensis</i>
<i>Stachytarpheta cayennensis</i> , <i>S. jamaicensis</i> , <i>S. urticifolia</i>
<i>Stenotaphrum secundatum</i>
<i>Stictocardia macalusoii</i> , <i>S. beraviensis</i> , <i>S. tilifolia</i>
<i>Stranvaesia</i> spp.
<i>Stratiotes aloides</i>
<i>Strobilanthes hamiltoniana</i> (= <i>Difflugosa colorata</i> , <i>Ruellia hamiltoniana</i> )
<i>Synedrella nodiflora</i>
<i>Syngonium podophyllum</i>
<i>Symphytum x uplandicum</i> (= <i>Symphytum officinale</i> x <i>Symphytum asperum</i> )
<i>Syzygium australe</i> , <i>S. campanulatum</i> , <i>S. cumini</i> , <i>S. floribundum</i> , <i>S. jambos</i>
<b>T</b>
<i>Tabebuia pallida</i> ( <i>T. heterophylla</i> )
<i>Tagetes minuta</i>
<i>Tamarix aphylla</i> , <i>T. gallica</i> , <i>T. ramossissima</i>
<i>Tecoma smithii</i> , <i>T. stans</i>
<i>Tephrosia candida</i> , <i>T. purpurea</i>
<i>Tetrapanax papyferum</i>
<i>Tetrastigma vainierianum</i>
<i>Themeda quadrivalvis</i> , <i>T. villosa</i>
<i>Thamnochortus insignis</i>
<i>Thevetia peruviana</i>
<i>Theobroma</i> spp.
<i>Thunbergia alata</i> , <i>T. fragrans</i> , <i>T. grandiflora</i> ,

<i>T. laurifolia</i> , <i>T. mysorensis</i>
<i>Tibouchina granulosa</i> , <i>T. herbacea</i> , <i>T. lepidota</i> , <i>T. longifolia</i> , <i>T. urvilleana</i> , <i>T. viminea</i>
<i>Timonius timon</i>
<i>Tipuana tipu</i> ( <i>Tipuana tipa</i> , <i>Tipuana speciosa</i> )
<i>Tithonia diversifolia</i> , <i>T. rotundifolia</i> (= <i>T. speciosa</i> )
<i>Toona ciliata</i> , <i>T. sinensis</i> (= <i>Cedrella sinensis</i> )
<i>Torenia asiatica</i> , <i>T. fournieri</i> , <i>T. glabra</i>
<i>Tradescantia spathacea</i> (= <i>T. discolor</i> , <i>Rhoeo discolor</i> ), <i>T. zebrina</i> (= <i>Zebrina pendula</i> ), <i>T. andersoniana</i> ( <i>T. virginiana</i> )
<i>Trapa japonica</i> , <i>T. natans</i>
<i>Trema micrantha</i>
<i>Tribulus cistoide</i> , <i>T. terrestris</i>
<i>Tridax procumbens</i>
<i>Triphasia</i> spp.
<i>Triplaris weigeltiana</i> (= <i>T. surinamensis</i> )
<i>Triumfetta rhomboidea</i>
<i>Turbina corymbosa</i>
<i>Turnera ulmifolia</i>
<i>Typha angustata</i> , <i>T. domingensis</i> , <i>T. latifolia</i> , <i>T. orientalis</i>
<b>U</b>
<i>Ugni molinae</i> (= <i>Myrtus ugni</i> = <i>Eugenia ugni</i> ), <i>U. myricoides</i>
<i>Ulex europaeus</i>
<i>Urena lobata</i>
<i>Urtica dioica</i> , <i>U. urens</i>
<b>V</b>
<i>Vallisneria americana</i> , <i>V. asiatica</i>
<i>Verbascum thapsus</i>
<i>Verbena bonariensis</i> , <i>V. littoralis</i>
<i>Vanilla</i> spp
<i>Viburnum opulus</i> , <i>V. odoratissimum</i>
<i>Vitex agnus-castus</i> , <i>V. trifolia</i>
<b>W</b>
<i>Walteria indica</i>
<i>Waterhousea floribunda</i> (= <i>Syzygium floribundum</i> )
<i>Wilkstroemia indica</i>
<i>Wisteria sinensis</i>
<b>X</b>
<i>Xanthium pungens</i> , <i>X. strumarium</i>
<i>Xanthosoma</i> spp
<b>Z</b>
<i>Zizyphus mauritiana</i>

## Appendix 2 Allowed Plants for Planting and Reproduction

### List of plants for which importation with the purpose of planting and

## multiplication is permitted

<b>Species</b>	<b>Family</b>	<b>Permitted forms</b>
<i>Abelia</i> spp.	Caprifoliaceae	Seeds and plants
<i>Abelmoschus moschatus</i>		Seeds and plants
<i>Abromeitiella</i> spp.	Bromeliaceae	Seeds and plants
<i>Abutilon</i> spp.	Malvaceae	Seeds and plants
<i>Acaena microphylla</i>	Rosaceae	Seeds and plants
<i>Acalypha</i> spp.	Euphorbiaceae	Seeds and plants
<i>Acanthocalycium</i> spp.	Cactaceae	Seeds and plants
<i>Acanthostachys</i> spp.	Bromeliaceae	Seeds and plants
<i>Acanthus ilicifolius</i> , <i>A. Mollis</i>	Acanthaceae	Seeds and plants
<i>Acer</i> spp.	Aceraceae	Seeds
<i>Acidanthera bicolor</i> (= <i>Gladiolus murielae</i> )	Iridaceae	Seeds and Bulbs/rhizomes
<i>Achyranthes carminata</i> , <i>A. lindenii</i>	Amaranthaceae	Seeds and plants
<i>Acorus pusillus</i> , <i>A. gramineus</i>	Acoraceae	Seeds and plants
<i>Acroclinium roseum</i>	Asteraceae	Seeds and plants
<i>Acrostichum aureum</i>	Pteridaceae	Seeds and plants
<i>Adansonia</i> spp.	Bombacaceae	Seeds
<i>Acrodon bellidiflorus</i> , <i>A. deminutus</i> , <i>A. duplessiae</i> , <i>A. subulatus</i> (= <i>A. Acrodon leptophyllus</i> , <i>Mesembryanthemum bellidiflorum</i> , <i>Mesembryanthemum bellidiflorum</i> . var. <i>subulatum</i> , <i>Mesembryanthemum subulatum</i> , <i>Ruschia leptophylla</i> ), <i>A. parviflorus</i> , <i>A. purpureostylus</i> , <i>A. quarcicola</i>	Aizoaceae	Seeds and plants
<i>Adenia glauca</i> , <i>A. goetzei</i> , <i>A. heterophylla</i> , <i>A. lindenii</i> , <i>A. cladosepala</i> , <i>A. ovata</i> , <i>A. racemosa</i> , <i>A. sphaerocarpa</i>	Passifloraceae	Seeds and plants
<i>Adenium</i> spp.	Apocynaceae	Seeds and plants
<i>Adiantum</i> spp.	Pteridaceae	Seeds and plants
<i>Adonis aestivalis</i>	Ranunculaceae	Seeds and plants
<i>Adromischus</i> spp.	Crassulaceae	Seeds and plants
<i>Aechmea</i> spp.	Bromeliaceae	Seeds and plants
<i>Aegagropila linnaei</i> (= <i>Cladophora aegagropila</i> )	Cladophoraceae	Seeds and plants
<i>Aeollanthus subacaulis</i> v. <i>subacaulis</i>	Lamiaceae	Seeds and plants
<i>Aeonium</i> spp.	Crassulaceae	Seeds and plants
<i>Aeschynanthus</i> spp.	Gesneriaceae	Seeds and plants
<i>Aesculus hippocastanum</i>	Hippocastanaceae	Seeds and plants
<i>Afgekia sericea</i> , <i>A. mahidolae</i>	Fabaceae	Seeds and plants
<i>Aframomum melegueta</i> (= <i>Amomum melegueta</i> ), <i>A. citratum</i>	Zingiberaceae	Seeds and plants
<i>Agapanthus</i> spp.	Liliaceae	Seeds and Bulbs/rhizomes
<i>Agastache aurantiaca</i> , <i>A. rugosa</i> , <i>A. anisata</i> (= <i>Agastache foeniculum</i> )	Lamiaceae	Seeds and plants
<i>Aglaia psilopetala</i>	Meliaceae	Seeds and plants
<i>Aglaonema</i> spp.	Araceae	Seeds and plants
<i>Agrostemma githago</i>	Caryophyllaceae	Seeds and plants

<i>Aichryson</i> spp.	Crassulaceae	Seeds and plants
<i>Alcantarea</i> spp.	Bromeliaceae	Seeds and plants
<i>Alcea rosea</i> , <i>A. ficifolia</i>	Malvaceae	Seeds and plants
<i>Allamanda</i> spp.	Apocynaceae	Seeds and plants
<i>Allium</i> spp.	Alliaceae	Seeds and Bulbs/rhizomes
<i>Alluaudia</i> spp.	Didiereaceae	Seeds and plants
<i>Aloe</i> spp.	Liliaceae	Seeds and plants
<i>Aloinopsis</i> spp.	Aizoaceae	Seeds and plants
<i>Aloysia triphylla</i> (= <i>Aloysia citriodora</i> )	Verbenaceae	Seeds
<i>Alnus incana</i>	Betulaceae	Seeds and plants
<i>Alpinia calcarata</i> , <i>A. galanga</i> , <i>A. officinarum</i> , <i>A. purpurata</i>	Zingiberaceae	Seeds and plants
<i>Alstroemeria</i> spp.	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Alyssum saxatile</i>	Brassicaceae	Seeds and plants
<i>Amaranthus caudatus</i> , <i>A. gangeticus</i> , <i>A. hypochondriacus</i> , <i>A. mangostanus</i> , <i>A. paniculatus</i> , <i>A. tricolor</i>	Amaranthaceae	Seeds and plants
<i>Amelanchier ovalis</i>	Rosaceae	Seeds and plants
<i>Amherstia nobilis</i>	Fabaceae	Seeds and plants
<i>Ammannia senegalensis</i> , <i>A. zamples</i>	Lythraceae	Seeds and plants
<i>Ammi visnaga</i> (= <i>Visnaga daucooides</i> )	Apiaceae	Seeds
<i>Ammobium alatum</i>	Asteraceae	Seeds and plants
<i>Ammocharis coranica</i> , <i>A. longifolia</i>	Amaryllidaceae	Seeds and plants
<i>Amomum cardamomum</i> (= <i>Elettaria cardamomum</i> ), <i>A. dimorphum</i> (= <i>Alpinia polycarpa</i> )	Zingiberaceae	Seeds and plants
<i>Amorphophallu</i> spp.	Araceae	Seeds and Bulbs/rhizomes
<i>Anacampseros</i> spp.	Portulacaceae	Seeds and plants
<i>Anacyclus pyrethrum</i> var. <i>depressus</i>	Asteraceae	Seeds and plants
<i>Ananas</i> spp.	Bromeliaceae	In vitro culture
<i>Anchusa italica</i> , <i>A. capensis</i>	Boraginaceae	Seeds and plants
<i>Androlepis skinneri</i>	Bromeliaceae	Seeds and plants
<i>Anemone coronaria</i> , <i>A. sylvestris</i>	Ranunculaceae	Seeds and Bulbs/rhizomes
<i>Anemopaegma chamberlaynii</i>	Bignoniaceae	Seeds and plants
<i>Anethum graveolens</i>	Apiaceae	Seeds
<i>Angelonia</i> spp.	Scrophulariaceae	Seeds and plants
<i>Angophora</i> spp.	Myrtaceae	Seeds
<i>Anigozanthos</i> spp.	Amaryllidaceae	Seeds and plants
<i>Annona muricata</i> , <i>A. cherimola</i> , <i>A. reticulata</i> , <i>A. squamosa</i>	Annonaceae	Seeds
<i>Anthemis nobilis</i> (= <i>Chamaemelum nobile</i> ), <i>A. tinctoria</i>	Asteraceae	Seeds and plants
<i>Anthriscus cerefolium</i>	Apiaceae	Seeds
<i>Anthurium</i> spp.	Araceae	Seeds and plants
<i>Antirrhinum</i> spp.	Scrophulariaceae	Seeds and plants
<i>Anubias barteri</i> , <i>A. congensis</i> , <i>A. gracilis</i> , <i>A. lanceolata</i> , <i>A. nana</i>	Araceae	Seeds and plants
<i>Aphelandra squarrosa</i>	Acanthaceae	Seeds and plants
<i>Apium graveolens</i>	Apiaceae	Seeds

<i>Aponogeton</i> spp.	Aponogetonaceae	Seeds and plants
<i>Aporocactus flagelliformis</i>	Cactaceae	Seeds and plants
X <i>Aporophyllum</i>	Cactaceae	Seeds and plants
<i>Aquilegia</i> spp.	Ranunculaceae	Seeds and plants
<i>Arabis alpina</i>	Brassicaceae	Seeds and plants
<i>Arbutus unedo</i>	Ericaceae	Seeds and plants
<i>Arctotis grandis</i> , <i>Arctotis venusta</i>	Asteraceae	Seeds and plants
<i>Arecaceae</i> sauf genres <i>Cocos</i> spp., <i>Calamus</i> spp., <i>Oncocalamus</i> spp., <i>Daemonorops</i> spp., <i>Kortalsia</i> spp.	Arecaceae	Seeds and plants
<i>Arenaria montana</i>	Caryophyllaceae	Seeds and plants
<i>Argyroderma</i> spp.	Aizoaceae	Seeds and plants
<i>Arisaema</i> spp.	Araceae	Seeds and plants
<i>Aristea ecklonii</i>	Iridaceae	Seeds and Bulbs/rhizomes
<i>Armeria maritima</i>	Plumbaginaceae	Seeds and plants
<i>Armoracia aquatica</i>	Brassicaceae	Seeds and plants
<i>Artabotrys hexapetalus</i> (= <i>A. odoratissimus</i> ), <i>A. uncinatus</i>	Annonaceae	Seeds and plants
<i>Artemisia dracunculus</i>	Asteraceae	Seeds and plants
<i>Arthrocereus</i> spp.	Cactaceae	Seeds and plants
<i>Arthropodium cirratum</i>	Asparagaceae	Seeds and plants
<i>Artocarpus</i> spp.	Moraceae	Root cuttings, Seeds
<i>Arum</i> spp.	Araceae	Seeds and Bulbs/rhizomes
<i>Asarina scandens</i>	Scrophulariaceae	Seeds and plants
<i>Asimina triloba</i>	Annonaceae	Seeds and plants
<i>Asperula orientalis</i>	Rubiaceae	Seeds and plants
<i>Asplenium</i> spp.	Aspleniaceae	Seeds and plants
<i>Aspidistra eliator</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Astilbe arendsii</i> , <i>A. chinensis</i> , <i>A. japonica</i>	Saxifragaceae	Seeds and plants
<i>Aster alpinus</i>	Asteraceae	Seeds and plants
<i>Astrantia major</i>	Apiaceae	Seeds and plants
<i>Astrophytum</i> spp.	Cactaceae	Seeds and plants
<i>Atriplex hortensis</i>	Chenopodiaceae	Seeds and plants
<i>Aubrieta</i> spp.	Brassicaceae	Seeds and plants
<i>Austromyrtus</i> spp.	Myrtaceae	Seeds
<i>Avena sativa</i>	Poaceae	Seeds
<i>Averrhoa carambola</i> , <i>A. bilimbi</i>	Oxalidaceae	Seeds and plants
<i>Axonopus affinis</i> , <i>A. compressus</i>	Poaceae	Seeds
<i>Azalea</i> spp.	Ericaceae	Seeds and plants
<i>Azara petiolaris</i>	Ericaceae	Seeds and plants
<i>Aztekium</i> spp.	Cactaceae	Seeds and plants
<i>Azureocereus hertlingianus</i> (= <i>Browningia hertlingiana</i> )	Cactaceae	Seeds and plants

<i>Babiana stricta</i>	Iridaceae	Seeds and Bulbs/rhizomes
<i>Baccaurea lanceolata</i> , <i>B. motleyana</i> , <i>B. ramiflora</i> (= <i>B. sapida</i> )	Euphorbiaceae	Seeds and plants
<i>Backhousia citriodora</i>	Myrtaceae	Seeds
<i>Bacopa amplexicaulus</i> , <i>B. caroliniana</i> , <i>B. monnieri</i> , <i>B. mygiophylloides</i>	Plantaginaceae	Seeds and plants
<i>Banksia coccinea</i> , <i>B. ericifolia</i>	Proteaceae	Seeds and plants
<i>Barbarea praecox</i> (= <i>Erysimum praecox</i> , <i>Barbarea verna</i> ), <i>B. rupicola</i>	Brassicaceae	Seeds
<i>Barclaya longifolia</i>	Nymphaeaceae	Seeds and plants
<i>Barringtonia edulis</i>	Lecythidaceae	Seeds and plants
<i>Basella alba</i> , <i>B. rubra</i>	Basellaceae	Seeds and plants
<i>Bauhinia x blakeana</i> (= <i>B. purpurea</i> x <i>B. variegata</i> ), <i>B. corymbosa</i> , <i>B. glabra</i> , <i>B. hookeri</i> , <i>B. kockiana</i> , <i>B. semibifida</i> , <i>B. sirindhorniae</i> , <i>B. vahlii</i> , <i>B. winitii</i> , <i>B. yunnanensis</i> , <i>B. semla</i> (= <i>Bauhinia retusa</i> , <i>Bauhinia roxburghiana</i> )	Fabaceae	Seeds and plants
<i>Beaucarnea recurvata</i>	Agavaceae	Seeds and plants
<i>Beaumontia grandiflora</i> , <i>B. jerdoniana</i> , <i>B. murtonii</i>	Apocynaceae	Seeds and plants
<i>Begonia</i> spp.	Begoniaceae	Seeds and plants
<i>Belamcanda chinensis</i>	Iridaceae	Seeds and Bulbs/rhizomes
<i>Bellis perennis</i>	Asteraceae	Seeds and plants
<i>Benincasa cerifera</i>	Cucurbitaceae	Seeds
<i>Berberis gracilis</i>	Berberidaceae	Seeds and plants
<i>Berchemia discolor</i>	Rhamnaceae	Seeds and plants
<i>Bergenia cordifolia</i>	Saxifragaceae	Seeds and plants
<i>Bertholletia excelsa</i>	Lecythidaceae	Seeds and plants
<i>Berzelia lanuginosa</i>	Bruniaceae	Seeds and plants
<i>Beta vulgaris</i>	Chenopodiaceae	Seeds
<i>Bignonia catalpa</i>	Bignoniaceae	Seeds and plants
<i>Bijlia</i> spp.	Aizoaceae	Seeds and plants
<i>Billbergia</i> spp.	Bromeliaceae	Seeds and plants
<i>Billardiera longiflora</i>	Pittosporaceae	Seeds and plants
<i>Bixa orellana</i>	Bixaceae	Seeds and plants
<i>Blechnum gibbum</i> , <i>B. discolor</i>	Blechnaceae	Seeds and plants

<i>Blyxa aubertei</i> , <i>B. japonica</i>	Hydrocharitaceae	Seeds and plants
<i>Boesenbergia pandurata</i>	Zingiberaceae	Seeds and Bulbs/rhizomes
<i>Bolbitis heteroclita</i> , <i>B. heudelotii</i>	Iomariopcidaceae	Seeds and plants
<i>Bolusanthus speciosus</i>	Fabaceae	Seeds and plants
<i>Bombax ceiba</i> (= <i>B. malabaricum</i> ), <i>Bombax glabrum</i> (= <i>Pachira aquatica</i> , <i>P. macrocarpa</i> )	Bombacaceae	Seeds
<i>Borrigo officinalis</i>	Boraginaceae	Seeds and plants
<i>Borojoa patinoi</i>	Rubiaceae	Seeds and plants
<i>Boronia</i> spp.	Rutaceae	Seeds and plants
<i>Boswellia</i> spp.	Burseraceae	Seeds and plants
<i>Bothriochloa insculpta</i>	Poaceae	Seeds
<i>Bougainvillea</i> spp.	Nyctaginaceae	Seeds and plants
<i>Bouea macrophylla</i> (= <i>B. gandaria</i> )	Anacardiaceae	Seeds
<i>Bowiea volubilis</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Brachiaria brizantha</i> (= <i>Urochloa brizantha</i> ), <i>B. decumbens</i> , <i>B. humidicola</i> , <i>B. mutica</i> , <i>B. ruziensis</i>	Poaceae	Seeds
<i>Brachychiton</i> spp.	Sterculiaceae	Seeds and plants
<i>Brachycome</i> spp.	Asteraceae	Seeds and plants
<i>Brassica chinensis</i> , <i>B. juncea</i> , <i>B. napus</i> , <i>B. oleracea</i>	Brassicaceae	Seeds
<i>Breynia disticha</i>	Euphorbiaceae	Seeds and plants
<i>Brighamia insignis</i>	Campanulaceae	Seeds and plants
<i>Bromelia</i> spp.	Bromeliaceae	Seeds and plants
<i>Bromus rubens</i>	Poaceae	Seeds
<i>Broussonetia papyrifera</i>	Moraceae	Seeds and plants
<i>Browallia speciosa</i>	Solanaceae	Seeds and plants
<i>Brownea coccinea</i> , <i>B. grandiceps</i> , <i>B. macrophylla</i>	Fabaceae	Seeds and plants
<i>Brugmansia aurea</i> , <i>B. sanguinea</i> , <i>B. vulcanicola</i> , <i>B. x hybrida</i>	Solanaceae	Seeds and plants
<i>Brunfelsia latifolia</i> , <i>B. pauciflora</i> , <i>B. americana</i> , <i>B. australis</i>	Solanaceae	Seeds and plants
<i>Buchloe dactyloides</i> (= <i>Bouteloua dactyloides</i> )	Poaceae	Seeds
<i>Buckinghamia celsissima</i>	Proteaceae	Seeds and plants
<i>Bunchosia argentea</i>	Malpighiaceae	Seeds and plants
<i>Burckella fijiensis</i>	Sapotaceae	Seeds and plants
<i>Bursera fagaroides</i> , <i>B. filicifolia</i> , <i>B. microphylla</i>	Burseraceae	Seeds and plants



<i>Butea monosperma</i> (= <i>Butea frondosa</i> )	Fabaceae	Seeds and plants
<i>Buxus sempervirens</i>	Buxaceae	Seeds and plants
<i>Byrsonima crassifolia</i>	Malpighiaceae	Seeds and plants
<i>Cajanus cajan</i>	Fabaceae	Seeds
<i>Caladium</i> spp.	Araceae	Seeds and plants
<i>Calathea</i> spp.	Marantaceae	Seeds and plants
<i>Calatola costaricensis</i>	Icacinaceae	Seeds and plants
<i>Calceolaria</i> x <i>herbeohybrida</i> (= <i>C. crenatiflora</i> x <i>C. corymbosa</i> x <i>C. cana</i> )	Scrophulariaceae	Seeds and plants
<i>Calendula</i> spp.	Asteraceae	Seeds and plants
<i>Calia secundiflora</i> (= <i>Sophora secundiflora</i> )	Fabaceae	Seeds and plants
<i>Calibanus hookeri</i>	Agaveaceae	Seeds and plants
<i>Callistemon</i> spp.	Myrtaceae	Seeds
<i>Callistephus chinensis</i>	Asteraceae	Seeds and plants
<i>Calocedrus macrolepis</i>	Cupressaceae	Seeds
<i>Calochortus superbus</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Calothamnus quadrifidus</i>	Myrtaceae	Seeds
<i>Calophyllum inophyllum</i>	Clusiaceae	Seeds and plants
<i>Calycanthus floridus</i>	Calycanthaceae	Seeds and plants
<i>Camelia</i> spp.	Theaceae	Seeds and plants
<i>Campanula carpatia</i> , <i>C. longistyla</i>	Campanulaceae	Seeds and plants
<i>Cananga odorata</i>	Annonaceae	Seeds and plants
<i>Canarium indicum</i> , <i>C. harveyi</i>	Burseraceae	Seeds and plants
<i>Canavalia ensiformis</i> , <i>C. gladiata</i> , <i>C. lineata</i>	Fabaceae	Seeds and plants
<i>Canistropsis</i> spp.	Bromeliaceae	Seeds and plants
<i>Canistrum lindenii</i>	Bromeliaceae	Seeds and plants
<i>Canna</i> spp.	Cannaceae	Seeds and plants
<i>Capsicum</i> spp.	Solanaceae	Seeds
<i>Caralluma</i> spp.	Asclepiadaceae	Seeds and plants
<i>Cardamine lyrata</i>	Brassicaceae	Seeds and plants
<i>Carex trifida</i>	Cyperaceae	Seeds and plants
<i>Carica</i> spp.	Caricaceae	Seeds
<i>Carissa macrocarpa</i> , <i>C. carandas</i>	Apocynaceae	Seeds and plants
<i>Carruanthus ringens</i> (= <i>Mesembryanthemum ringens</i> , <i>Mesembryanthemum caninum</i> , <i>Carruanthus caninus</i> , <i>Bergeranthus caninus</i> ), <i>C. peersii</i>	Aizoaceae	Seeds and plants
<i>Carthamus tinctorius</i>	Asteraceae	Seeds and plants
<i>Carum</i> spp.	Apiaceae	Seeds and plants
<i>Carya pecan</i>	Juglandaceae	Seeds and plants
<i>Casimiroa edulis</i>	Rutaceae	Seeds and plants

<i>Cassia bakeriana</i> , <i>C. fistula</i> , <i>C. grandis</i> , <i>C. javanica</i> , <i>C. roxburghii</i>	Fabaceae	Seeds and plants
<i>Cassia rotundifolia</i> (= <i>Chamaecrista rotundifolia</i> )	Fabaceae	Seeds
<i>Castanospermum australe</i>	Fabaceae	Seeds and plants
<i>Catharanthus roseus</i>	Apocynaceae	Seeds and plants
<i>Cautleya gracilis</i>	Zingiberaceae	Seeds and plants
<i>Cavanillesia platanifolia</i>	Bombacaceae	Seeds and plants
<i>Cedrus libani</i>	Pinaceae	Seeds
<i>Ceiba</i> spp.	Bombacaceae	Seeds and plants
<i>Celmisi</i> spp.	Asteraceae	Seeds and plants
<i>Celosia argentea</i> (var <i>argentea</i> , <i>cristata</i> , <i>plumosa</i> )	Amaranthaceae	Seeds and plants.
<i>Cenchrus ciliaris</i>	Poaceae	Seeds
<i>Centaurea cyanus</i> , <i>Centaurea moschata</i> (= <i>Amberboa moschata</i> )	Asteraceae	Seeds and plants
<i>Centranthus ruber</i>	Valerianaceae	Seeds and plants
<i>Centrolobium ochroxylum</i>	Fabaceae	Seeds and plants
<i>Centrosema pubescens</i> , <i>C. pascuorum</i>	Fabaceae	Seeds
<i>Cephalocereus senilis</i>	Cactaceae	Seeds and plants
<i>Cephalopentandra ecirrhosa</i>	Cucurbitaceae	Seeds and plants
<i>Cephalotaxus fortunei</i>	Cephalotaxaceae	Seeds
<i>Cephalotus follicularis</i>	Cephalotaceae	Seeds and plants
<i>Cerastium tomentosum</i>	Caryophyllaceae	Seeds and plants
<i>Ceratonia siliqua</i>	Fabaceae	Seeds and plants
<i>Cerbera odollam</i>	Apocynaceae	Seeds and plants
<i>Cercestis mirabilis</i>	Araceae	Seeds
<i>Cercis siliquastrum</i> , <i>C. canadensis</i>	Fabaceae	Seeds and plants
<i>Cereus</i> spp.	Cactaceae	Seeds and plants
<i>Ceropegia sandersonii</i>	Apocynaceae	Seeds and plants
<i>Ceterach officinarum</i> (= <i>Asplenium cetarach</i> )	Aspleniaceae	Seeds and plants
X <i>Chamaelobivia</i> (= <i>Chamaecereus</i> x <i>Echinopsis</i> )	Cactaceae	Seeds and plants
<i>Chamaecereus</i> spp.	Cactaceae	Seeds and plants
<i>Chamaecyparis</i> spp.	Cupressaceae	Seeds



<i>Chamelaucium uncinatum</i>	Myrtaceae	Seeds
<i>Chasmatophyllum willowmoreense</i>	Aizoaceae	Seeds and plants
<i>Cheiranthus x allionii</i> (= <i>Erysimum x marshallii</i> ), <i>C. cheiri</i> , <i>C. maritimus</i>	Brassicaceae	Seeds and plants
<i>Cheiridopsis</i> spp.	Aizoaceae	Seeds and plants
<i>Chenopodium quinoa</i>	Chenopodiaceae	Seeds and plants
<i>Chionanthus virginicus</i>	Oleaceae	Seeds and plants
<i>Chiranthodendron pentadactylon</i>	Sterculiaceae	Seeds and plants
<i>X Chitalpa tashkentensis</i> (= <i>Chilopsis linearis x Catalpa bignonioides</i> )	Bignoniaceae	Seeds and plants
<i>Chlidanthus fragrans</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Chonemorpha penangensis</i>	Apocynaceae	Seeds and plants
<i>Chloris gayana</i>	Poaceae	Seeds
<i>Chorisia speciosa</i>	Bombacaceae	Seeds and plants
<i>Chlorophytum bichetii</i>	Agavaceae	Seeds and plants
<i>Chrysanthemum carinatum</i> (= <i>Glebionis carinata</i> ), <i>C. leucanthemum</i> (= <i>Leucanthemum vulgare</i> ), <i>Chrysanthemum paludosum</i> (= <i>Mauranthemum paludosum</i> ), <i>C. parthenium</i> (= <i>Tanacetum parthenium</i> ), <i>Chrysanthemum segetum</i> (= <i>Glebionis segeta</i> )	Asteraceae	Seeds
<i>Chrysophyllum cainito</i>	Sapotaceae	Seeds and plants
<i>Cichorium intybus</i> , <i>C. endivia</i>	Asteraceae	Seeds and roots
<i>Cineraria maritima</i> cf. <i>Senecio cineraria</i>	Asteraceae	Seeds and plants
<i>Cissus discolor</i>	Vitaceae	Seeds and plants
<i>Citrullus</i> spp.	Cucurbitaceae	Seeds
<i>Clarkia amoena</i> , <i>C. elegans</i> , <i>C. pulchella</i> , <i>C. unguiculata</i>	Onagraceae	Seeds and plants
<i>Clavija longifolia</i>	Theophrastaceae	Seeds and plants
<i>Cleistocactus</i> spp.	Cactaceae	Seeds and plants
<i>Clematis integrifolia</i> , <i>C. macropetala</i> , <i>C. viticella</i>	Ranunculaceae	Seeds and plants
<i>Clenanthe variegata</i>	Marantaceae	Seeds and plants
<i>Clianthus formosus</i>	Fabaceae	Seeds and plants
<i>Clivia miniata</i>	Amaryllidaceae	Seeds and Bulbs/rhizomes

<i>Clytostoma callistegioides</i>	Bignoniaceae	Seeds and plants
<i>Coccoloba uvifera</i>	Polygonaceae	Seeds and plants
<i>Codiaeum</i> spp.	Euphorbiaceae	Seeds and plants
<i>Coiapoia</i> spp.	Cactaceae	Seeds and plants
<i>Coleonema</i> spp.	Rutaceae	Seeds and plants
<i>Coleostephus multicaulis</i> (= <i>Chrysanthemum multicaule</i> )	Ehretiaceae	Seeds and plants
<i>Coleus blumei</i> (= <i>C. hybridus</i> , <i>C. scutellaroides</i> , <i>Solenostemon scutellaroides</i> ), <i>C. spicatus</i> , <i>C. noebilus</i>	Lamiaceae	Seeds and plants
<i>Columnea</i> spp.	Gesneriaceae	Seeds and plants
<i>Colvillea racemosa</i>	Fabaceae	Seeds and plants
<i>Combretum comosum</i> , <i>C. constrictum</i> , <i>C. fruticosum</i> , <i>C. grandiflora</i> , <i>C. microphyllum</i> , <i>C. paniculatum</i>	Combretaceae	Seeds and plants
<i>Commiphora foliacea</i> , <i>C. Myrrha</i> , <i>C. Sessilifolia</i> (= <i>C. guidottii</i> ), <i>C. gowlello</i> (= <i>C. kua</i> var. <i>gowlello</i> ), <i>C. neglecta</i> , <i>C. rostrata</i>	Burseraceae	Seeds and plants
<i>Congea tomentosa</i>	Verbenaceae	Seeds and plants
<i>Conicosia elongata</i>	Aizoaceae	Seeds and plants
<i>Conophytum</i> spp.	Aizoaceae	Seeds and plants
<i>Convallaria majalis</i>	Liliaceae	Seeds and cuttings
<i>Convolvulus tricolor</i>	Convolvulaceae	Seeds and plants
<i>Copiapoia</i> spp.	Cactaceae	Seeds and plants
<i>Corallocarpus glomeruliflorus</i>	Cucurbitaceae	Seeds
<i>Cordia obliqua</i> , <i>C. sebestana</i> , <i>C. subcordata</i>	Boraginaceae	Seeds and plants
<i>Cordyline</i> spp.	Liliaceae	Seeds and plants
<i>Coreopsis</i> spp.	Asteraceae	Seeds and plants
<i>Coriandrum sativum</i>	Apiaceae	Seeds
<i>Cornus</i> spp.	Cornaceae	Seeds and plants
<i>Corokia cotoneaster</i>	Argophyllaceae	Seeds and plants
<i>Corylus</i> spp.	Betulaceae	Seeds
<i>Corynephorus canescens</i>	Poaceae	Seeds
<i>Coryphantha</i> spp.	Cactaceae	Seeds and plants
<i>Cosmos atrosanguineus</i> , <i>C. bipinnatus</i> , <i>C. sulphureus</i>	Asteraceae	Seeds and plants
<i>Costus barbatus</i> , <i>C. erythrocoryne</i> , <i>C. speciosus</i> , <i>C. montanus</i> , <i>C. lima</i> , <i>C. stenophyllus</i>	Costaceae	Seeds and plants
<i>Cotinus coggygria</i>	Anacardiaceae	Seeds
<i>Cotyledon</i> spp.	Crassulaceae	Seeds and plants
<i>Couroupita guianensis</i>	Lecythidaceae	Seeds and plants

<i>Crassula</i> spp.	Crassulaceae	Seeds and plants
<i>X Cremneria</i> ( <i>Echeveria</i> x <i>Cremnophila</i> )	Crassulaceae	Seeds and plants
<i>X Cremnosedum</i> (= <i>Cremnophila</i> x <i>Sedum</i> )	Crassulaceae	Seeds and plants
<i>Crescentia cujete</i>	Bignoniaceae	Seeds
<i>Crinum crista</i> , <i>C. pedunculatum</i> , <i>C. powellii</i> , <i>C. thaianum</i>	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Crocasmia</i> spp.	Iridaceae	Seeds and Bulbs/rhizomes
<i>Crocus cartwrightianus</i> , <i>C. sativus</i>	Iridaceae	Seeds and Bulbs/rhizomes
<i>Crossandra infundibuliformis</i>	Acanthaceae	Seeds and plants
<i>Crotalaria juncea</i> , <i>C. spectabilis</i> , <i>C. ochroleuca</i>	Fabaceae	Seeds
<i>Crucianella stylosa</i> (= <i>Phuopsis stylosa</i> )	Rubiaceae	Seeds and plants
<i>Cryptanthus</i> spp.	Bromeliaceae	Seeds and plants
<i>Cryptocoryne</i> spp.	Araceae	Seeds and plants
<i>Cryptomeria japonica</i>	Taxodiaceae	Seeds
<i>Ctenanthe</i> spp.	Marantaceae	Seeds and plants
<i>Cucumis</i> spp.	Cucurbitaceae	Seeds
<i>Cucurbita</i> spp.	Cucurbitaceae	Seeds
<i>Cuminum cyminum</i>	Apiaceae	Seeds and plants
<i>Cupaniopsis anacardiodes</i>	Sapindaceae	Seeds
<i>Cuphea llavea</i>	Lythraceae	Seeds and plants
<i>Cupressus</i> spp.	Cupressaceae	Seeds
<i>Curcuma</i> spp.	Zingiberaceae	Seeds and Bulbs/rhizomes
<i>Cussonia spicata</i>	Araliaceae	Seeds and plants
<i>Cycadales</i> (Ordre): Familles <i>Cycadaceae</i> , <i>Stangeriaceae</i> , <i>Zamiaceae</i>	Cycadales	Seeds and plants
<i>Cyclamen</i> spp.	Primulaceae	Seeds and plants
<i>Cydista aequinoctialis</i>	Bignoniaceae	Seeds and plants
<i>Cymbopogon citratus</i>	Poaceae	Seeds
<i>Cynara cardunculus</i> , <i>C. scolymus</i>	Asteraceae	Seeds
<i>Cynodon dactylon</i>	Poaceae	Seeds
<i>Cynoglossum amabile</i>	Boraginaceae	Seeds and plants
<i>Cyphomandra betacea</i>	Solanaceae	Seeds and plants
<i>Cyphostemma</i> spp.	Vitaceae	Seeds and plants

<i>Cyrtanthus</i> spp.	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Cyrtomium falcatum</i> , <i>C. fortunei</i>	Dryopteridaceae	Seeds and plants
<i>Dacryodes edulis</i>	Burseraceae	Seeds and plants
<i>Dahlia</i> spp.	Asteraceae	Seeds and Bulbs/rhizomes
<i>Dalechampia dioscoreifolia</i>	Euphorbiaceae	Seeds and plants
<i>Darlingtonia</i> spp.	Sarraceniaceae	Seeds and plants
<i>Dasyllirion</i> spp.	Agavaceae	Seeds and plants
<i>Dasymaschalon blumei</i> (= <i>Desmos dasymaschalus</i> )	Annonaceae	Seeds
<i>Daucus carota</i>	Apiaceae	Seeds
<i>Davallia solida</i>	Davalliaceae	Seeds and plants
<i>Davidia involucrata</i>	Nyssaceae	Seeds and plants
<i>Delonix decaryi</i> , <i>D. elata</i> , <i>D. regia</i>	Fabaceae	Seeds and plants
<i>Delosperma</i> spp.	Aizoaceae	Seeds and plants
<i>Delphinium consolida</i> (= <i>Consolida ambigua</i> , <i>C. regalis</i> ), <i>D. acajis</i> , <i>D. ceratophorum</i> , <i>Delphinium</i> x <i>cultorum</i>	Ranunculaceae	Seeds and plants
<i>Dendrosicyos socotrana</i> (= <i>Anacampseros socotrana</i> )	Cucurbitaceae	Seeds
<i>Derris scandens</i>	Fabaceae	Seeds and plants
<i>Desmodium intortum</i>	Fabaceae	Seeds
<i>Desmos chinensis</i>	Annonaceae	Seeds
<i>Deuterocohnia chrysantha</i>	Bromeliaceae	Seeds and plants
<i>Deutzia</i> x <i>magnifica</i> (= <i>D. crenata</i> x <i>D. vilmorinae</i> ), <i>Deutzia</i> 'Mont Rose' (= <i>D. discolor</i> <i>D. longifolia</i> ), x <i>D. scabra</i>	Hydrangeaceae	Seeds and plants
<i>Dialium indum</i>	Fabaceae	Seeds and plants
<i>Dianella tasmanica</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Dianthus</i> spp.	Caryophyllaceae	Seeds and plants, boutures
<i>Diascia</i> spp	Scrophulariaceae	Seeds and plants
<i>Dicentra spectabilis</i> (= <i>Lamprocapnos spectabilis</i> )	Papaveraceae	Seeds and plants
<i>Dichondra argentea</i>	Convolvulaceae	Seeds and plants
<i>Didiplis diandra</i>	Lythraceae	Seeds and plants
<i>Dieffenbachiaspp.</i>	Araceae	Seeds and plants
<i>Dietes</i> spp.	Iridaceae	Seeds and Bulbs/rhizomes
<i>Digitalis purpurea</i>	Scrophulariaceae	Seeds and plants

<i>Digitaria eriantha</i> (= <i>Digitaria decumbens</i> )	Poaceae	Seeds
<i>Dillenia indica</i>	Dilleniaceae	Seeds and plants
<i>Dimorphoteca aurantiaca</i> , <i>D. sinuata</i>	Asteraceae	Seeds and plants
<i>Dinteranthus</i> spp.	Aizoaceae	Seeds and plants
<i>Dionaea</i> spp.	Droseraceae	Seeds and plants
<i>Diospyros blancoi</i> , <i>D. decandra</i> , <i>D. kaki</i> , <i>D. lotus</i> , <i>D. mollis</i> , <i>D. major</i> , <i>D. montana</i> , <i>D. virginiana</i>	Ebenaceae	Seeds
<i>Dipladenia</i> spp.	Apocynaceae	Seeds and plants
<i>Diplotaxis tenuifolia</i>	Brassicaceae	Seeds and plants
<i>Dipteris conjugata</i>	Dipteridaceae	Seeds and plants
<i>Dischidia</i> spp.	Asclepiadaceae	Seeds and plants
<i>Dolichos lablab</i>	Fabaceae	Seeds
<i>Dombeya spectabilis</i> , <i>D. wallichii</i>	Byttneriaceae	Seeds and plants
<i>Doryopteris pedata</i>	Pteridaceae	Seeds and plants
<i>Dorotheanthus bellidiformis</i> (= <i>Mesembryanthemum bellidiforme</i> )	Aizoaceae	Seeds and plants
<i>Dorstenia</i> spp.	Moraceae	Seeds and plants
<i>Doryanthes palmeri</i>	Doryanthaceae	Seeds and Bulbs/rhizomes
<i>Dracaena</i> spp.	Liliaceae	Seeds and plants
<i>Dracocephalum moldavica</i>	Lamiaceae	Seeds and plants
<i>Dracontomelon vitiense</i>	Anacardiaceae	Seeds
<i>Drimiopsis maculata</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Drosera</i> spp.	Droseraceae	Seeds and plants
<i>Drosophyllum lusitanicum</i>	Droseraceae	Seeds and plants
<i>Drymoglossum piloselloides</i>	Polypodiaceae	Seeds and plants
<i>Drynaria rigidula</i>	Polypodiaceae	Seeds and plants
<i>Dudleya</i> spp.	Crassulaceae	Seeds and plants
<i>Durio zibethinus</i> , <i>D. graveolens</i>	Bombacaceae	Seeds
<i>Dyckia</i> spp.	Bromeliaceae	Seeds and plants
<i>Eccremocarpus scaber</i>	Bignoniaceae	Seeds and plants
<i>Echidnopsis</i> spp.	Asclepiadaceae	Seeds and plants
<i>Echinopsis</i> spp. = <i>Trichocereus</i> spp	Cactaceae	Seeds and plants
<i>Echeveria</i> spp.	Crassulaceae	Seeds and plants
<i>Echinocactus</i> spp.	Cactaceae	Seeds and plants

<i>Echinocereus</i> spp.	Cactaceae	Seeds and plants
<i>Echinochloa crus-galli</i> subsp. <i>utilis</i> (= <i>E. esculenta</i> = <i>E. utilis</i> ), <i>E. crus-galli</i> subsp. <i>frumentacea</i> (= <i>E. frumentacea</i> )	Poaceae	Seeds
<i>Echinodorus cordifolius</i> , <i>E. tenellus</i>	Alismataceae	Seeds and plants
<i>Echinofossulocactus</i> spp.	Cactaceae	Seeds and plants
<i>Echites umbellata</i>	Apocynaceae	Seeds and plants
<i>Edithcolea grandis</i>	Asclepiadaceae	Seeds and plants
<i>Elettaria cardamomum</i>	Zingiberaceae	Seeds and Bulbs/rhizomes
<i>Embothrium coccineum</i>	Proteaceae	Seeds and plants
<i>Ensete</i> spp.	Musaceae	Seeds
<i>Entada phaseoloides</i>	Fabaceae	Seeds and plants
X <i>Epicactus</i>	Cactaceae	Seeds and plants
X <i>Epiphyllum</i>	Cactaceae	Seeds and plants
<i>Epipremnum pinnatum</i> (= <i>Epipremnum aureum</i> )	Araceae	Seeds and plants
<i>Episcia cupreata</i> , <i>E. lilacina</i> , <i>E. lynchei</i> , <i>E. punctata</i> , <i>E. rosea</i>	Gesneriaceae	Seeds and plants
<i>Epithelantha</i> spp.	Cactaceae	Seeds and plants
<i>Eriocephalus africanus</i>	Asteraceae	Seeds and plants
<i>Erysinum cheiri</i>	Brassicaceae	Seeds and plants
<i>Eruca sativa</i>	Brassicaceae	Seeds
<i>Erythrina crista</i>	Fabaceae	Seeds and plants
<i>Escallonia</i> spp.	Saxifragaceae	Seeds and plants
<i>Eschscholia californica</i>	Papaveraceae	Seeds and plants
<i>Espostoa</i> spp.	Cactaceae	Seeds and plants
<i>Etlingera</i> spp. = <i>Nicolaia</i> spp. = <i>Phaeomeria</i> spp.	Zingiberaceae	Seeds and plants
<i>Eucomis autumnalis</i> , <i>E. bicolor</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Euodia ridleyi</i> (= <i>Melicope denhamii</i> )	Rutaceae	Seeds and plants
<i>Eugenia aggregata</i> , <i>E. caryophyllus</i> , <i>E. victoriana</i> , <i>E. stipitata</i>	Myrtaceae	Seeds
<i>Euphorbia alluaudii</i> , <i>E. ambovombensis</i> , <i>E. ankarensis</i> , <i>E. bupleurifolia</i> ; <i>E. cylindrifolia</i> subsp. <i>tuberifa</i> , <i>E. enopla</i> , <i>E. flanaganii</i> , <i>E. lactea cristata</i> , <i>E. leucocephala</i> , <i>E. marginata</i> , <i>E. milii</i> , <i>E. millotii</i> , <i>E. pachypodioides</i> , <i>E. polychroma</i> , <i>E. pulcherrima</i> , <i>E. subapoda</i> , <i>E. trigona</i> , <i>E. unispina</i> , <i>E. grandicornis</i> , <i>E. obesa</i> , <i>E. echinus</i> , <i>E. canariensis</i>	Euphorbiaceae	Seeds and plants
<i>Euryale ferox</i>	Nymphaeaceae	Seeds and plants

<i>Euryops chrysanthemoides</i> (=Gamolepis chrysanthemoides), <i>E. pectinatus</i> , <i>E. virgineus</i>	Asteraceae	Seeds and plants
<i>Eustrephus latifolius</i>	Laxmanniaceae	Seeds and plants
<i>Exacum affine</i>	Gentianaceae	Seeds and plants
<i>Excoecaria cochinchinensis</i>	Euphorbiaceae	Seeds and plants
<i>Fagopyrum esculentum</i>	Polygonaceae	Seeds and plants
<i>Fagraea</i> spp.	Loganiaceae	Seeds and plants
<i>Fagus</i> spp.	Fagaceae	Seeds
<i>Fascicularia bicolor</i>	Bromeliaceae	Seeds and plants
<i>Faucaria tuberculosa</i>	Aizoaceae	Seeds and plants
<i>Feijoa sellowiana</i>	Myrtaceae	Seeds
<i>Felicia amelloides</i> (=Agathaea coelestis, <i>Aster amelloides</i> )	Asteraceae	Seeds and plants
<i>Fenestraria rhopalophylla</i>	Aizoaceae	Seeds and plants
<i>Ferrocactus</i> spp.	Cactaceae	Seeds and plants
<i>Ferula assa-foetida</i>	Apiaceae	Seeds and plants
<i>Ficus auriculata</i> , <i>F. annulata</i> , <i>F. benjamina</i> , <i>F. callosa</i> , <i>F. carica</i> , <i>F. elastica</i> , <i>F. infectoria</i> , <i>F. lyrata</i> , <i>F. platypoda</i> , <i>F. religiosa</i> , <i>F. retusa</i> , <i>F. rumphii</i>	Moraceae	Seeds and plants
<i>Finschia chloroxantha</i>	Proteaceae	Seeds and plants
<i>Fissidens fontanus</i>	Fissidentaceae	Seeds and plants
<i>Fottonia argyroneura</i> , <i>F. verschaffeltii</i>	Acanthaceae	Seeds and plants
<i>Firmiana platanifolia</i> (=Sterculia platanifolia, <i>F. simplex</i> )	Sterculiaceae	Seeds and plants
<i>Fockea edulis</i>	Asclepiadaceae	Seeds and plants
<i>Foeniculum vulgare</i>	Apiaceae	Seeds
<i>Folotsia grandiflora</i>	Asclepiadaceae	Seeds and plants
<i>Fontinalis hypnoides</i>	Fontinalaceae	Seeds and plants
<i>Forsythia x intermedia</i> (=F. suspensa x F. viridissima) <i>F. suspensa</i>	Oleaceae	Seeds and plants
<i>Fouquieria</i> spp.	Fouquieriaceae	Seeds and plants
<i>Fragaria</i> spp.	Rosaceae	Seeds and plants
<i>Franklinia alatamaha</i>	Theaceae	Seeds and plants
<i>Freesia</i> spp.	Iridaceae	Seeds and Bulbs/rhizomes
<i>Frithia</i> spp.	Aizoaceae	Seeds and plants
<i>Fritillaria imperialis</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Fremontodendron californicum</i> (=Fremantia californica)	Sterculiaceae	Seeds and plants
<i>Gaillardia aristata</i> , <i>G. pulchella</i>	Asteraceae	Seeds and plants
<i>Galium asperifolium</i>	Rubiaceae	Seeds and plants
<i>Galphimia glauca</i> (=Thryallis glauca)	Malpighiaceae	Seeds and plants
<i>Galtonia candicans</i>	Liliaceae	Seeds and Bulbs/rhizomes



<i>Garcinia atroviridis</i> , <i>G. mangostana</i> , <i>G. schomburgkiana</i>	Clusiaceae	Seeds and plants
<i>Gardenia</i> spp.	Rubiaceae	Seeds and plants
<i>Gasteria</i> spp.	Asphodelaceae	Seeds and plants
<i>X Gasteraloe</i> (= <i>Gastrolea</i> spp.)	Asphodelaceae	Seeds and plants
<i>Gazania rigens</i> , <i>G. splendens</i> , <i>Gazania x hybrida</i>	Asteraceae	Seeds and plants
<i>Gelsemium sempervirens</i>	Loganiaceae	Seeds and plants
<i>Genipa americana</i>	Rubiaceae	Seeds
<i>Geranium</i> spp.	Geraniaceae	Seeds and plants
<i>Gerbera jamesonii</i> , <i>G. hybrid</i> (= <i>G. x G. viridifolia</i> ) <i>jamesonii</i>	Asteraceae	Seeds and plants
<i>Gerrardanthus</i> spp.	Cucurbitaceae	Seeds and plants
<i>Geum coccineum</i>	Rosaceae	Seeds and plants
<i>Gibbaeum petrense</i>	Aizoaceae	Seeds and plants
<i>Gilia capitata</i> , <i>G. tricolor</i>	Polemoniaceae	Seeds and plants
<i>Ginkgo biloba</i>	Ginkgoaceae	Seeds and plants
<i>Gladiolus</i> spp.	Iridaceae	Seeds and Bulbs/rhizomes
<i>Gliricidia sepium</i>	Fabaceae	Seeds and plants
<i>Globba</i> spp.	Zingiberaceae	Seeds and Bulbs/rhizomes
<i>Gloriosa rothschildiana</i> , <i>G. lutea</i> (= <i>Gloriosa superba</i> )	Liliaceae	Seeds and Bulbs/rhizomes
<i>Glossostigma elatinoides</i>	Scrophulariaceae	Seeds and plants
<i>Glottiphyllum</i> spp.	Aizoaceae	Seeds and plants
<i>Glycine</i> spp.	Fabaceae	Seeds
<i>Glycyrrhiza glabra</i>	Fabaceae	Seeds
<i>Godetia</i> spp.	Onagraceae	Seeds and plants
<i>Gomortega keule</i> (= <i>G. nitida</i> )	Gomortegaceae	Seeds and plants
<i>Gomphrena globosa</i>	Amaranthaceae	Seeds and plants
<i>Grahamia coahuilensis</i>	Portulacaceae	Seeds and plants
<i>Graptopetalum bellum</i> , <i>G. paraguayense</i> , <i>G. macdougalli</i> , <i>G. superbum</i>	Crassulaceae	Seeds and plants
<i>X Graptosedum</i> (= <i>Graptopetalum x Sedum</i> )	Crassulaceae	Seeds and plants



<i>X Graptoveria</i> (= <i>Graptopetalum</i> x <i>Echeveria</i> )	Crassulaceae	Seeds and plants
<i>Grevillea aurea</i> , <i>G. crithmifolia</i> , <i>G. didymobotrya</i> , <i>G. excelsior</i> , <i>G. hodgei</i> , <i>G. hookeriana</i> , <i>G. plurijuga</i> subsp. <i>superba</i> , <i>G. polybotrya</i> , <i>G. refracta</i> , <i>G. tetragonoloba</i> , <i>Grevillea</i> hybrids, <i>G. formosa</i>	Proteaceae	Seeds and plants
<i>Griselinia littoralis</i>	Cornaceae	Seeds and plants
<i>Guaiacum officinale</i>	Zygophyllaceae	Seeds and plants
<i>Gunnera peltata</i>	Gunneraceae	Seeds and plants
<i>Gustavia augusta</i> , <i>G. gracillima</i>	Lecythidaceae	Seeds and plants
<i>Guzmania</i> spp.	Bromeliaceae	Seeds and plants
<i>Gymnocactus knuthianus</i>	Cactaceae	Seeds and plants
<i>Gymnocalycium</i> spp.	Cactaceae	Seeds and plants
<i>Gynostemma pentaphyllum</i>	Cucurbitaceae	Seeds
<i>Gypsophila elegans</i> , <i>G. muralis</i> , <i>G. paniculata</i>	Caryophyllaceae	Seeds and plants
<i>Haageocereus pseudomelanostele</i> .	Cactaceae	Seeds and plants
<i>Habranthus robustus</i> (= <i>Zephyranthes robustus</i> )	Liliaceae	Seeds and Bulbs/rhizomes
<i>Haemanthus multiflorus</i> (= <i>Scadoxus multiflorus</i> )	Liliaceae	Seeds and Bulbs/rhizomes
<i>Hakonechloa macra</i>	Poaceae	Seeds
<i>Hamelia patens</i>	Rubiaceae	Seeds and plants
<i>Hardenbergia violacea</i>	Fabaceae	Seeds and plants
<i>Harpephyllum caffrum</i>	Anacardiaceae	Seeds
<i>Harpullia pendula</i>	Sapindaceae	Seeds
<i>Hatiora gaertneri</i> (= <i>Rhipsalidopsis gaertneri</i> ), <i>H. rosea</i> , <i>H. salicornioides</i>	Cactaceae	Seeds and plants
<i>Haworthia</i> spp.	Liliaceae	Seeds and plants
<i>Hechtia argentea</i> , <i>H. texensis</i> , <i>H. guatemalensis</i>	Bromeliaceae	Seeds and plants
<i>Hedychium densiflorum</i>	Zingiberaceae	Seeds and plants
<i>Hebe</i> sp.	Scrophulariaceae	Seeds and plants
<i>Helenium bigelovii</i>	Asteraceae	Seeds and plants
<i>Heliophora</i> spp.	Sarraceniaceae	Seeds and plants
<i>Helianthus</i> spp.	Asteraceae	Seeds

<i>Helichrysum bracteatum</i> (=Bracteantha bracteata), <i>H. petiolatum</i> (=H. petiolare, <i>Gnaphalium lanatum</i> , <i>Plectostachys serphyllifolia</i> )	Asteraceae	Seeds and plants
<i>Heliconiaceae</i>	Heliconiaceae	Seeds
<i>Heliophila longifolia</i>	Brassicaceae	Seeds and plants
<i>Heliotropium x hybridum</i> (=H. corymbosum x <i>H. peruvianum</i> ), <i>H. Peruvianum</i> (=H. arborescens)	Boraginaceae	Seeds and plants
<i>Helipterum roseum</i>	Asteraceae	Seeds and plants
<i>Hemerocallis hybrids</i>	Liliaceae	Seeds and plants
<i>Herrania imbricata</i>	Malvaceae	Seeds and plants
<i>Hesperaloe parviflora</i>	Agavaceae	Seeds and plants
<i>Hesperis matronalis</i>	Brassicaceae	Seeds and plants
<i>Hevea brasiliensis</i>	Euphorbiaceae	Seeds and plants
<i>Hibbertia scandens</i>	Dilleniaceae	Seeds and plants
<i>Hibiscus</i> spp.	Malvaceae	Seeds and plants
<i>Hildegardia erythrosiphon</i>	Sterculiaceae	Seeds and plants
<i>Hippeastrum</i> spp.	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Hoelboelia coriacea</i>	Lardizabalaceae	Seeds and plants
<i>Hohenbergia</i> spp.	Bromeliaceae	Seeds and plants
<i>Holarrhena pubescens</i>	Apocynaceae	Seeds and plants
<i>Holmskioldia sanguinea</i>	Verbenaceae	Seeds and plants
<i>Hoodia</i> spp.	Apocynaceae	Seeds and plants
<i>Hordeum vulgare</i>	Poaceae	Seeds
<i>Hornstedtia reticulata</i> , <i>H. scottiana</i>	Zingiberaceae	Seeds and plants
<i>Hosta variegata</i>	Liliaceae	Seeds and plants
<i>Hoya</i> spp.	Asclepiadaceae	Seeds and plants
<i>Huernia</i> spp.	Asclepiadaceae	Seeds and plants
<i>Hyacinthus</i> spp.	Liliaceae	Seeds and Bulbs/rhizomes
<i>Hydrangea</i> spp.	Saxifragaceae	Seeds and plants
<i>Hydnophytum formicarum</i> , <i>H. moseleyanum</i> , <i>H. perangustum</i> , <i>H. simplex</i>	Rubiaceae	Seeds and plants
<i>Hymenaea courbaril</i>	Fabaceae	Seeds and plants
<i>Hymenocallis</i> spp.	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Hymenodyctyon floribundum</i>	Rubiaceae	Seeds and plants
<i>Hymenosporum favum</i> (=Pittosporum flavum)	Pittosporaceae	Seeds and plants
<i>Hyssopus officinalis</i>	Lamiaceae	Seeds and plants

<i>Iberis amara, I. sempervirens, I. umbellata</i>	Brassicaceae	Seeds and plants
<i>Illicium anisatum, I. verum</i>	Illiciaceae	seeds and plants
<i>Impatiens balsamina (=Balsamina hortensis), Impatiens hybrids, I. walleriana</i>	Balsaminaceae	Seeds and plants
<i>Incarvillea delavayi</i>	Bignoniaceae	Seeds and plants
<i>Indigofera incarnata decora</i>	Fabaceae	Seeds and plants
<i>Inga laurina</i>	Fabaceae	Seeds and plants
<i>Inocarpus fagifer</i>	Fabaceae	Seeds and plants
<i>Intsia bijuga</i>	Fabaceae	Seeds and plants
<i>lochroma coccineum, I. cyaneum</i>	Solanaceae	Seeds and plants
<i>Iresine herbtsii</i>	Amaranthaceae	Seeds and plants
<i>Iris x hollandica, I. ensata, I. germanica, I. laevigata, I. versicolor</i>	Iridaceae	Seeds and Bulbs/rhizomes
<i>Isoetes japonica, I. taiwanensis</i>	Isoetaceae	Seeds and plants
<i>Isoplexis canariensis, I. isabelliana</i>	Scrophulariaceae	Seeds and plants
<i>Ixora spp.</i>	Rubiaceae	Seeds and plants
<i>Jacaranda mimosifolia</i>	Bignoniaceae	Seeds and plants
<i>Jasminum grandiflorum (=J. officinale), J. nitidum, J. sambac</i>	Oleaceae	Seeds and plants
<i>Jatropha integerrima</i>	Euphorbiaceae	Seeds and plants
<i>Jovibarba globifera, J. hirta</i>	Crassulaceae	Seeds and plants
<i>Juglans regia</i>	Juglandaceae	Seeds
<i>Juniperus conferta, J. chinensis, J. rigida</i>	Cupressaceae	Seeds
<i>Kaempferia galanga</i>	Zingiberaceae	Seeds and plants
<i>Kalanchoe beharensis, K. hildebrandtii, K. synsepala, K. tomentosa, K. citrina, K. linerifolia, K. marmorata, K. dinklagei, K. grandiflora, K. marnieriana, K. millotii, K. orgyalis, K. Nadyae (=Kalanchoe bracteata)</i>	Crassulaceae	Seeds and plants
<i>Kedrostis africana</i>	Cucurbitaceae	Seeds
<i>Kerria japonica</i>	Rosaceae	Seeds and plants
<i>Khadia acutipetala, K. alticola</i>	Aizoaceae	Seeds and plants
<i>Kigelia africana (= K. pinnata)</i>	Bignoniaceae	Seeds and plants
<i>Kleinia type C (Tanzania)</i>	Asteraceae	Seeds and plants
<i>Kniphofia uvaria (=Tritoma uvaria)</i>	Asphodelaceae	Seeds and plants
<i>Kopsia fruticosa</i>	Apocynaceae	Seeds and plants
<i>Kunzea baxteri</i>	Myrtaceae	Seeds

<i>Laburnum anagyroides</i> , <i>Laburnum x watereri</i> (= <i>L. alpinum</i> x <i>L. anagyroides</i> )	Fabaceae	Seeds and plants
<i>Lablab purpureus</i>	Fabaceae	Seeds
<i>Lactuca sativa</i>	Asteraceae	Seeds
<i>Lagenaria siceraria</i> (= <i>Lagenaria leucantha</i> )	Malvaceae	Seeds and plants
<i>Lagerstroemia floribunda</i> , <i>L. indica</i> , <i>L. speciosa</i>	Lythraceae	Seeds and plants
<i>Lampranthus calcaratus</i> , <i>L. productus</i> , <i>L. roseus</i> (= <i>L. White</i> ), <i>L. purple</i>	Aizoaceae	Seeds and plants
<i>Lansium domesticum</i>	Meliaceae	Seeds and plants
<i>Lapidaria margaretae</i>	Aizoaceae	Seeds and plants
<i>Larix</i> spp.	Pinaceae	Seeds
<i>Lathyrus latifolius</i> , <i>L. odoratus</i>	Fabaceae	Seeds
<i>Laurus nobilis</i>	Lauraceae	Seeds
<i>Lavandula angustifolia</i> , <i>L. stoechas</i>	Lamiaceae	Seeds and plants
<i>Lavatera cachemiriana</i> var. <i>thunrigiaca</i>	Malvaceae	Seeds and plants
<i>Leea coccinea</i>	Leeaceae	Seeds and plants
<i>Leionema phyllicifolium</i> (= <i>Phebalium phyllicifolium</i> )	Rutaceae	Seeds and plants
<i>Lemaireocereus marginatus</i>	Cactaceae	Seeds and plants
<i>Lenophyllum</i> spp.	Crassulaceae	Seeds and plants
<i>Leontopodium alpinum</i>	Asteraceae	Seeds and plants
<i>Lepidium sativum</i> , <i>L. meyenii</i>	Brassicaceae	Seeds
<i>Lepismium cruciform</i> (= <i>Rhipsalis cruciformis</i> )	Cactaceae	Seeds and plants
<i>Leptospermum flavescens</i>	Myrtaceae	Seeds
<i>Leucadendron</i> spp.	Proteaceae	Seeds and plants
<i>Leucaena glauca</i> (= <i>L. leucocephala</i> )	Fabaceae	Seeds
<i>Leucanthemum x superbum</i> (= <i>L. lacustre</i> x <i>L. maximum</i> )	Asteraceae	Seeds and plants
<i>Leuchtenbergia principis</i>	Cactaceae	Seeds and plants
<i>Leucophyllum frutescens</i>	Scrophulariaceae	Seeds and plants
<i>Leucospermum</i> spp.	Proteaceae	Seeds and plants
<i>Lewisia</i> spp.	Portulacaceae	Seeds and plants
<i>Liatris spicata</i>	Asteraceae	Seeds and plants
<i>Lilaeopsis novae-zelandiae</i>	Apiaceae	Seeds and plants
<i>Lilium</i> spp.	Liliaceae	Seeds and Bulbs/rhizomes
<i>Limonium sinensis</i> , <i>L. sinuatum</i> , <i>L. latifolium</i> (= <i>Statice latifolium</i> )	Plumbaginaceae	Seeds and plants
<i>Linaria maroccana</i>	Scrophulariaceae	Seeds and plants
<i>Linum grandiflorum</i> , <i>L. perenne</i> , <i>L. usitatissimum</i>	Linaceae	Seeds and plants

<i>Liriodendron tulipifera</i>	Magnoliaceae	Seeds and plants
<i>Lisianthus eustoma</i>	Gentianaceae	Seeds and plants
<i>Lithops</i> spp.	Mesembryanthemaceae	Seeds and plants
<i>Lobelia cardinalis</i> , <i>L. erinus</i>	Campanulaceae	Seeds and plants
<i>Lobivia</i> spp.	Cactaceae	Seeds and plants
<i>Lonas inodora</i>	Asteraceae	Seeds and plants
<i>Lotus tetragonolobus</i> (= <i>Tetragonolobus purpureus</i> ), <i>L. maculatus</i>	Fabaceae	Seeds
<i>Luffa cylindrica</i> (= <i>L. aegyptiaca</i> )	Cucurbitaceae	Seeds
<i>Lupinus albus</i> , <i>L. hartwegii</i> , <i>L. polyphyllus</i>	Fabaceae	Seeds
<i>Lycopersicon esculentum</i> (= <i>Solanum lycopersicum</i> )	Solanaceae	Seeds
<i>Lycopodium carinatum</i> (= <i>Huperzia carinata</i> ), <i>Lycopodium cernuum</i> (= <i>Lycopodiella cernua</i> )	Lycopodiaceae	Seeds and plants
<i>Lymnanthes douglasii</i>	Lymnanthaceae	Seeds and plants
<i>Lysimachia congestiflora</i>	Myrsinaceae	Seeds and plants
<i>Macroptilium atropurpureum</i> , <i>M. bracteatum</i> , <i>M. lathyroides</i>	Fabaceae	Seeds
<i>Magnolia</i> spp.	Magnoliaceae	Seeds and plants
<i>Malcolmia maritima</i>	Brassicaceae	Seeds and plants
<i>Malope trifida</i>	Malvaceae	Seeds and plants
<i>Malpighia glabra</i> (= <i>M. puniceifolia</i> )	Malpighiaceae	Seeds and plants
<i>Malus</i> spp.	Rosaceae	Plants
<i>Malva cathayensis</i> (= <i>M. sinensis</i> ), <i>M. sylvestris</i>	Malvaceae	Seeds and plants
<i>Mammea americana</i>	Clusiaceae	Seeds and plants
<i>Mammillaria</i> spp.	Cactaceae	Seeds and plants
<i>Mandevilla sanderi</i> (= <i>Dipladenia sanderi</i> ), <i>M. splendens</i>	Apocynaceae	Seeds and plants
<i>Manilkara hexandra</i> (= <i>Mimusops hexandra</i> ), <i>M. Zapota</i> (= <i>M. achras</i> , <i>Achras sapota</i> )	Sapotaceae	Seeds and plants
<i>Maniltoa gemmipara</i> (= <i>M. grandiflora</i> )	Fabaceae	Seeds and plants
<i>Mansoa alliacea</i> , <i>M. difficilis</i> , (= <i>Adenocalymna splendens</i> )	Bignoniaceae	Seeds and plants
<i>Mapania vitiensis</i>	Cyperaceae	Seeds and plants
<i>Maranta</i> spp.	Marantaceae	Seeds and plants
<i>Marlierea sintenisii</i>	Myrtaceae	Seeds
<i>Mascagnia macroptera</i>	Malpighiaceae	Seeds and plants
<i>Matthiola incana</i>	Brassicaceae	Seeds and plants
<i>Matucana</i> spp.	Cactaceae	Seeds and plants
<i>Medicago sativa</i> , <i>Medicago x varia</i> (= <i>M. sativa</i> x <i>M. falcata</i> ), <i>M. truncatula</i>	Poaceae	Seeds

<i>Melampodium divaricatum</i> (=M. paludosum)	Asteraceae	Seeds and plants
<i>Melissa officinalis</i>	Lamiaceae	Seeds and plants
<i>Melocactus</i> spp.	Cactaceae	Seeds and plants
<i>Mentha aquatica</i> , <i>Mentha x piperita</i> , <i>M. suaveolens</i> , <i>M. viridis</i> (=Mentha spicata)	Lamiaceae	Seeds
<i>Mesembryanthemum criniflorum</i>	Aizoaceae	Seeds and plants
<i>Mespilus germanica</i>	Rosaceae	Seeds and plants
<i>Metasequoia glyptostroboides</i>	Phymaceae	Seeds and plants
<i>Metrosideros collina</i> var. <i>fijiensis</i> (=M. vitiensis)	Myrtaceae	Seeds
<i>Michelia x alba</i> , <i>M. champaca</i> , <i>M. figo</i>	Magnoliaceae	Seeds and plants
<i>Micranthemum micranthemoides</i> (=Heminathus micranthemoides)	Scrophulariaceae	Seeds and plants
<i>Microsorium pteropus</i> (=Polypodium pteropus)	Polypodiaceae	Seeds and plants
<i>Millettia artropurpurea</i>	Fabaceae	Seeds and plants
<i>Millingtonia hortensis</i>	Bignoniaceae	Seeds and plants
<i>Mimulus x hybridus</i> (=M. guttatus x M. luteus)	Cupressaceae	Seeds
<i>Mimusops bagshawei</i> (=M. ugandensis)	Sapotaceae	Seeds and plants
<i>Mirabilis jalapa</i>	Nyctaginaceae	Seeds and plants
<i>Mitrephora maingayi</i>	Annonaceae	Seeds and plants
<i>Molucella laevis</i>	Lamiaceae	Seeds and plants
<i>Monadenium coccineum</i> , <i>M. elegans</i> , <i>M. guentheri</i> , <i>M. parviflora</i> , <i>M. mafingensis</i> , <i>M. capitatum</i>	Euphorbiaceae	Seeds and plants
<i>Monanthes</i> spp.	Crassulaceae	Seeds and plants
<i>Monarda didyma</i>	Lamiaceae	Seeds and plants
<i>Monilaria chrysoleuca</i> (=Schwantesia chrysoleuca, Conophyllum chrysoleuca)	Aizoaceae	Seeds and plants
<i>Monodora myristica</i>	Annonaceae	Seeds and plants
<i>Monstera deliciosa</i>	Araceae	Seeds and plants
<i>Morinda citrifolia</i>	Rubiaceae	Seeds and plants
<i>Moringa oleifera</i> , <i>M. drouhardii</i>	Moringaceae	Seeds and plants
<i>Morus nigra</i>	Moraceae	Seeds and plants
<i>Mucuna bennettii</i> , <i>M. nigricans</i> , <i>M. novo-guineensis</i>	Fabaceae	Seeds and plants
<i>Musa</i> spp.	Musaceae	In vitro culture
<i>Musella</i> spp.	Musaceae	Seeds
<i>Muscari armeniacum</i>	Liliaceae	Seeds and Bulbs/rhizomes

<i>Mussaenda</i> spp.	Rubiaceae	Seeds and plants
<i>Myosotis alpestris</i> , <i>M. sylvatica</i>	Boraginaceae	Seeds and plants
<i>Myrcianthes fragrans</i>	Myrtaceae	Seeds
<i>Myrciaria cauliflora</i> , <i>M. glazioviana</i>	Myrtaceae	Seeds
<i>Myriopteron extensum</i>	Apocynaceae	Seeds and plants
<i>Myristica fragrans</i>	Myristicaceae	Seeds and plants
<i>Myrmecodia</i> spp.	Rubiaceae	Seeds and plants
<i>Myrtus communis</i>	Myrtaceae	Seeds
<i>Namaquanthus</i> spp.	Aizoaceae	Seeds and plants
<i>Nananthus</i> spp.	Aizoaceae	Seeds and plants
<i>Nandina domestica</i>	Berberidaceae	Seeds and plants
<i>Narcissus</i> spp.	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Nelumbo nucifera</i>	Fabaceae	Seeds and plants
<i>Nematanthus</i> spp.	Gesneriaceae	Seeds and plants
<i>Nemesia strumosa</i>	Scrophulariaceae	Seeds and plants
<i>Neonotonia wightii</i>	Fabaceae	Seeds
<i>X Neophytum</i> (= <i>Neoregelia</i> x <i>Orthophytum</i> )	Bromeliaceae	Seeds and plants
<i>Neoregelia</i> spp.	Bromeliaceae	Seeds and plants
<i>Nepenthes</i> spp.	Nepenthaceae	Seeds and plants
<i>Nepeta mussini</i> , <i>Nepeta</i> x <i>faassenii</i>	Lamiaceae	Seeds and plants
<i>Nephrolepis cordifolia</i> , <i>N. exaltata</i>	Davalliaceae	Seeds and plants
<i>Nerine bowdenii</i> , <i>N. sarniensis</i>	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Nerium oleander</i>	Apocynaceae	Seeds and plants
<i>Nicotiana affinis</i> (= <i>N. alata</i> ), <i>N. sylvestris</i> , <i>N. tabacum</i> , <i>Nicotiana</i> hybrids, <i>N. sanderæ</i>	Solanaceae	Seeds
<i>Nidularium</i> spp.	Bromeliaceae	Seeds and plants
<i>Nierembergia</i> spp.	Solanaceae	Seeds and plants
<i>Nigella damascena</i>	Ranunculaceae	Seeds and plants
<i>Nitella flexilis</i>	Charophyceae	Seeds and plants
<i>Nolina durangensis</i>	Liliaceae	Seeds and plants
<i>Norantea guianensis</i> subsp. <i>Guianensis</i> , <i>N. brasiliensis</i>	Marcgraviaceae	Seeds and plants
<i>Notocactus</i> spp.	Cactaceae	Seeds and plants
<i>Nuphar pumila</i>	Nymphaeaceae	Seeds and plants
<i>Nyctanthes arbor-tristis</i>	Oleaceae	Seeds and plants
<i>Nymphaea ampla</i> , <i>N. caerulea</i> , <i>N. capensis</i> , <i>N. gigantea</i> , <i>N. gracilis</i> , <i>N. leibergii</i> , <i>N. lotus</i> , <i>N. micrantha</i> , <i>N. nouchali</i> , <i>N. pubescens</i> , <i>N. rubra</i> , <i>N. sulphurea</i> , <i>Nymphaea</i> x <i>cultorum</i>	Nymphaeaceae	Seeds and plants
<i>Ocimum basilicum</i> , <i>O. tenuiflorum</i> (= <i>O. sanctum</i> )	Lamiaceae	Seeds



<i>Odontadenia grandiflora</i> (=O. <i>speciosa</i> , <i>Echites macrantha</i> )	Apocynaceae	Seeds and plants
<i>Oenothera biennis</i> , <i>O. Missouriensis</i> (=O. <i>macrocarpa</i> )	Onagraceae	Seeds and plants
<i>Olea europaea</i> subsp. <i>europaea</i>	Oleaceae	Seeds and plants
<i>Olearia</i> spp.	Asteraceae	Seeds and plants
<i>Onobrychis viciifolia</i>	Fabaceae	Seeds and plants
<i>Operculicarya decaryi</i> , <i>O. pachypus</i>	Anacardiaceae	Seeds
<i>Ophiopogon japonicus</i> , <i>O. planiscapus</i> , <i>O. tricolor</i>	Liliaceae	Seeds
<i>Ophtalmophyllum</i> spp.	Aizoaceae	Seeds and plants
<i>Orbea</i> spp.	Asclepiadaceae	Seeds and plants
Orchidaceae except <i>Vanilla</i> spp.	Orchidaceae	Plants and in vitro culture
<i>Origanum majorana</i> , <i>O. vulgare</i>	Lamiaceae	Seeds and plants
<i>Ornithogalum</i> spp.	Liliaceae	Seeds and Bulbs/rhizomes
<i>Orontium aquaticum</i>	Araceae	Seeds and plants
<i>Orostachys</i> spp.	Crassulaceae	Seeds and plants
<i>Orthophytum gurkenii</i> , <i>O. saxicola</i> x <i>O. gurkenii</i> (=O.x <i>Hatsumi Maertz</i> )	Bromeliaceae	Seeds and plants
<i>Oscularia deltoides</i> (=Lampranthus <i>deltoides</i> )	Aizoaceae	Seeds and plants
<i>Osteospermum ecklonis</i> , <i>O. fruticosum</i> , <i>Osteospermum</i> hybrids	Asteraceae	Seeds and plants
<i>Othonna capensis</i> (=O. <i>crassifolia</i> )	Asteraceae	Seeds and plants
<i>Oxalis carnosa</i> (=O. <i>rubrotincta</i> , <i>O. magellanica</i> , <i>O. carnosum</i> )	Oxalidaceae	Seeds and plants
<i>Pachycereus pringlei</i> , <i>P. marginatus</i> (=Marginatocereus <i>marginatus</i> )	Cactaceae	Seeds and plants
<i>Pachycormus discolor</i>	Anacardiaceae	Seeds
<i>Pachycymbium</i> spp.	Apocynaceae	Seeds and plants
<i>Pachyphytum</i> spp.	Crassulaceae	Seeds and plants
<i>Pachypodium</i> spp.	Apocynaceae	Seeds and plants
<i>Pachystachys lutea</i>	Acanthaceae	Seeds and plants
X <i>Pachyveria</i> (=Pachyphytum x <i>Echeveria</i> )	Crassulaceae	Seeds and plants
<i>Paeonia</i> spp.	Paeoniaceae	Seeds and plants
<i>Panax ginseng</i>	Araliaceae	Seeds and plants
<i>Pandanus</i> spp.	Pandanaceae	Seeds and plants
<i>Pandorea jasminoïdes</i> (=Tecoma <i>jasminoïdes</i> , <i>Bignonia jasminoïdes</i> )	Bignoniaceae	Seeds and plants

<i>Pangium edule</i>	Flacourtiaceae	Seeds and plants
<i>Panicum coloratum</i> , <i>P. maximum</i> , <i>P. maximum</i> x <i>P. infestum</i> , <i>P. miliaceum</i>	Poaceae	Seeds
<i>Papaver nudicaule</i> , <i>P. rhoeas</i> , <i>P. somniferum</i> " <i>paeniflorum</i> ", <i>P. phoecis</i>	Papaveraceae	Seeds and plants
<i>Parameria barbata</i>	Apocynaceae	Seeds and plants
<i>Parkia javanica</i> , <i>P. biglobosa</i>	Fabaceae	Seeds and plants
<i>Parmentiera cereifera</i> , <i>P. edulis</i>	Bignoniaceae	Seeds and plants
<i>Parinari insularum</i>	Chrysobalanaceae	Seeds and plants
<i>Parodia</i> spp.	Cactaceae	Seeds and plants
<i>Parthenocissus henryana</i>	Vitaceae	Seeds and plants
<i>Passiflora edulis</i>	Passifloraceae	Seeds
<i>Pastinaca sativa</i>	Apiaceae	Seeds
<i>Pelargonium</i> spp.	Geraniaceae	Seeds and plants
<i>Peltophorum africanum</i> , <i>P. pterocarpum</i>	Fabaceae	Seeds and plants
<i>Peniocereus viperinus</i> (= <i>Wilcoxia viperina</i> , <i>Cereus viperinus</i> , <i>Wilcoxia viperina</i> , <i>Cullmannia viperina</i> , <i>Wilcoxia papillosa</i> , <i>Wilcoxia tomentosa</i> , <i>Neoevansia viperina</i> ), <i>Peniocereus zopilotensis</i> (= <i>Wilcoxia zopilotensis</i> )	Cactaceae	Seeds and plants
<i>Pennisetum clandestinum</i> , <i>P. glaucum</i> , <i>P. purpureum</i>	Poaceae	Seeds
<i>Pentas lanceolata</i>	Rubiaceae	Seeds and plants
<i>Peperomia asperula</i> , <i>P. bicolor</i> , <i>P. caperata</i> , <i>P. glabella</i> , <i>P. griseo-argentea</i> , <i>P. obtusifolia</i> , <i>P. verschaffeltii</i> , <i>P. ferreyrae</i>	Piperaceae	Seeds and plants
<i>Perilla frutescens</i>	Lamiaceae	Seeds and plants
<i>Petrea arborea</i> , <i>P. volubilis</i> (= <i>P. kahautiana</i> )	Verbenaceae	Seeds and plants
<i>Petraeovitex bambusetorum</i>	Lamiaceae	Seeds and plants
<i>Petroselinum sativum</i>	Apiaceae	Seeds
<i>Petunia</i> spp.	Solanaceae	Seeds and plants
<i>Phacelia campanularia</i> , <i>P. tanacetifolia</i>	Hydrophyllaceae	Seeds and plants
<i>Phaseolus</i> spp.	Fabaceae	Seeds
<i>Philadelphus coronarius</i> , <i>P. x purpureomaculatus</i> , <i>P. x virginialis</i>	Hydrangeaceae	Seeds and plants
<i>Philodendron</i> spp.	Araceae	Seeds and plants
<i>Phlox</i> spp.	Polemoniaceae	Seeds and plants
<i>Photinia serrulata</i> (= <i>P. serratifolia</i> ), <i>Photinia x fraseri</i> (= <i>P. glabra</i> x <i>P. serrulata</i> )	Rosaceae	Seeds and plants
<i>Phygellus capensis</i>	Scrophulariaceae	Seeds and plants
<i>Phyllanthus mirabilis</i>	Euphorbiaceae	Seeds and plants

<i>Phyllitis scolopendrium</i> (=Asplenium scolopendrium)	Polypodiaceae	Seeds and plants
<i>Physalis peruviana</i> , <i>P. philadelphica</i> (=P. ixocarpa)	Solanaceae	Seeds
<i>Physostegia virginiana</i> (=P. praemorsa)	Lamiaceae	Seeds and plants
<i>Piaranthus</i> spp.	Asclepiadaceae	Seeds and plants
<i>Picea</i> spp.	Pinaceae	Seeds
<i>Picrasma excelsa</i>	Simaroubaceae	Seeds and plants
<i>Pilea cadierei</i>	Urticaceae	Seeds and plants
<i>Pilosocereus</i> spp.	Cactaceae	Seeds and plants
<i>Philotheca myoporoides</i> (=Eriostemon myoporoides)	Rutaceae	Seeds and plants
<i>Pimenta racemosa</i>	Myrtaceae	Seeds
<i>Pimpinella anisum</i>	Apiaceae	Seeds
<i>Pinguicula</i> spp.	Lentibulariaceae	Seeds and plants
<i>Pinus caribea</i>	Pinaceae	Seeds
<i>Piper betel</i> , <i>P. cubeba</i> , <i>P. methysticum</i> , <i>P. nigrum</i> , <i>P. sarmentosum</i> , <i>P. longum</i> , <i>P. peepuloides</i>	Piperaceae	Seeds
<i>Pisonia grandis</i>	Nyctaginaceae	Seeds and plants
<i>Pistacia atlantica</i> , <i>P. lentiscus</i> , <i>P. vera</i>	Anacardiaceae	Seeds
<i>Pisum sativum</i>	Fabaceae	Seeds
<i>Pitcairnia grafii</i> , <i>P. piepenbringii</i> , <i>P. squarrosa</i> , <i>P. trianae</i>	Bromeliaceae	Seeds and plants
<i>Pithecoctenium cynanchoides</i>	Bignoniaceae	Seeds and plants
<i>Plagiostachys subaequalis</i>	Zingiberaceae	Seeds and plants
<i>Platynerium bifurcatum</i> , <i>P. superbum</i> , <i>P. veitchii</i>	Polypodiaceae	Seeds and plants
<i>Platycodon grandiflorus</i>	Campanulaceae	Seeds and plants
<i>Plectranthus coleoides</i> , <i>P. neochilus</i> , <i>P. 'Mona lavender'</i> (=P. saccatus x P. hillardiae)	Lamiaceae	Seeds and plants
<i>Pleiospilos</i> spp.	Aizoaceae	Seeds and plants
<i>Pleiostachya pruinosa</i>	Marantaceae	Seeds and plants
<i>Plinia edulis</i> (=Marlierea edulis, Rubachia glomerata)	Myrtaceae	Seeds
<i>Plumbago auriculata</i> (=P. capensis)	Plumbaginaceae	Seeds and plants
<i>Plumeria</i> spp.	Apocynaceae	Seeds and plants
<i>Podalyria calyptata</i>	Fabaceae	Seeds and plants
<i>Podocarpus costalis</i> , <i>P. falcatus</i> , <i>P. totara</i>	Podocarpaceae	Seeds

<i>Pogostemon helferi</i> (=Dysophylla helferi), <i>P. stellatus</i> (=Eusteralis stellata)	Lamiaceae	Seeds and plants
<i>Polaskia chichipe</i>	Cactaceae	Seeds and plants
<i>Polianthes tuberosa</i>	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Polyalthia longifolia</i> var. <i>pendula</i>	Annonaceae	Seeds and plants
<i>Polygala x dalmaisiana</i> (=P. fruticosa x P. myrtifolia)	Polygalaceae	Seeds and plants
<i>Polygonum odoratum</i>	Polygonaceae	Seeds and plants
<i>Pometia pinnata</i>	Sapindaceae	Seeds
<i>Porana volubilis</i>	Convolvulaceae	Seeds and plants
<i>Porphyrocoma pohliana</i>	Acanthaceae	Seeds and plants
<i>Portulaca eruca</i> , <i>P. grandiflora</i> <i>P. suffrutescens</i>	Portulacaceae	Seeds and plants
<i>Portulacaria afra</i> (=Crassula portulacaria)	Portulacaceae	Seeds and plants
<i>Primula</i> spp.	Primulaceae	Seeds and plants
<i>Protea</i> spp.	Proteaceae	Seeds and plants
<i>Pouteria caimito</i> , <i>P. campechiana</i> , <i>P. sapota</i>	Sapotaceae	Seeds and plants
<i>Premna obtusifolia</i>	Verbenaceae	Seeds and plants
<i>Prestonia chenopodioides</i> , <i>P. mollis</i>	Apocynaceae	Seeds and plants
<i>Proserpinaca palustris</i>	Halagaraceae	Seeds and plants
<i>Prunus armeniaca</i> , <i>P. avium</i> , <i>P. cerasus</i> , <i>P. domestica</i> , <i>P. dulcis</i> (=P. amygdalus), <i>P. serrulata</i> , <i>P. persica</i>	Rosaceae	Seeds and plants
<i>Pseuderanthemum</i> spp.	Acanthaceae	Seeds and plants
<i>Pseudocalymna alliaceum</i>	Bignoniaceae	Seeds and plants
<i>Pseudolithos migiurtinus</i>	Asclepiadaceae	Seeds and plants
<i>Pseudotsuga menziesii</i>	Sapindaceae	Seeds
<i>Psophocarpus tetragonolobus</i>	Fabaceae	Seeds
<i>Psylliostachys suworowii</i> (=Limonium suworowii)	Plumbaginaceae	Seeds and plants
<i>Pteris ensiformis</i>	Pteridaceae	Seeds and plants
<i>Ptychosema pusillum</i>	Fabaceae	Seeds and plants
<i>Puya</i> spp.	Bromeliaceae	Seeds and plants
<i>Pyrrosia</i> spp.	Polypodiaceae	Seeds and plants
<i>Pyrus</i> spp.	Rosaceae	Plants
<i>Quercus</i> spp.	Fagaceae	Seeds
<i>Quesnelia</i> spp.	Bromeliaceae	Seeds and plants

<i>Quisqualis falcata</i> , <i>Q. indica</i>	Bignoniaceae	Seeds and plants
<i>Racinaea crispa</i>	Bromeliaceae	Seeds and plants
<i>Radermachera sinica</i> , <i>R. sp.</i> 'Kunming'	Bignoniaceae	Seeds and plants
<i>Randia formosa</i>	Rubiaceae	Seeds and plants
<i>Ranunculus</i> spp.	Ranunculaceae	Seeds and plants
<i>Raphanus</i> spp.	Brassicaceae	Seeds
<i>Rauwenhoffia siamensis</i> (= <i>Melodorum siamense</i> )	Annonaceae	Seeds
<i>Rebutia</i> spp.	Cactaceae	Seeds and plants
<i>Renealmia alpinia</i>	Zingiberaceae	Seeds and plants
<i>Reseda odorata</i>	Resedaceae	Seeds and plants
<i>Rhaphiolepis indica</i>	Rosaceae	Seeds and plants
<i>Rheum</i> spp.	Polygonaceae	Seeds and plants
<i>Rhipsalis</i> spp.	Cactaceae	Seeds and plants
<i>Rhododendron</i> spp.	Ericaceae	Seeds and plants
<i>Rhodochiton atosanguineum</i>	Scrophulariaceae	Seeds and plants
<i>Rhombophyllum dolabriforme</i>	Aizoaceae	Seeds and plants
<i>Rhumora adiantiformis</i>	Polypodiaceae	Seeds and plants
<i>Rhytidocaulon ciliatum</i> , <i>R. macrolobum</i>	Asclepiadaceae	Seeds and plants
<i>Ribes nigrum</i> , <i>R. rubrum</i> , <i>R. uva-crispa</i> (= <i>R. grossularia</i> ), <i>Ribes sanguineum</i> 'Koja'	Grossulariaceae	Seeds and plants
<i>Robinia hispida</i>	Fabaceae	Seeds and plants
<i>Rollinia</i> spp.	Annonaceae	Seeds
<i>Romneya coulteri</i>	Papaveraceae	Seeds and plants
<i>Rondeletia</i> spp.	Rubiaceae	Seeds and plants
<i>Rorippa nasturtium-aquaticum</i> (= <i>Nasturtium officinale</i> )	Brassicaceae	Seeds
<i>Rosa</i> spp. (except <i>Rosa canina</i> )	Rosaceae	Plants
<i>Rosmarinus officinalis</i>	Lamiaceae	Seeds
<i>Rosularia</i> spp.	Crassulaceae	Seeds and plants
<i>Roupelina boivinii</i>	Apocynaceae	Seeds and plants
<i>Rubus idaeus</i>	Rosaceae	Seeds and plants
<i>Rudbeckia</i> spp.	Asteraceae	Seeds and plants
<i>Rumex acetosa</i> , <i>R. patienta</i>	Polygonaceae	Seeds
<i>Ruschia putterillii</i> , <i>R. tenella</i>	Aizoaceae	Seeds and plants
<i>Russelia equisetiformis</i>	Scrophulariaceae	Seeds and plants
<i>Ruttya fruticosa</i>	Acanthaceae	Seeds and plants
<i>Sabinea carinalis</i>	Fabaceae	Seeds and plants
<i>Sadleria cyatheoides</i>	Blechnaceae	Seeds and plants
<i>Sageretia theezans</i>	Rhamnaceae	Seeds and plants
<i>Saintpaulia</i> spp.	Gesneriaceae	Seeds and plants

<i>Salix integra</i> (= <i>S. multinervis</i> )	Salicaceae	Seeds and plants
<i>Salpiglossis sinuata</i>	Solanaceae	Seeds and plants
<i>Salvia farinacea</i> , <i>S. horminum</i> (= <i>S. viridis</i> ), <i>S. miltiorrhiza</i> , <i>S. rutilans</i> , <i>S. splendens</i> , <i>S. officinalis</i>	Lamiaceae	Seeds
<i>Samolus valerandi</i> (= <i>S. parviflorus</i> )	Primulaceae	Seeds and plants
<i>Sandersonia aurantiaca</i>	Liliaceae	Seeds and Bulbs/rhizomes
<i>Sansevieria cylindrica</i> , <i>S. francisii</i>	Liliaceae	Seeds and plants
<i>Sanvitalia procumbens</i>	Asteraceae	Seeds and plants
<i>Saponaria vaccaria</i> (= <i>Vaccaria hispanica</i> , <i>S. ocymoides</i> )	Caryophyllaceae	Seeds and plants
<i>Saraca indica</i>	Fabaceae	Seeds and plants
<i>Sarracenia</i> spp.	Sarraceniaceae	Seeds and plants
<i>Sassafras albidum</i>	Lauraceae	Seeds and plants
<i>Satureja hortensis</i>	Lamiaceae	Seeds and plants
<i>Sauropus androgynus</i> , <i>S. thorelii</i> beille	Euphorbiaceae	Seeds and plants
<i>Saxifraga x arendsii</i> (= <i>S. exarata</i> x <i>S. rosacea</i> )	Saxifragaceae	Seeds and plants
<i>Scabiosa atropurpurea</i> (= <i>Scabiosa maritima</i> )	Caprifoliaceae	Seeds and plants
<i>Scadoxus multiflorus</i>	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Scaevola aemula</i>	Goodeniaceae	Seeds and plants
<i>Sceletium tortuosum</i>	Aizoaceae	Seeds and plants
<i>Schisandra chinensis</i>	Schisandraceae	Seeds and plants
<i>Schismatoglottis</i> spp.	Araceae	Seeds and plants
<i>Schlumbergera</i> spp.	Cactaceae	Seeds and plants
<i>Schotia brachypetala</i> , <i>S. latifolia</i>	Fabaceae	Seeds and plants
<i>Schwantesia acutipetala</i> , <i>S. triebneri</i>	Aizoaceae	Seeds and plants
<i>Scilla</i> spp.	Liliaceae	Seeds and Bulbs/rhizomes
<i>Scleranthus annuus</i>	Caryophyllaceae	Seeds and plants
<i>Sclerocactus</i> spp.	Cactaceae	Seeds and plants
<i>Sclerocarya birrea</i>	Anacardiaceae	Seeds
<i>Scorzonera hispanica</i>	Asteraceae	Seeds
<i>Secale cereale</i>	Poaceae	Seeds
<i>Sechium</i> spp.	Cucurbitaceae	Seeds
<i>X Sedeveria</i> (= <i>Sedum</i> x <i>Echeveria</i> )	Crassulaceae	Seeds and plants
<i>Sedum allantoides</i> , <i>S. furfuraceum</i> , <i>S. monregalense</i> , <i>S. multiceps</i> , <i>S. pachyphyllum</i> , <i>S. album</i> , <i>S. hernandezii</i> , <i>S. burrito</i> , <i>S. nussbaumerianum</i> , <i>S. lucidum</i> , <i>S. morganianum</i> , <i>S. rupestre</i> , <i>S. treleasei</i> , <i>Sedum</i> x <i>rubrotinctum</i> (= <i>S. pachyphyllum</i> x <i>S. stahlii</i> ), <i>S. palmeri</i> , <i>S. sieboldii</i> , <i>S. mocinianum</i> , <i>S. dasyphyllum</i>	Crassulaceae	Seeds and plants
<i>Selaginella epidophylla</i>	Selaginellaceae	Seeds and plants



<i>Sempervivum</i> spp.	Crassulaceae	Seeds and plants
<i>Senecio cineraria</i> , <i>S. cruentus</i> , <i>S. herreianus</i> , <i>S. jacobsenii</i> , <i>S. kleina</i> , <i>S. leucostachys</i> , <i>S. pendulus</i> , <i>S. pusillus</i> (= <i>S. citrifolius</i> ), <i>S. radicans</i> , <i>S. rowleyanus</i> , <i>S. haworthii</i> , <i>S. pyramidatus</i> , <i>S. sempervivus</i> , <i>S. spiculosus</i> (= <i>S. cylindricus</i> , <i>S. vitalis</i> ), <i>S. stapeliaeformis</i> , <i>S. ficoides</i>	Asteraceae	Seeds and plants
<i>Sequoiadendron giganteum</i>	Taxodiaceae	Seeds
<i>Serissa foetida</i> (= <i>S. japonica</i> )	Rubiaceae	Seeds and plants
<i>Sesamum indicum</i>	Pedaliaceae	Seeds
<i>Setaria sphacelata</i>	Poaceae	Seeds
<i>Seyrigia multiflora</i>	Cucurbitaceae	Seeds and plants
<i>Shepherdia argentea</i>	Elaeagnaceae	Seeds and plants
<i>Shinnersia rivularis</i> (= <i>Trichocoronis rivularis</i> )	Asteraceae	Seeds and plants
<i>Sicana odorifera</i>	Cucurbitaceae	Seeds
<i>Sideroxylon foetidissimum</i>	Sapotaceae	Seeds and plants
<i>Silene armeria</i> , <i>S. pendula</i> (= <i>Calycibus fructifera</i> )	Caryophyllaceae	Seeds and plants
<i>Sinningia speciosa</i>	Gesneriaceae	Seeds and plants
<i>Sinocrassula yunnanensis</i>	Crassulaceae	Seeds and plants
<i>Siparuna eggersii</i>	Monimiaceae	Seeds and plants
<i>Solandra grandiflora</i>	Solanaceae	Seeds and plants
<i>Solanum melongena</i> , <i>S. aethiopica</i> , <i>S. crispum</i> , <i>S. muricatum</i> , <i>S. pimpinellifolium</i> , <i>S. pennellii</i>	Solanaceae	Seeds
<i>Solanum tuberosum</i>		Seeds(tubercules)
<i>Solidago caesia</i>	Asteraceae	Seeds and plants
<i>Sollya heterophylla</i>	Pittosporaceae	Seeds and plants
<i>Sophora molloyi</i> , <i>S. japonica</i> , <i>S. tetraptera</i>	Fabaceae	Seeds and plants
<i>Sorghum bicolor</i> (= <i>S. vulgare</i> ), <i>S. halepense</i> , <i>S. sudanense</i>	Poaceae	Seeds
<i>Sparaxis tricolor</i>	Iridaceae	Seeds and Bulbs/rhizomes
<i>Spathiphyllum</i> spp.	Araceae	Seeds and plants
<i>Spilanthes oleracea</i> (= <i>S. acmella</i> , <i>Acmella oleracea</i> , <i>Blainvillea acmella</i> )	Asteraceae	Seeds and plants
<i>Spinacia oleracea</i>	Chenopodiaceae	Seeds
<i>Spiraea x vanhouttei</i> (= <i>S. cantoniensis</i> x <i>S. trilobata</i> )	Rosaceae	Seeds and plants
<i>Sprekelia formosissima</i>	Amariyllidaceae	Seeds and Bulbs/rhizomes
<i>Stachys affinis</i> (= <i>S. sieboldii</i> , <i>S. tuberifera</i> )	Lamiaceae	Seeds and plants
<i>Stapelia flavopurpurea</i>	Asclepiadaceae	Seeds and plants



<i>Stapelianthus</i> spp.	Cactaceae	Seeds and plants
<i>Stemmadenia litoralis</i> (= <i>S. galeottiana</i> )	Apocynaceae	Seeds and plants
<i>Stenocarpus sinuatus</i>	Proteaceae	Seeds and plants
<i>Stenocereus dumortieri</i> , <i>S. marginatus</i> (= <i>Pachycereus marginatus</i> )	Cactaceae	Seeds and plants
<i>Stephanotis floribunda</i>	Asclepiadaceae	Seeds and plants
<i>Stereospermum chelonoides</i> , <i>S. kunthianum</i>	Bignoniaceae	Seeds and plants
<i>Steudnera</i> spp.	Araceae	Seeds and plants
<i>Stevia rebaudiana</i>	Asteraceae	Seeds and plants
<i>Stewartia monadelpha</i> , <i>S. pseudocamellia</i>	Theaceae	Seeds and plants
Strelitziaceae (genres <i>Strelitzia</i> , <i>Ravenala</i> )	Strelitziaceae	Seeds
<i>Strepsolen jamesonii</i> (= <i>Browallia jamesonii</i> )	Solanaceae	Seeds and plants
<i>Streptocarpus</i> spp.	Gesneriaceae	Seeds and plants
<i>Strongylodon macrobotrys</i>	Fabaceae	Seeds and plants
<i>Strophantus</i> spp.	Apocynaceae	Seeds and plants
<i>Stigmaphyllon ciliatum</i> , <i>S. littorale</i> , <i>S. heterophyllum</i> (= <i>S. martianum</i> , <i>S. splendens</i> , <i>Banisteria sinuata</i> )	Malpighiaceae	Seeds and plants
<i>Stylosanthes hamata</i> , <i>S. guianensis</i> , <i>S. scabra</i> , <i>S. capitata</i> , <i>S. macrocephala</i>	Fabaceae	Seeds
<i>Sutera cordata</i>	Scrophulariaceae	Seeds and plants
<i>Swainsona formosa</i>	Fabaceae	Seeds and plants
<i>Swietenia macrophylla</i>	Meliaceae	Seeds
<i>Symphoricarpos doorenbosii</i>	Caprifoliaceae	Seeds and plants
<i>Syngonanthus chrysanthus</i>	Eriocaulaceae	Seeds and plants
<i>Synsepalum dulcificum</i>	Sapotaceae	Seeds and plants
<i>Syringa</i> spp.	Oleaceae	Seeds and plants
<i>Syzygium aromaticum</i> (= <i>Eugenia caryophyllata</i> )	Myrtaceae	Seeds
<i>Syzygium corynocarpum</i> , <i>S. cordatum</i> , <i>S. malaccense</i> , <i>S. neurocalyx</i> , <i>S. oleosum</i> , <i>S. paniculatum</i> , <i>S. polyantha</i> , <i>S. samarangense</i>	Myrtaceae	Seeds
<i>Tabebuia avellanedae</i> , <i>T. impetiginosa</i> , <i>T. serratifolia</i> , <i>T. argentea</i> , <i>T. palmeri</i> , <i>T. rosea</i> , <i>T. chrysotricha</i>	Bignoniaceae	Seeds and plants
<i>Tabernaemontana corymbosa</i> , <i>T. pachysiphon</i>	Apocynaceae	Seeds and plants
<i>Tacca chantrieri</i> , <i>T. integrifolia</i>	Taccaceae	Seeds and plants
<i>Tagetes erecta</i> , <i>T. patula</i> , <i>T. tenuifolia</i> (= <i>T. signata</i> )	Asteraceae	Seeds and plants, boutures
<i>Talauma</i> spp.	Magnoliaceae	Seeds and plants
<i>Talinella pachypoda</i>	Portulacaceae	Seeds and plants

<i>Tamarindus indica</i>	Fabaceae	Seeds and plants
<i>Tanacetum vulgare</i> , <i>T. coccineum</i> (= <i>Pyrethrum roseum</i> )	Asteraceae	Seeds
<i>Tapeinochilos ananassae</i>	Costaceae	Seeds and plants
<i>Taraxacum officinale</i>	Asteraceae	Seeds and plants
<i>Tavaresia</i> spp.	Asclepiadaceae	Seeds and plants
<i>Taxodium distichum</i>	Taxodiaceae	Seeds
<i>Taxus baccata</i>	Taxaceae	Seeds and plants
<i>Tecomanthe</i> spp.	Bignoniaceae	Seeds and plants
<i>Tecomaria capensis</i>	Bignoniaceae	Seeds and plants
<i>Tecomella undulata</i>	Bignoniaceae	Seeds and plants
<i>Tectaria sinuate</i> (= <i>Bolbitis sinuata</i> )	Lomariopsidaceae	Seeds and plants
<i>Tectona grandis</i>	Verbenaceae	Seeds
<i>Telopea</i> spp.	Proteaceae	Seeds and plants
<i>Telosma cordata</i> (= <i>T. minor</i> )	Asclepiadaceae	Seeds and plants
<i>Tephrocactus</i> spp.	Cactaceae	Seeds and plants
<i>Terminalia arjuna</i> , <i>T. catappa</i> , <i>T. ivorensis</i> , <i>T. mentali</i> , <i>T. kaernbachii</i>	Combretaceae	Seeds and plants
<i>Testudinaria elephantipes</i> (= <i>Dioscorea elephantipes</i> )	Dioscoreaceae	Seeds and plants
<i>Tetracera loureiri</i>	Dilleniaceae	Seeds and plants
<i>Tetradenia riparia</i> (= <i>Iboza riparia</i> )	Lamiaceae	Seeds and plants
<i>Tetragonia tetragonioides</i>	Aizoaceae	Seeds and plants
<i>Thalia dealbata</i>	Marantaceae	Seeds and plants
<i>Thelocactus</i> spp.	Cactaceae	Seeds and plants
<i>Thuja</i> spp.	Cupressaceae	Seeds
<i>Thymophylla tenuiloba</i>	Asteraceae	Seeds and plants
<i>Thymus mongolicus</i> , <i>T. vulgaris</i> , <i>T. serpyllum</i>	Lamiaceae	Seeds
<i>Tigridia pavonia</i> (= <i>Ferraria pavonia</i> )	Iridaceae	Seeds and Bulbs/rhizomes
<i>Tillandsia</i> spp.	Bromeliaceae	Seeds and plants
<i>Titanopsis</i> spp.	Aizoaceae	Seeds and plants
<i>Toecharia dasyrrhache</i>	Sapindaceae	Seeds
<i>Torenia x hybrida</i>	Scrophulariaceae	Seeds and plants
<i>Trachelium caeruleum</i>	Campanulaceae	Seeds and plants
<i>Trachelospermum jasminoides</i> (= <i>Rhyncospermum jasminoides</i> )	Apocynaceae	Seeds and plants
<i>Tragopogon porrifolius</i>	Asteraceae	Seeds and plants
<i>Trevesia palmata</i>	Araliaceae	Seeds and plants
<i>Trichocaulon</i> spp.	Asclepiadaceae	Seeds and plants

<i>Trichomanes javanicum</i>	Hymenophyllaceae	Seeds and plants
<i>Trichosanthes cucumerina</i>	Cucurbitaceae	Seeds
<i>Trichodiadema</i> spp.	Aizoaceae	Seeds and plants
<i>Trichosanthes cucumeroides</i>	Cucurbitaceae	Seeds and plants
<i>Trifolium</i> spp.	Fabaceae	Seeds
<i>Tristania neriifolia</i>	Myrtaceae	Seeds
<i>Tristellateia australasiae</i>	Malpighiaceae	Seeds and plants
<i>X Triticosecale</i> ( <i>Triticum</i> x <i>Secale</i> )	Poaceae	Seeds
<i>Triticum</i> spp.	Poaceae	Seeds
<i>Triteleia laxa</i> ( <i>Brodiaea laxa</i> )	Themidaceae	Seeds and Bulbs/rhizomes
<i>Tropaeolum</i> spp.	Tropeolaceae	Seeds and plants
<i>Tulbaghia fragrans</i> (= <i>T. simmleri</i> ), <i>T. violacea</i>	Alliaceae	Seeds and Bulbs/rhizomes
<i>Tulipa</i> spp.	Liliaceae	Seeds and Bulbs/rhizomes
<i>Turraea floribunda</i>	Meliaceae	Seeds and plants
<i>Turbinicarpus</i> spp.	Cactaceae	Seeds and plants
<i>Tweedia caerulea</i> (= <i>Oxypetalum caeruleum</i> )	Asclepiadaceae	Seeds and plants
<i>Tylophora indica</i>	Asclepiadaceae	Seeds and plants
<i>Tylecodon</i> spp.	Crassulaceae	Seeds and plants
<i>Tylosema fassoglense</i> (= <i>Bauhinia fassoglensis</i> , <i>B. kirkii</i> , <i>B. cissooides</i> )	Fabaceae	Seeds and plants
<i>Ulmus</i> spp.	Ulmaceae	Seeds
<i>Umbilicus</i> spp.	Crassulaceae	Seeds and plants
<i>Uncarina</i> spp.	Pedaliaceae	Seeds and plants
<i>Urochloa mosambicensis</i>	Poaceae	Seeds and plants
<i>Ursulaea</i> spp.	Bromeliaceae	Seeds and plants
<i>Utricularia graminifolia</i> , <i>U. vulgaris</i>	Lentibulariaceae	Seeds and plants
<i>Vaccinium</i> spp.	Moraceae	Seeds and plants
<i>Valerianella locusta</i> , <i>V. eriocarpa</i>	Valerianaceae	Seeds
<i>Vallis glabra</i>	Apocynaceae	Seeds and plants
<i>Vallota speciosa</i> (= <i>Cyrtanthus purpureus</i> )	Amaryllidaceae	Seeds and Bulbs/rhizomes
<i>Vandasina retusa</i> (= <i>Kennedia retusa</i> )	Fabaceae	Seeds and plants
<i>Vangueria infausta</i>	Rubiaceae	Seeds and plants
<i>Verbena</i> x <i>hybrida</i> (= <i>Verbena hortensis</i> ), <i>V. officinalis</i>	Verbenaceae	Seeds
<i>Veronica elliptica</i> , <i>V. spicata</i>	Scrophulariaceae	Seeds and plants
<i>Vesicularia dubyana</i>	Hypnaceae	Seeds and plants

<i>Viburnum</i> × <i>bodnantense</i> (= <i>V. farreri</i> × <i>V. grandiflorum</i> ), <i>V. tinus</i>	Caprifoliaceae	Seeds and plants
<i>Vicia</i> spp.	Fabaceae	Seeds
<i>Victoria amazonica</i> (= <i>V. regia</i> ), <i>V. cruziana</i>	Nymphaeaceae	Seeds and plants
<i>Vigna</i> spp.	Fabaceae	Seeds
<i>Vinca minor</i>	Apocynaceae	Seeds and plants
<i>Viola</i> spp.	Violaceae	Seeds and plants
<i>Viscaria oculata</i>	Caryophyllaceae	Seeds and plants
<i>Vitellaria paradoxa</i> (= <i>Butyrospermum paradoxum</i> )	Sapotaceae	Seeds and plants
<i>Vitis vinifera</i>	Vitaceae	Plants
<i>Vriesea</i> spp.	Bromeliaceae	Seeds and plants
<i>Warszewiczia coccinea</i>	Rubiaceae	Seeds and plants
<i>Wasabia japonica</i>	Brassicaceae	Seeds
<i>Weigela florida</i> (= <i>W. stelznieri</i> ), <i>Weigela subsessilis</i> (= <i>Diervilla subsessilis</i> ), <i>W. alexandra</i> , <i>W. brigela</i> , <i>W. marjorie</i>	Caprifoliaceae	Seeds and plants
<i>Westringia fruticosa</i> (= <i>W. zena</i> , <i>W. rosmariniformis</i> ), <i>Westringia</i> 'Sea mist' (= <i>W. brevifolia</i> var. <i>raleighii</i> variegata), <i>Westringia</i> 'Wynyabbie Gem' (= <i>W. fruticosa</i> x <i>W. eremicola</i> )	Lamiaceae	Seeds and plants
<i>Whitfieldia elongata</i> (= <i>W. longiflora</i> , <i>Ruellia longifolia</i> )	Acanthaceae	Seeds and plants
<i>Wisteria floribunda</i>	Fabaceae	Seeds and plants
<i>Wrightia arborea</i> , <i>W. religiosa</i> , <i>W. sirikitae</i>	Apocynaceae	Seeds and plants
<i>Xanthoceras sorbifolia</i>	Sapindaceae	Seeds
<i>Xanthorrhoea australis</i> , <i>X. preissii</i>	Xanthorrhoeaceae	Seeds and plants
<i>Xanthostemon chrysanthus</i>	Myrtaceae	Seeds
<i>Xeranthemum annuum</i>	Asteraceae	Seeds and plants
<i>Xeronema callistemon</i>	Xeronemataceae	Seeds and plants
<i>Xerosicyos danguyi</i>	Cucurbitaceae	Seeds and plants
<i>Yucca elephantipes</i>	Liliaceae	Seeds and plants
<i>Zantedeschia aethiopica</i> , <i>Z. albomaculata</i> , <i>Z. rehmannii</i> , <i>Z. X elliotiana</i> 'Schwarzwald''	Araceae	Seeds and Bulbs/rhizomes
<i>Zamioculcas zamiifolia</i>	Araceae	Seeds and plants
<i>Zanthoxylum piperitum</i>	Rutaceae	Seeds and plants
<i>Zea mays</i>	Poaceae	Seeds
<i>Zingiber officinale</i> , <i>Z. spectabile</i> , <i>Z. zerumpet</i>	Zingiberaceae	Seeds and plants
<i>Zinnia</i> spp.	Asteraceae	Seeds and plants
<i>Zygosityos pubescens</i> , <i>Z. tripartitus</i>	Cucurbitaceae	Seeds
<i>Zygostigma benthamii</i>	Gentianaceae	Seeds and plants

### Appendix 3. Quarantine Pests as notified by New Caledonia

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Arachnids	Acarida	Eriophyidae	<i>Recilia mica</i>	Palm cicada
			<i>Aceria litchi</i>	Lychee mite
		Tetranychidae	<i>Mononychellus tanajoa</i>	Manioc mite
			<i>Panonychus citri</i>	Citrus red mite
			<i>Panonychus ulmi</i>	European red mite
Insects	Coleoptera	Apionidae	<i>Cylas puncticollis</i>	Potato weevil
		Bostrichidae	<i>Prostephanus truncatus</i>	Maize capuchin bug
		Chrysomelidae	<i>Leptinotarsa decemlineata</i>	Colorado beetle
		Coccinellidae	<i>Henosepilachna</i> spp.	Defoliating ladybird
		Curculionidae	<i>Conotrachelus</i> spp.	Avocado weevil
			<i>Heilipus lauri</i>	Seed weevil
			<i>Otiorhynchus</i> spp.	Weevils
			<i>Rhynchophorus</i> spp.	Palm weevil
			<i>Sternochetus frigidus</i>	Mango weevil
		Dermeestidae	<i>Trogoderma granarium</i>	Khapra beetle
		Scarabaeidae	<i>Adoretus sinicus</i>	Defoliating beetle
			<i>Alissonotum piceum</i>	Black Asian beetle
			<i>Costelytra zealandica</i>	Grass grub

Source: Scientific name and classification used was checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 30 September 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Coleoptera	Scarabaeidae	<i>Heteronychus arator</i>	Black beetle
			<i>Heteronychus licas</i>	Black maize/wheat beetle
			<i>Oryctes boas</i>	Rhinoceros beetle
			<i>Oryctes monoceros</i>	Rhinoceros beetle
			<i>Oryctes rhinoceros</i>	Rhinoceros beetle
			<i>Papuana</i> spp.	Taro beetles
			<i>Popilia japonica</i>	Japanese beetle
			<i>Scapanes australis</i>	Beetle
	Diptera	Agromyzidae	<i>Agromyza oryzae</i>	Rice leaf miner
			<i>Amauromyza maculosa</i> syn. <i>Agromyza guaranitica</i>	Chrysanthemum leaf miner
			<i>Liriomyza huidobrensis</i>	Pea leaf miner
			<i>Liriomyza trifolii</i>	Clover leaf miner
			<i>Ophiomyia phaseoli</i>	Bean fly
			<i>Ophiomyia pinguis</i>	Leaf-mining fly
		Anthomyiidae	<i>Delia antiqua</i>	Onion fly
			<i>Delia brassica</i>	Cabbage fly
			<i>Delia platura</i>	Bean/maize fly
		Drosophilidae	<i>Drosophila suzukii</i>	Spotted-wing drosophila

Source: Scientific name and classification used was checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://qd.eppo.int/>), 30 September 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Diptera	Muscidae	<i>Atherigona</i> spp.	Muscid fly
		Psilidae	<i>Psila rosae</i>	Carrot rust fly
		Syrphidae	<i>Lampestia equestris</i>	Bulb and onion fly
		Tephritidae	<i>Anastrepha</i> spp.	American fruit flies
			<i>Bactrocera</i> spp. (excluding <i>Bactrocera tryoni</i> )	Pacific fruit flies
			<i>Ceratitis</i> spp.	African fruit flies
			<i>Neoceratitis cyanescens</i>	Fruit fly
	Hemiptera (aphids, scale and other bugs)	Tingidae	<i>Acysta perseae</i> syn. <i>Pseudacysta perseae</i>	Avocado lace bug
		Aleyroididae	<i>Aleurocanthus cocos</i>	Coconut whitefly
			<i>Aleurocanthus spiniferus</i>	Orange spiny whitefly
			<i>Aleurocanthus woglumi</i>	Citrus blackfly
			<i>Dialeurodes citri</i>	Citrus whitefly
		Aphididae	<i>Brevicoryne brassicae</i>	Cabbage aphid
			<i>Chaetosiphon fragaefolii</i>	Strawberry aphid
			<i>Nasonovia ribisnigri</i>	Currant-lettuce aphid
			<i>Pemphigus bursarius</i>	Chicory root aphid
			<i>Toxoptera citricida</i>	Brown citrus aphid

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Cicadellidae	<i>Homalodisca coagulata</i>	Glassy-winged sharpshooter
			<i>Idiocerus</i> spp.	Mango leafhopper
		Coreidae	<i>Amblypelta cocophaga</i>	Coconut spotting bug
			<i>Amblypelta</i> spp.	Fruit spotting bug
		Delphacidae	<i>Perkinsiella saccharicida</i>	Sugarcane plant hopper
			<i>Sogatella cubana</i>	Homoptera
			<i>Sogatella kolophon</i>	
			<i>Sogatella furcifera</i>	White backed plant hopper
		Diaspididae	<i>Aulacaspis yasumatsui</i>	Scale
			<i>Palatoria ziziphi</i>	Black palatoria scale
			<i>Parlagona bennetti</i>	Coconut ladybug
			<i>Quadraspidotus perniciosus</i>	San Jose scale
		Flatidae	<i>Metcalfa pruinosa</i>	White leafhopper
		Liviidae	<i>Diaphorina citri</i>	Asian citrus psyllid
		Pentatomidae	<i>Lincus</i> spp.	
		Phylloxeridae	<i>Viteus vitifolii</i> syn. <i>Daktulosphaira vitifoliae</i>	Vine phylloxera

Source: Scientific name and classification used was checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 30 September 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Pseudococcidae	<i>Pseudococcus viburni</i>	Obscure mealybug
		Pseudomonadaceae	<i>Paracoccus marginatus</i>	Papaya ladybug
		Tingidae	<i>Stephanitis typica</i>	Banana seed bug
		Trioziidae	<i>Trioza erythrae</i>	Citrus psyllid
	Hymenoptera (wasps, bees and ants)	Eurytomidae	<i>Bephratelloides cubensis</i>	Fruit wasp
		Formicidae	<i>Acromyrmex</i> spp.	Leaf cutting ant
			<i>Atta cephalotes</i>	Leaf cutting ant
			<i>Atta sexdens</i>	Leaf cutting ant
			<i>Iridomyrmex humilis</i>	Argentine ant
			<i>Oecophylla</i> spp.	Ant
			<i>Solenopsis invicta</i>	Red fire ant
	Isoptera	Mastotermitidae	<i>Mastotermes darwiniensis</i>	Termite
		Rhinotermitidae	<i>Coptotermes</i> spp.	Termite

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Lepidoptera (moths and butterflies)	Crambidae	<i>Chilo</i> spp.	Maize driller
			<i>Megastes grandalis</i>	Sweet potato stem borer
			<i>Megastes pusialis</i>	Sweet potato moth borer
		Gelechiidae	<i>Phthorimaea operculella</i>	Potato moth
		Hesperiidae	<i>Erionota thrax</i>	Banana defoliating caterpillar
		Lycaenidae	<i>Cacyreus marshalli</i>	Geranium bronze butterfly
		Lyonetiidae	<i>Lyonetia clerkella</i>	Apple leaf miner
		Noctuidae	<i>Helicoverpa zea</i> syn. <i>Heliothis zea</i>	Corn earworm
		Oecophoridae	<i>Stenoma catenifer</i>	Avocado seed moth
		Plutellidae	<i>Acrolepiopsis assectella</i>	Pear moth
		Pyralidae	<i>Eldana saccharina</i>	African sugarcane borer
			<i>Ostrinia furnicalis</i>	Asian corn borer
		Tineidae	<i>Opogona sacchari</i>	Sugarcane bud moth
		Tortricidae	<i>Laspeyresia nigricana</i> syn. <i>Cydia nigricana</i>	Pea moth

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Lepidoptera (moths and butterflies)	Tortricidae	<i>Sparganothis pilleriana</i>	Moth
			<i>Spilonota</i> spp.	Moth
		Yponomeutidae	<i>Prays citri</i>	Citrus fruit bud moth
			<i>Prays endocarpa</i>	Bud moth
	Thysanoptera (thrips)	Thripidae	<i>Echinothrips americanus</i>	Thrip
			<i>Scirtothrips aurantii</i>	South African citrus thrip
			<i>Scirtothrips citri</i>	Citrus thrips
Nematodes	Tylenchida	Aphelenchoididae	<i>Aphelenchoides besseyi</i> syn. <i>Aphelenchoides oryzae</i>	Leaf nematode
		Anguinidae	<i>Ditylenchus angustus</i>	Rice stem nematode
			<i>Ditylenchus destructor</i>	Potato nematode
			<i>Ditylenchus dipsaci</i>	Stem and bulb nematode
		Aphelenchoididae	<i>Rhadinaphelenchus cocophilus</i>	Coconut red ring nematode
		Heteroderidae	<i>Globodera pallida</i>	Potato cyst nematode
			<i>Globodera rostochiensis</i>	Golden potato cyst nematode
			<i>Heterodera glycines</i>	Soybean cyst nematode
			<i>Heterodera schachtii</i>	Beet cyst nematode

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Nematodes	Tylenchida	Hoplolaimidae	<i>Helicotylenchus</i> spp.	Spiral nematode
		Longidoridae	<i>Xiphinema americanum</i>	American dagger nematode
		Meloidogynidae	<i>Meloidogyne graminicola</i>	Rice nematode
			<i>Meloidogyne oryzae</i>	Rice nematode
		Pratylenchidae	<i>Hirschmaniella miticausa</i>	Taro nematode
			<i>Hirschmaniella oryzae</i> and <i>H. spinicodata</i>	Rice nematode
			<i>Pratylenchus goodeyi</i>	Coffee lesion nematode
			<i>Radopholus citrophilus</i>	Citrus nematode
	Dorylaimida	Scutellonema	<i>Scutellonema bradys</i>	Spiral yam nematode
Fungal diseases	Agaricales	Trichlomataceae	<i>Crinipellis perniciosus</i> syn. <i>Marasmius perniciosus</i>	
			<i>Deuterophoma tracheiphila</i> syn. <i>Phoma tracheiphila</i>	Citrus mal seco disease
	Botryosphaeriales	Botryosphaeriaceae	<i>Botryosphaeria cocogena</i> syn. <i>Botryodiplodia theobromae</i>	
			<i>Botryosphaeria rhodina</i>	
	Capnodiales	Mycosphaerellaceae	<i>Pseudocercospora purpurea</i>	Avocado purple rot
			<i>Septoria helianthi</i>	Sunflower septoria

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Chytridiales	Synchytriaceae	<i>Synchytrium endobioticum</i>	Black scab of potato, black wart of potato, wart disease of potato
	Diaporthales	Diaporthaceae	<i>Phomopsis helianthi</i> syn. <i>Diaporthe helianthi</i>	Sunflower blight
		Magnaporthaceae	<i>Pyricularia oryzae</i>	Rice blast
	Exobasidiales	Exosbasidiaceae	<i>Exobasidium vexans</i>	Tea blister blight
	Helotiales	Sclerotiniaceae	<i>Monilinia laxa</i>	Brown rot
	Hypocreales	Bionectriaceae	<i>Nectria galligena</i>	
		Nectriaceae	<i>Fusarium oxysporum</i> f.sp. <i>cubense</i> race IV	Banana wilt
			<i>Gibberella xylarioides</i> syn. <i>Fusarium xylarioides</i>	Coffee sudden death blight
		Unassigned	<i>Cephalosporium diospyri</i>	
	Microascales	Ceratocystidaceae	<i>Ceratosomella paradoxa</i>	Pineapple rot
			<i>Cercospora angolensis</i> syn. <i>Phaeoramularia angolensis</i>	
	Myriangiales	Elsinoaceae	<i>Sphaceloma perseae</i>	Avocado scab
			<i>Sphacelotheca macrospora</i>	Grain mildew
			<i>Sphacelotheca reiliana</i>	Head smut

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Peronosporales	Peronosporaceae	<i>Peronosclerospora maydis</i>	Maize downy mildew
			<i>Peronosclerospora philippinensis</i>	Philippine downy mildew of maize
			<i>Peronosclerospora sacchari</i>	Sugarcane downy mildew
			<i>Peronosclerospora sorghi</i>	Sorghum downy mildew
			<i>Peronospora destructor</i>	Onion downy mildew
			<i>Peronospora manshurica</i>	Soybean downy mildew
			<i>Peronospora tabaci</i>	Tobacco downy mildew
			<i>Phytophthora cinnamomi</i>	Phytophthora crown and root rot
			<i>Phytophthora colocasiae</i>	Taro leaf blight
			<i>Phytophthora fragariae</i>	Red core of stawberry
			<i>Phytophthora megasperma</i> f. sp. <i>glycinea</i>	Phytophthora rot
			<i>Phytophthora ramorum</i>	Sudden oak death disease
			<i>Plasmopara brassicae</i>	Downy mildew of brassicas
			<i>Plasmopara halstedii</i>	Downy mildew
			<i>Sclerophthora macrospora</i> syn. <i>Sclerospora macrospora</i>	Crazy top
			<i>Sclerospora graminicola</i>	Graminicola downy mildew
	Phyllachorales	Glomerellaceae	<i>Colletotrichum coffeanum</i> f.sp. <i>virulans</i>	Coffee canker

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Phyllachorales	Glomerellaceae	<i>Colletotrichum fragariae</i>	Strawberry anthracnose
	Plasmodiophorida	Plasmodiophoraceae	<i>Plasmodiophora brassicae</i>	Club root
	Pleosporales	Pleosporaceae	<i>Alternaria helianthi</i>	
		Venturiaceae	<i>Venturia pirina</i>	Pear scab
	Puccinales	Chaconiaceae	<i>Hemileia vastatrix</i>	Coffee rust
		Pucciniaceae	<i>Puccinia arrachidis</i>	Peanut rust
			<i>Puccinia cichorii</i>	Peanut rust
			<i>Puccinia helianthi</i>	Sunflower rust
			<i>Puccinia horiana</i>	Chrysanthemum rust
			<i>Puccinia psidii</i>	Guava rust
			<i>Uromyces transversalis</i>	Gladiolus rust
		Unassigned	<i>Uredo rangellii</i>	Garlic and onion smut
	Pythiales	Pythiaceae	<i>Peronophythora litchii</i>	Lychee mildew
			<i>Trachysphaera fructigena</i>	Banana cigar end disease
	Tilletiales	Tilletiaceae	<i>Tilletia indica</i>	Karnal bunt
	Urocystidales	Urocystidaceae	<i>Urocystis cepulae</i>	Onion smut

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Ustilaginales	Ustilaginaceae	<i>Ustilaginoidella oedipigera</i>	Banana elephantiasis
			<i>Ustilago maydis</i>	Maize boil smut
			<i>Ustilago scitaminea</i>	Sugarcane smut
	Xylariales	Diatrypaceae	<i>Eutypa lata</i>	Deadarm canker of vines
		Hyponectriaceae	<i>Microdochium panattoniana</i>	
Bacterial diseases	Acholeplasmatales	Acholeplasmataceae	<i>Phytoplasma</i>	Apple leaf proliferation phytoplasma
			<i>Phytoplasma</i>	Palm lethal yellowing phytoplasma <i>syn.</i> Coconut lethal yellowing
			<i>Phytoplasma</i>	Papaya bunchy top phytoplasma
			<i>Phytoplasma</i>	Pear decline phytoplasma
			<i>Phytoplasma</i>	Rubus stunt phytoplasma
	Actinomycetales	Microbacteriaceae	<i>Clavibacter michiganensis</i> subsp. <i>insidiosus</i>	Alfalfa stunt disease
			<i>Clavibacter michiganensis</i> pv. <i>Sepedonicus</i> <i>syn.</i> <i>Corynebacterium sepedonicum</i>	Potato ring rot disease

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Bacterial diseases	Actinomycetales	Microbacteriaceae	<i>Curtobacterium flaccumfaciens</i> pv. <i>falccumfaciens</i> syn. <i>Corynebacterium flaccum fasciens</i>	Haricot and soy bean wilt
			<i>Leifsonia xyli</i> s. sp. <i>Xyli</i> syn. <i>Clavibacter xyli</i> s. sp. <i>xyli</i>	Ratoon stunting disease
	Burkholderiales	Burkholderiaceae	<i>Ralstonia solanacearum</i> race II syn. <i>Pseudomonas solanacearum</i> race II	Banana moko disease
		Unassigned	<i>Xylophilus ampelinus</i> syn. <i>Xanthomonas ampelina</i> syn. <i>Erwinia vitivora</i>	Bacterial blight of grapevine
	Enterobacteriales	Enterobacteriaceae	<i>Erwinia amylovora</i>	Fire blight
			<i>Erwinia chrysanthemi</i>	Bacterial blight of Chrysanthemum
			<i>Erwinia papayae</i>	Bacterial blight of Papaya
			<i>Erwinia tracheiphila</i>	Bacterial blight of Cucurbits
			<i>Pantoea ananas</i> syn. <i>Erwinia ananas</i>	Young pineapple fruit rot
			<i>Pantoea stewartii</i> subsp. <i>stewartii</i> syn. <i>Erwinia stewartii</i>	Stewart's wilt

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Bacterial diseases	Entomoplasmatales	Spiroplasmataceae	<i>Spiroplasma citri</i>	Little leaf disease of citrus, stubborn disease of citrus
	Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas andropogonis</i>	Bacterial leaf spot
			<i>Pseudomonas fuscovaginae</i>	Brown sheath rot
			<i>Pseudomonas gladioli</i> pv. <i>alliicola</i> syn. <i>Burkholderia gladioli</i> pv. <i>alliicola</i>	Leaf spot/blight of onion
			<i>Pseudomonas gladioli</i> pv. <i>gladioli</i>	Leaf spot/blight of gladioli
			<i>Pseudomonas rubrilineans</i>	Red stripe/top rot of sugar cane
			<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Cucurbit angular leafspot
			<i>Pseudomonas syringae</i> pv. <i>passiflorae</i>	Bacterial necrotic spot of passionfruit
			<i>Pseudomonas syringae</i> pv. <i>persicae</i>	Leaf spot /canker of peach
			<i>Pseudomonas syringae</i> pv. <i>pisi</i>	Bacterial blight of peas
			<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Blast/blister spot
			<i>Pseudomonas syringae</i> pv. <i>mors-prunorum</i>	Bacterial blight/canker of stonefruit
			<i>Pseudomonas syringae</i> pv. <i>tabaci</i>	Bacterial blight of tobacco

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Bacterial diseases	Rhizobiales	Rhizobiaceae	<i>Agrobacterium tumefasciens</i>	Crown gall
			<i>Candidatus liberibacter asiaticus</i> and <i>africanus</i>	Citrus greening virus (huanglongbing)
	Unassigned	Unassigned	<i>Phytoplasma</i>	Strawberry witches broom phytoplasma
	Xanthomonadales	Xanthomonadaceae	<i>Xanthomonas albilineans</i>	Leaf scald disease
			<i>Xanthomonas axonopodis</i> pv. <i>begoniae</i>	Bacterial leaf spot of begonia
			<i>Xanthomonas axonopodis</i> pv. <i>citri</i>	Citrus canker
			<i>Xanthomonas axonopodis</i> pv. <i>glycines</i> syn. <i>Xanthomonas campestris</i> pv. <i>glycines</i>	Bacterial pustules
			<i>Xanthomonas axonopodis</i> pv. <i>mangiferaeindicae</i> syn. <i>Xanthomonas campestris</i> pv. <i>mangiferaeindicae</i>	Mango black spot disease
			<i>Xanthomonas axonopodis</i> pv. <i>manihotis</i>	Bacterial blight manioc
			<i>Xanthomonas axonopodis</i> pv. <i>passiflorae</i>	Bacterial blight passionfruit
			<i>Xanthomonas axonopodis</i> pv. <i>punicae</i>	Pomegranate bacterial blight

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Bacterial diseases	Xanthomonadales	Xanthomonadaceae	<i>Xanthomonas axonopodis</i> pv. <i>vasculorum</i> syn. <i>Xanthomonas campestris</i> pv. <i>vasculorum</i>	Sugarcane gumming disease
			<i>Xanthomonas campestris</i> pv. <i>dieffenbachiae</i>	Dieffenbachia blight
			<i>Xanthomonas campestris</i> pv. <i>oryzae</i>	Bacterial blight of rice
			<i>Xanthomonas campestris</i> pv. <i>pisi</i>	Bacterial blight of peas
			<i>Xanthomonas campestris</i> pv. <i>pruni</i> syn. <i>Xanthomonas arboricola</i> pv. <i>pruni</i>	Stonefruit fruit spot
			<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>	Bacterial spot of pepper and tomato
			<i>Xanthomonas citri</i> pv. <i>anacardii</i>	Banana xanthomonas wilt
			<i>Xanthomonas fragariae</i>	Pierce's disease
			<i>Xanthomonas vasicola</i> pv. <i>musacearum</i> syn. <i>Xanthomonas campestris</i> pv. <i>musacearum</i>	Grape vine bacterial gall
			<i>Xylella fastidiosa</i>	Dwarf disease of lucerne

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Mononegavirales	Rhabdoviridae	<i>Cytorhabdovirus</i>	Strawberry crinkle virus
			<i>Nucleorahbdovirus</i>	Pineapple chlorotic leaf streak virus
				Potato yellow dwarf virus
			<i>Rhabdovirus</i>	Alomae and Bobone virus
				Coffee ringspot virus
				Raspberry vein chlorosis virus
	Picornavirales	Secoviridae	<i>Comovirus</i>	Cowpea mosaic virus
			<i>Nepovirus</i>	Arabis mosaic virus
				Grapevine fanleaf virus
				Raspberry ringspot virus
				Tobacco ringspot virus
				Tomato black ring nepovirus
			Unassigned	Strawberry mottle virus
				Strawberry ringspot virus
	Trypanosomatidae	Trypanosomatida	<i>Phytomonas</i>	Phytomonas spp.

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Tymovirales	Alphaflexiviridae	<i>Potexvirus</i>	Cassava common mosaic virus
				Cymbidium mosaic virus
				Papaya mosaic virus
				Strawberry mild yellow edge virus
		Betaflexiviridae	<i>Carlavirus</i>	Cowpea mild mottle virus
			<i>Foveavirus</i>	Pear vein yellow virus
			<i>Trichovirus</i>	Apple chlorotic leafspot virus syn. Apple russet ring, Pear ring pattern mosaic
				Peach mosaic virus
			Unassigned	Banana mosaic virus
		Tymoviridae	<i>Maculavirus</i>	Grapevine fleck virus
			<i>Tymovirus</i>	Cacao yellow mosaic virus
Unassigned	Unassigned	Avsunviroidae	<i>Avsunviroid</i>	Avocado sunblotch viroid
			<i>Pelamoviriod</i>	Peach latent mosaic viroid

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Bromoviridae	<i>Cucumovirus</i>	Apple mosaic virus
				Cucumber mosaic virus
			<i>Ilavirus</i>	Prune dwarf virus
				Prunus necrotic ringspot virus
				Tobacco streak virus
		Bunyaviridae	<i>Tospovirus</i>	Tomato spotted wilt virus
				Watermelon silver mottle virus syn. Watermelon spotted wilt virus
		Caulimoviridae	<i>Badnavirus</i>	Banana streak virus
				Cacao swollen shoot virus
				Yam internal brown spot virus syn. Dioscorea bacilliform badnavirus
			<i>Caulimovirus</i>	Strawberry vein banding virus syn. Strawberry yellow vein-banding virus
			<i>Tungrovirus</i>	Rice tungro bacilliform virus

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Closteroviridae	<i>Closterovirus</i>	Citrus tristeza virus
			<i>Ampelovirus</i>	Grapevine leafroll associated virus 1 & 3
				Pineapple mealybug wilt virus
			<i>Crinivirus</i>	Potato yellow vein virus
		Geminiviridae	<i>Begomovirus</i>	African cassava mosaic virus
				Cassava African mosaic virus
				Tomato leaf curl virus
			<i>Mastrevirus</i>	Maize streak virus
				Sugarcane streak virus
		Luteoviridae	<i>Luteovirus</i>	Barley yellow dwarf mosaic virus
			<i>Polerovirus</i>	Sugarcane yellow leaf virus
		Nanoviridae	<i>Babuvirus</i>	Banana bunchy top virus
			Unassigned	Coconut foliar decay virus
		Ophioviridae	<i>Ophiovirus</i>	Citrus psorosis virus

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Pospiviroidae	<i>Apscaviroid</i>	Pear blister canker viroid
			<i>Cocaviroid</i>	Coconut cadang-cadang viroid
			<i>Hostuviroid</i>	Hop stunt viroid
			<i>Pospiviroid</i>	Chrysanthemum stunt viroid
				Citrus exocortis viroid
				Potato spindle tuber viroid
				Tomato bunchy top virus
		Potyviridae	<i>Potyvirus</i>	Banana bract virus
				Bean common mosaic virus
				Bean yellow mosaic virus
				Cassava brown streak virus
				Dioscorea green banding virus
				Lettuce mosaic virus
				Papaya distortion mosaic virus syn. Pawpaw distortion ringspot virus, Papaya ringspot potyvirus

Source: Scientific name and classification used was checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 30 September 2016

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Potyviridae	<i>Ipomovirus</i>	Sweet potato mild mottle virus
			<i>Potyvirus</i>	Passionfruit ringspot virus
				Passionfruit woodiness virus syn. Passiflora chlorotic spot virus
				Plum pox virus
				Sugar cane mosaic virus
				Sweet potato feathery mottle virus
				Tobacco etch virus
				Vanilla mosaic virus
				Vanilla necrosis poty virus
				Yam mosaic virus
		Unassigned		Rose mosaic virus
				Sweet potato yellow dwarf virus
		Reoviridae	<i>Fijivirus</i>	Sugar cane Fiji disease virus
		Tombusviridae	<i>Tombusvirus</i>	Tomato bushy stunt virus

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Unassigned	<i>Benyvirus</i>	Beet necrotic yellow vein virus
			<i>Tenuivirus</i>	Rice hoja blanca virus
				Rice grassy stunt virus
			<i>Unassigned</i>	Citrus blight (unknown causal agent)
				Grape flavescence virus
				Strawberry latent C virus
		Virgaviridae	<i>Hordeivirus</i>	Barley stripe mosaic virus
			<i>Pecluvirus</i>	Peanut clump virus
			<i>Tobamovirus</i>	Cucumber green mottle virus
				Odontoglossum ringspot virus
				Pepper mild mottle virus

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