

行政院農業委員會動植物防疫檢疫局 函

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主旨：有關紐西蘭修訂 *Xylella fastidiosa* 寄主植物及組織培養苗之輸入健康標準案，請惠轉知輸出業者配合辦理，請查照。

說明：

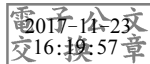
- 一、依據WTO/SPS 106年1月5日G/SPS/N/NZL/551、552及106年3月14日G/SPS/N/NZL/555通知文件辦理。
- 二、紐國有鑒於 *Xylella fastidiosa* 在歐洲快速擴散，經風險分析後修訂相關寄主苗木輸入健康標準，內容摘述如下：
 - (一)自疫區國家(含我國)輸入相關寄主苗木時，應檢附輸出國植物檢疫機關簽發之植物檢疫證明書，並加註相關檢疫條件規定事項。
 - (二)朱蕉屬(*Cordyline*)及龍血樹屬(*Dracaena*)切花及枝條之檢疫條件(附件1，自105年12月12日起生效)：
 - 1、由非疫區或非疫生產點輸出，或；
 - 2、以溴化甲烷燻蒸(僅限朱蕉屬)、熱水、熱蒸氣或藥劑擇一方式處理，再經去活化處理確保無繁殖能力。
 - (三)*Xylella fastidiosa*寄主之繁殖用生植株(植株、切枝及種球)之檢疫條件(附件2，自105年12月12日起生效)：
 - 1、由非疫區或非疫生產點輸出，且輸入後須經6個月以上隔離檢疫，並於夏季結束前完成取樣及PCR檢測，確認無罹染 *Xylella fastidiosa*，或；
 - 2、經雙邊協議於紐國認可設施內採特定方式生產之繁殖用生植株。
 - (四)*Xylella fastidiosa*寄主之組織培養苗之檢疫條件(附件2，自106年6月1日起生效)：



- 1、帶培養介質之組織培養苗須生長於防蟲且透明之組織培養容器中輸入，培養介質不得含有殺菌劑或抗生物質；若為移除培養介質之組織培養苗，須於植物檢疫證明書上加註「該批組織培養苗於輸出前離開原始組織培養狀態時間未超過48小時，且未與其他栽培介質接觸」。
 - 2、由非疫區或非疫生產點輸出，輸入後須出瓶（deflasked）栽培並經6個月以上隔離檢疫，且夏季結束前須完成取樣及PCR檢測，確認無罹染 *Xylella fastidiosa*，或；
 - 3、經雙邊協議於紐國認可設施內採特定方式生產之組織培養苗。
- 三、除朱蕉屬及龍血樹屬外，其餘有關紐國 *Xylella fastidiosa* 寄主之管制對象，請至該國初級產業部網站（<https://www.mpi.govt.nz/importing/plants/nursery-stock/requirements>）所列最新版輸入苗木健康標準（Nursery Stock - Import Health Standard 155.02.06）查詢。
- 四、如業者擬依說明二、（三）2. 及（四）3. 採經雙邊協議方式輸銷至紐國，請惠彙整業者名稱及擬輸出植物種類名單，俾憑辦理後續諮商事宜。

正本：本局基隆分局、本局新竹分局、本局臺中分局、本局高雄分局

副本：本局植物檢疫組



MINISTRY FOR PRIMARY INDUSTRIES

**Import Health Standard
Cut Flowers and Branches
Cordyline and *Dracaena* species
from All Countries**

Issued as an import health standard pursuant to Section 24 of the Biosecurity Act 1993

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Issuance

Pursuant to section 24 of the Biosecurity Act 1993, this document is hereby issued as an import health standard for cut flowers and foliage for decorative purposes.

Stephen Butcher
Manager, Import & Export Plants
Ministry for Primary Industries
(acting under delegated authority of the Director-General)

Date of issue:

INTRODUCTION

SCOPE

This import health standard describes the phytosanitary requirements to be met to enable biosecurity clearance to be given for cut foliage and branches of *Cordyline* and *Dracaena* imported into New Zealand from any country.

REFERENCES

- *Glossary of phytosanitary terms*, 1999. ISPM Pub. No 5, FAO Rome
- *Requirements for the establishment of pest free areas*, 1996. ISPM Pub. No 4, FAO, Rome
- *Risk analysis for quarantine pests*, 2001. ISPM Pub. No. 2, FAO, Rome
- *New revised text of the international plant protection convention*, 1997. FAO, Rome
- *Biosecurity Authority policy statement on conducting import risk analyses and applying them in the development of import health standards (2001)*
- *Risk analysis of Cordyline and Dracaena cut flowers and branches for the development of a generic import health standard (2001)*

DEFINITIONS, ABBREVIATIONS AND ACRONYMS

Certificate	An official document which attests to the phytosanitary status of any consignment affected by phytosanitary regulations.
Consignment	A quantity of plants, plant products and/or other articles being moved from one country to another and covered, when required, by a single phytosanitary certificate (a consignment may be composed of one or more commodities or lots). [FAO, 1990; ICPM Amendments, April 2001]
Contamination	Presence in a commodity, storage place, conveyance or container, of pests or other regulated articles, not constituting an infestation.
Cut flowers and branches	<ol style="list-style-type: none">1) Fresh parts of plants intended for decorative use and not for planting.2) For the purposes of this standard cut flowers and branches excludes roots or viable seeds.
Import health standard	Document issued under section 22 of the Biosecurity Act 1993 that “.....specifies the requirements to be met for the effective management of risks associated with the importation of risk goods before those goods can be imported, moved from a biosecurity control area, or a transitional facility, or given biosecurity clearance”.

Inspection	Official visual examination of plants, plant products or other regulated articles to determine if pests are present and/or to confirm compliance with phytosanitary regulations.
International Standard for Phytosanitary Measures	An international standard adopted by the Conference of FAO, the Interim Commission on Phytosanitary Measures or the Commission on Phytosanitary Measures established under the IPPC.
IPPC	Abbreviation for the International Plant Protection Convention, as deposited in 1951 with FAO in Rome and subsequently amended.
ISPM	Abbreviation for International Standard for Phytosanitary Measures.
MPI	Acronym for the Ministry for Primary Industries, New Zealand's national plant protection organisation.
National Plant Organisation (NPPO)	Official service established by a government to discharge the functions specified by the IPPC.
Pest	Any species, strain or biotype of plant, animal, or pathogenic agent, injurious to plants or plant products.
Phytosanitary measure	Any legislation, regulation or official procedure having the purpose to prevent the introduction and/or spread of pests.
Quarantine pest	A pest of potential economic importance to the area endangered thereby and not yet present there, or present but not widely distributed and (is) being officially controlled.
Regulated non-quarantine pest	A non-quarantine pest whose presence in plants for planting, affects the intended use of those plants with an economically unacceptable impact and is therefore regulated within the territory of the importing contracting party.
Regulated pest	A quarantine pest or a regulated non-quarantine pest.
Transience	Presence of a pest that is not expected to lead to establishment.

OUTLINE OF REQUIREMENTS

This import health standard (IHS) outlines the MPI phytosanitary requirements to be met prior to shipment, in-transit and on arrival in New Zealand for cut foliage and branches of *Cordyline* and *Dracaena* from any country. The standard is based on the import risk analysis of *Cordyline* and *Dracaena* cut flowers and branches for the development of a generic import health standard.

This standard and the associated import risk analysis is replicated at the following Internet address:

<http://www.mpi.govt.nz/importing>

LEGISLATIVE REQUIREMENTS AND INTERNATIONAL OBLIGATIONS

All New Zealand import health standards are based upon import risk analyses. When conducting import risk analyses and applying them in the development of import health standards, New Zealand's legislative requirements and international obligations have been taken into account.

IMPORT HEALTH STANDARD: CUT FOLIAGE AND BRANCHES OF *CORDYLINE* AND *DRACAENA* FROM ANY COUNTRY

1 Official contact point (New Zealand National Plant Protection Organisation)

The official contact point in New Zealand for overseas NPPOs is the Ministry for Primary Industries. All communication pertaining to this import health standard should be addressed to:

Plant Imports
Ministry for Primary Industries
PO Box 2526
Wellington
NEW ZEALAND

E-mail: plantimports@mpi.govt.nz
<http://www.mpi.govt.nz>

2 General conditions for the importation of all plants and plant products

All plants and plant products are **PROHIBITED** entry into New Zealand, unless an import health standard has been issued in accordance with Section 22 of the Biosecurity Act 1993. Should prohibited plants or plant products be intercepted by MPI, the importer will be offered the option of reshipment or destruction of the consignment (at their expense).

The NPPO of the exporting country is requested to inform MPI of any change of address.

The NPPO of the exporting country is required to inform New Zealand's NPPO of any newly recorded organisms which may infest/infect any commodity approved for export to New Zealand.

Pursuant to the Hazardous Substances and New Organisms Act 1996, proposals for the deliberate introduction of new organisms (including genetically modified organisms) as defined by the Act should be referred to the Environment Protection Authority.

Note: In order to meet the Environmental Protection Authority's requirements the scientific name (i.e. genus and species) of the commodity must be included in the phytosanitary certificate.

3 Explanation of pest categories

MPI categorises pests associated with plants and plant products into regulated and non-regulated pests.

Regulated pests are those pests for which phytosanitary actions would be undertaken if they were intercepted/detected. These will include new organisms as defined by the Hazardous Substances and New Organisms Act 1996, regulated non-plant pests, vectors of associated quarantine pests, strains of pests and contaminants. Non-regulated organisms are those organisms for which phytosanitary actions would not be undertaken if they were intercepted/detected.

Measures for the prevention of establishment of regulated pests in New Zealand are developed in accordance with the appropriate FAO ISPMs.

Pests (including weeds) potentially associated with each commodity appear on a separate pest list which will be attached to each import health standard as an Appendix.

4 Application of phytosanitary measures

A number of different phytosanitary measures may be applied to pests based on the outcome of an import or pest risk analysis. Required measures may include:

- Surveillance for pest freedom;
- Testing prior to export for regulated pests which cannot be readily detected by inspection (e.g. viruses on propagating material);
- Specific pre-shipment pest control activities to be undertaken by the supply contracting party;
- The application of a pre-shipment treatment;
- Inspection of the export consignment;
- Treatment on arrival in New Zealand.

5 General conditions for cut flowers and branches

Cut flowers and branches includes fresh parts of plants intended for decorative use and not for planting. For the purposes of this standard cut flowers and branches excludes roots or viable seeds.

Only inert/synthetic material may be used for the protection, packaging and shipping materials of cut flowers and branches.

Cut flowers and branches shall not be shipped or contained in free-standing water.

6 Specific conditions for cut foliage and branches of *Cordyline* and *Dracaena* from any country

6.1 PRE-SHIPMENT REQUIREMENTS

6.1.1 Inspection of the consignment

MPI requires that the NPPO of the country of origin sample and inspect the consignment according to official procedures for all the visually detectable regulated pests specified by MPI.

6.1.2 Treatment of the consignment

MPI requires that the NPPO of the country of origin ensure that the cut flowers and branches, and plants from which the cut flowers and branches were collected, have been treated as specified by MPI.

6.1.3 Documentation

Bilateral quarantine arrangement: Not required.

Phytosanitary certificate: Required.

Import permit/Authorisation to import: Not required.

6.1.4 Phytosanitary certification

A completed phytosanitary certificate issued by the NPPO must accompany all cut foliage and branches of *Cordyline* and *Dracaena* exported to New Zealand.

Before a phytosanitary certificate is to be issued, the NPPO of the country of origin must be satisfied that the following activities required by MPI have been undertaken.

The cut foliage and branches of *Cordyline* and *Dracaena* have:

- i) been inspected in accordance with appropriate official procedures and found to be free of any visually detectable regulated pests specified by MPI.

AND, ONE OR MORE OF THE FOLLOWING;

- ii) been sourced from a pest free area that is, as verified by pest surveillance methods (in accordance with the International Standards for Phytosanitary Measures; Requirements for the Establishment of Pest Free Areas, IPPC, FAO, Publication 4, 1996), free from a regulated pest(s).
- iii) been sourced from a pest free place of production that is, as verified by pest surveillance methods (in accordance with the International Standards for Phytosanitary Measures; Requirements for the Establishment of Pest Free Places of Production and Pest Free

Production Sites, IPPC, FAO, Publication 10, 1996), free from a regulated pest(s).

- iv) undergone methyl bromide fumigation, within 5 days of shipment the consignment, at a MPI approved temperature/dosage/duration combination, under vacuum (88 kPa), gradually returning to atmospheric pressure by the end of the period.

MPI approved temperature/dosage/duration combinations include:

Temperature	Initial dosage	Exposure time
10-14 °C	50 g/m ³	3 hours
15-25 °C	50 g/m ³	2 hours
>25 °C	32 g/m ³	2 hours

- iii) undergone full immersion in water held at more than 50°C (120°F) for not less than 14 minutes, within 5 days of shipment the consignment.
- iv) undergone full exposure to vapour heat for not less than 1 hour at more than 46.6°C (116°F) and 90 to 98% relative humidity, within 5 days of shipment the consignment.
- v) been sprayed to run off (on all above-ground plant parts) with a MPI approved fungicide and insecticide combination, 14 days AND 5 days prior to harvesting the foliage for export to New Zealand.

(Note: Additional applications of the treatment may be required in high rainfall areas.)

MPI approved fungicide and insecticide combinations include:

- 1) Benomyl and Methomyl, or
- 2) Captan and Cypermethrin, or
- 3) Thiram and Cypermethrin.

Other fungicide/insecticide combinations may be approved on application to MPI.

AND;

- vi) been devitalised (rendered non-propagable) using an effective devitalisation treatment or process.

6.1.5 Additional declarations to the phytosanitary certificate

If satisfied that the pre-shipment activities have been undertaken, the NPPO of the country of origin must confirm this by providing the following additional declarations to the phytosanitary certificate:

"The cut foliage and branches of *Cordyline* and *Dracaena* in this consignment have been:

- inspected according to appropriate official procedures and are considered to be free from the regulated pests specified by MPI, and to conform with New Zealand's current

phytosanitary requirements”.

NOTE: This additional declaration is not required if the phytosanitary certificate issued by the NPPO is in accordance with the model phytosanitary certificate annexed to the revised (1997) text of the FAO IPPC.

AND, ONE OR MORE OF THE FOLLOWING;

- sourced from a pest free area that is, as verified by pest surveillance methods, free from _____ (named regulated pest(s)) _____.
- sourced from a pest free place of production that is, as verified by pest surveillance methods, free from _____ (named regulated pest(s)) _____.
- fumigated with methyl bromide within 5 days of shipping at _____ (Temperature / Initial dosage / Exposure time) _____, and under vacuum (88 kPa) gradually returning to atmospheric pressure by the end of the fumigation period.
- treated by hot-water immersion for _____ (Exposure time) _____ at a minimum of _____ (Temperature) _____, within 5 days of shipping.
- treated with vapour heat for _____ (Exposure time) _____ at _____ (Temperature) _____ and _____ (% Relative humidity) _____, within 5 days of shipping.
- harvested from plants that have been sprayed with _____ (Active ingredient and dosage rate) _____, 14 and 5 days prior to harvesting for export to New Zealand.

AND;

- subjected to an effective devitalisation treatment [details of treatment must be included on the phytosanitary certificate] rendering the consignment non-propagatable.”

NOTE: A list of the regulated pests, for which each phytosanitary treatment is considered by MPI to be effective, is provided in Appendix 1(a). A MPI approved phytosanitary measure must be provided for every regulated pest potentially associated with the cut foliage and branches of *Cordyline* and *Dracaena*.

6.2 TRANSIT REQUIREMENTS

The cut foliage and branches of *Cordyline* and *Dracaena* must be packed and shipped in a manner to prevent infestation and/or contamination by regulated pests.

Where a consignment is split or has its packaging changed while in another country (or countries) *en route* to New Zealand, a "Re-export Certificate" is required. Where a consignment is held under bond as a result of the need to change conveyances and is kept in the original shipping container, a "Re-export Certificate" is not required.

6.3 INSPECTION ON ARRIVAL IN NEW ZEALAND

MPI will check the accompanying documentation on arrival to confirm that it reconciles with the actual consignment.

MPI requires, with 95% confidence, that not more than 0.5% of the units in a consignment are infested with visually detectable regulated pests. To achieve this, MPI will sample and inspect 600 units with an acceptance level of zero infested units (or equivalent), from the (homogeneous) lot.

6.4 BIOSECURITY/QUARANTINE DIRECTIVE

The commodity may be directed to a facility for further treatment if required.

MPI requires that consignments of cut foliage and branches of *Cordyline* and *Dracaena* from an NPPO be audited, at the importers expense, to check that they are compliant with the New Zealand's requirement that a devitalisation treatment shall have been successfully undertaken on each unit within the consignment.

For the first 10 consignments, and one in every five consignments after the first 10, MPI will sample and send for propagatability testing a minimum of 5 units, with 1 extra unit per 100 units above 500 in the consignment. The identification of zero propagatable units (or equivalent), from the consignment, will be accepted by MPI as an indication that the consignment is non-propagable.

Unless other evidence of non-compliance is evident on inspection of the consignment, the consignment will not be held pending the results of the propagatability testing.

6.5 TESTING FOR REGULATED PESTS

MPI may, on the specific request of the Director, Plants, Food & Environment, test the consignment for regulated pests.

6.6 ACTIONS UNDERTAKEN ON THE INTERCEPTION/DETECTION OF ORGANISMS/CONTAMINANTS

If regulated pests are intercepted/detected on the commodity, or associated packaging, the following actions will be undertaken as appropriate (depending on the pest identified):

- Treatment (where possible) at the discretion of the Director, Plants, Food & Environment;
- Reshipment of the consignment;
- Destruction of the consignment;
- The suspension of trade, until the cause of the non-compliance is investigated, identified and rectified to the satisfaction of MPI.

Actions for the interception/detection of regulated non-plant pests will be in accordance with the actions required by the relevant government department.

Lots contaminated with more than 0.05% weight of extraneous plant material (e.g. leaves, twigs, soil) in the 600-unit sample shall be treated, re-shipped or destroyed.

Lots contaminated with seeds in the 600-unit sample will result in the lot either being held until an assessment has been made in comparison with the risk of importing the plant species concerned, treated, re-shipped or destroyed.

Lots containing propagatable units in the audit sample will result in the suspension of trade in the commodity with the country of origin until the cause of the non-compliance is investigated, identified, and rectified to the satisfaction of MPI.

6.7 BIOSECURITY CLEARANCE

If regulated pests are not detected, or are successfully treated following interception/detection, and there is no evidence to suggest the plant material is propagatable, biosecurity clearance will be given.

6.8 FEEDBACK ON NON-COMPLIANCE

The NPPO will be informed by the Director, Plants, Food & Environment, MPI, of the interception (and treatment) of any regulated pests, “unlisted” pests, or non-compliance with other phytosanitary requirements.

7 Contingencies Following Biosecurity Clearance

Should a regulated pest be detected subsequent to biosecurity clearance, MPI may implement a management programme (official control programme) in accordance with the Biosecurity Act 1993.

Appendix 1 (a)

List of Regulated Pests Potentially Associated with Cut Foliage and Branches of *Cordyline* and *Dracaena*

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
Higher Risk Organisms				
Micro-organisms				
<i>Calonectria ilicicola</i> (anamorph <i>Cylindrocladium crotalariae</i>)	Fungus	Root and stem rot	PFA, Fungicide & Devitalisation	Reship or Destroy - trade suspended
<i>Xylella fastidiosa</i> (including insect vectors) (<i>Cordyline</i> spp. only)	Bacteria		PFA, Fumigation ¹	Reship or Destroy – trade suspended
Insects				
<i>Liriomyza huidobrensis</i>	Agromyzidae	Pea leafminer	PFA, PFPP, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Liriomyza trifolii</i>	Agromyzidae	American serpentine leafminer	PFA, PFPP, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Maconellicoccus hirsutus</i>	Pseudococcidae	Hirsutus mealybug	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Orthezia insignis</i>	Ortheziidae	Greenhouse mealybug	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Phenacoccus solani</i>	Pseudococcidae	Solanum mealybug	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Planococcus minor</i>	Pseudococcidae	Pacific mealybug	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Protopulvinaria pyriformis</i>	Coccidae	Pyriform scale	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Pseudococcus jackbeardsleyi</i>	Pseudococcidae	Jack Beardsley mealybug	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Pseudococcus maritimus</i>	Pseudococcidae	Grape mealybug	PFA, Fumigation, Heat	Reship or Destroy - trade suspended
<i>Xyleborus affinis</i>	Scolytidae	Shot hole borer	PFA, PFPP, Visual inspection	Reship or Destroy - trade suspended
<i>Xyleborus ferrugineus</i>	Scolytidae	Ambrosia beetle	PFA, PFPP, Fumigation	Reship or Destroy - trade suspended
<i>Xyleborus perforans</i>	Scolytidae	Island pinhole borer	PFA, PFPP, Fumigation	Reship or Destroy - trade suspended
<i>Xylosandrus crassiusculus</i>	Scolytidae	Ambrosia beetle	PFA, PFPP, Visual inspection	Reship or Destroy - trade suspended
Arachnids				
<i>Tetranychus kanzawai</i>	Tetranychidae	Kanzawa mite	PFA, PFPP, Fumigation, Heat	Reship or Destroy - trade suspended
Molluscs				
<i>Bradybaena similaris</i>	Bradybaenidae	White snail	PFA, PFPP, Fumigation, Heat	Reship or Destroy - trade suspended

¹ Fumigation is recognised as efficacious against insect vectors of *X. fastidiosa*

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
Lower or Unknown Risk Organisms				
Micro-organisms				
<i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i>	Bacterium	Bacterial leaf spot	PFA, Devitalisation	Treatment, Reshipping or Destruction
<i>Anthostomella sphaeroidea</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Aplosporella dracaenarum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Ascochyta dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Ascochyta dracaenicola</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Ascochyta poonensis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Aspergillus niger</i> [floridanus strain]	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Asterina cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Botryodiplodia dracaenicola</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Botryosporium longibrachiatum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Capnodopsis</i> sp.	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Catenulaster batistae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Ceratocystis paradoxa</i> (anamorph <i>Chalara paradoxa</i>)	Fungus	Cane rot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Cercospora cordylines</i>	Fungus	Cercospora leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Cercospora dracaenae</i>	Fungus	Cercospora leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Choreospora tibellii</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Cladosporium dracaenatum</i>	Fungus	On leaves	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Cochliobolus stenospilus</i> (anamorph <i>Bipolaris stenospila</i>)	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Colletotrichum dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Colletotrichum dracaenae-fragrantis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Colletotrichum dracaenicola</i>	Fungus	Anthracnose	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Coniothyrium dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Corticium vagum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Curvularia brachyspora</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Curvularia fallax</i>	Fungus	Curvularia leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Cylindrocarpon effusum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Daedalea effusa</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Dictyoarthrinium sacchari</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction

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Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
<i>Diplodia cytisi</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Diplodia dracaenae</i>	Fungus	Dieback	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Diplodina dracaenicola</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Dothiorella dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Fusarium phyllophilum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Fusarium proliferatum</i> var. <i>minus</i>	Fungus	Leaf proliferosis	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Gloeosporium dracaenicola</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Gloeosporium polymorphum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Gloeosporium thumenii</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Glomerella cincta</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Gloniella draconis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Guignardia dracaenae</i>	Fungus	Guignardia spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Helminthosporium</i> sp.	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Hendersonia dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Kellermania anomala</i>	Fungus	On leaves	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Kutilakesopsis macalpinae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Lasiosphaeria draconis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Lembosia orbicularis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Leptosphaerella cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Leptosphaeria convallariae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Leptosphaeria convallariae dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Leptosphaeria cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Leptosphaeria dracaenae</i>	Fungus	Anthracnose	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Leptosphaeria draconis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Lophodermium dracaenae</i>	Fungus	Anthracnose	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Macrophoma bakeri</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Macrophoma cordylines</i>	Fungus	Dieback	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Macrophoma draconis</i>	Fungus	Dieback	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Macrophomina draconis</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Meliola dracaenae</i>	Fungus	Black mildew	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Meliola dracaenicola</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Meliola interrupta</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction

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<i>Meliola subdentata</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Microcopeltis cassipoureae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Microsphaeropsis concentrica</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Microsphaeropsis draconis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Morenoina dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Mycoleptodiscus indicus</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Mycosphaerella dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Myxosporium dracaenicola</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Nectria flavolanata</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Nectria mauritiicola</i> (anamorph <i>Rhizostilbella hibisci</i>)	Fungus	Basal cane rot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Nectriella pironii</i> (anamorph <i>Kutilakesa pironii</i>)	Fungus	Stem gall	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Paraphaeosphaeria obtusispora</i> (anamorph <i>Coniothyrium henriquesii</i>)	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pestalozzina cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phaeotrichoconis</i> sp.	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phoma dracaenae</i>	Fungus	Rot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phomopsis cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phomopsis dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllachora nervisequens</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllosticta cordylines</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllosticta cordylinophila</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllosticta draconis</i> (syn <i>P. dracaenae</i>)	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllosticta hesperidearum</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllosticta macropycnidia</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllosticta maculicola</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllostictella draconis</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Phyllostictina cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Physalospora dracaenae</i>	Fungus	Tip Blight, Leaf Spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Placoasterella schweinfurthii</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Plectosphaera amphidyma</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pleospora baldratiana</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pleospora calida</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pleospora herbarum</i> f.sp. <i>dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction

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<i>Pleospora pezizoides</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pseudocercospora dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pucciniopsis guaranitica</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Pythium aphanidermatum</i>	Fungus	Root rot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Rigidiporus lignosus</i> (anamorph <i>Fomes lignosus</i>)	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Rosellinia echinata</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Sphaerobolus stellatus</i>	Fungus	On mulch shot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Sphaerulina paulistana</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Stylina disticha</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Uromyces holubii</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Ustilago dracaenae</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Ustilago trabutiana</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Vermicularia concentrica</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Zetiaspizna cordylines</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Zygosporium echinosporum</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Zygosporium geminatum</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Zygosporium minus</i>	Fungus		PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
<i>Zygosporium oscheoides</i>	Fungus	Leaf spot	PFA, Fungicide & Devitalisation	Treatment, Reshipping or Destruction
Impatiens necrotic spot tospovirus	Virus	-	PFA, Devitalisation	Reshipping or Destruction
unidentified virus	Virus	-	PFA, Devitalisation	Reshipping or Destruction

Insects

<i>Abgrallaspis cyanophylli</i>	Diaspididae	Cyanophyllum scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Affirmaspis socotrana</i>	Coccidae	Cyanophyllum scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Aleurodicus dispersus</i>	Aleyrodidae	Spiralling whitefly	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Amorbia emigratella</i>	Tortricidae	Mexican leafroller	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Anchastus swezeyi</i>	Elateridae	Click beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Aonidiella inornata</i>	Diaspididae	Inornate scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Aonidiella lauretorum</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Aonidiella tinerfinensis</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Archips micaceanus</i> (syn <i>Cacoecia micaceana</i>)	Tortricidae	Leafroller	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Artitropa comus</i>	Hesperiidae	Skipper butterfly	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction

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<i>Aspidiotus spinosus</i>	Diaspididae	Spinose scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Bemisia cordylinidis</i>	Aleyrodidae	Whitefly	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Brachydactyla discoidea</i>	-	Leaf beetle	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Bulbifer homeorhynchus</i>	Curculionidae	Weevil	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Catamacta lotinana</i>	Tortricidae	Tortricid	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Chaetanaphothrips signipennis</i>	Thripidae	Banana rust thrips	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Chrysomphalus aonidum</i>	Diaspididae	Florida red scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Chrysomphalus dictyospermi</i>	Diaspididae	Spanish red scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Chrysomphalus diversicolor</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Chrysomphalus pinnulifera</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Cilaeoepplus swezeyi</i>	Nitidulidae	Dried fruit beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Coccus viridis</i>	Coccidae	Green scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Conoderus eveillardii</i>	Elateridae	Click beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Diaprepes abbreviatus</i>	Curculionidae	Citrus weevil	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Dysmicoccus brevipes</i>	Pseudococcidae	Pineapple mealybug	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Dysmicoccus nesophilus</i>	Pseudococcidae	Scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Echinothrips americanus</i>	Thripidae	Thrips	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Elytroteinus subtruncatus</i>	Curculionidae	Fijian ginger weevil	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Eublemma rufimixta</i>	Noctuidae	Noctuid moth/leafroller	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Eucalymnatus tessellatus</i>	Coccidae	Tessellated scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Ferrisia virgata</i>	Pseudococcidae	Striped mealybug	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Fiorinia fioriniae</i>	Diaspididae	Fiorinia or Avocado scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Frankliniella occidentalis</i> [strain]	Thripidae	Western flower thrips	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Hemiberlesia palmae</i>	Diaspididae	Palm scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Howardia biclavis</i>	Diaspididae	Mining scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Icerya seychellarum</i>	Margarodidae	Seychelles scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Insulaspis orsoni</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Ischnaspis longirostris</i>	Diaspididae	Black thread scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Kandyosilis cochleata</i>	Cantharidae	Soldier beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Kilifia acuminata</i>	Coccidae	Acuminate scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Lepidosaphes tokionis</i>	Diaspididae	Croton mussel scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Levcaspis cordylinidis</i>	-	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction

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<i>Lopholeucaspis cockerelli</i>	Diaspididae	Cockerell scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Melanaspis corticosa</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Melanaspis elaeagni</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Melanaspis nigropunctata</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Milviscutulus mangiferae</i>	Coccidae	Mango shield scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Mycetaspis personata</i>	Diaspididae	Plumose scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Mycetaspis sphaerioides</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Nasutitermes corniger</i>	Termitidae	Termite	None Required	None (not required)
<i>Neoselenaspis silvaticus</i>	Diaspididae	Silvaticus scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Nipaecoccus nipae</i>	Pseudococcidae	Coconut mealybug	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Opogona sacchari</i>	Tineidae	Banana moth	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Opuntiaspis carinata</i>	Diaspididae	Carinate scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Oryctes monoceros</i>	Scarabaeidae	Cocnut beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Oviticoccus agavium</i>	Eriococcidae	Agave ovaticoccin	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Parlatoria proteus</i>	Diaspididae	Orchid scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Phenacaspis tangana</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pinnaspis buxi</i>	Diaspididae	Ti scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pinnaspis dracaenae</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pinnaspis strachani</i>	Diaspididae	Hibiscus snow scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pinnaspis theae</i>	Diaspididae	Armoured scale	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Proterhinus vestitus</i>	Curculionidae	Weevil	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Pseudaonidia trilobitiformis</i>	Diaspididae	Trilobite scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pseudaulacaspis cockerelli</i>	Diaspididae	Cockerell's scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pseudischnaspis bowreyi</i>	Diaspididae	Bowrey scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pseudococcus floriger</i>	Pseudococcidae	Mealybug	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Pseudococcus orchidicola</i>	Pseudococcidae	Scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Ptilodactyla exotica</i>	Ptilodactylidae	Toed-winged beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Pulvinaria urbicola</i>	Coccidae	Urbicola soft scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Rhizoecus amorphophalli</i>	Pseudococcidae	Scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Rhizoecus floridanus</i>	Pseudococcidae	Florida ground mealybug	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Rhizoecus simplex</i>	Pseudococcidae	Scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Rhodogastria carneola</i>	Arctiidae	Skeletonizer	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
<i>Sardia pluto</i>	Delphacidae	Delphacid planthopper	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Scyphophorus acupunctatus</i>	Curculionidae	Agave weevil	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Selenaspidus antsingyi</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Selenaspidus articulatus</i>	Diaspididae	West Indian red scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Selenaspidus littoralis</i>	Diaspididae	Armoured scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Taeniothrips samdensis</i>	Thripidae	Thrips	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Tetramorium bicarinatum</i>	Formicidae	Guniea ant	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Voraspiis tangana</i>	Coccidae	Scale	PFA, Fumigation, Heat	Treatment, Reshipping or Destruction
<i>Xyleborus rugatus</i>	Scolytidae	Ambrosia beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Xylopsocus capucinus</i>	Bostrichidae	False powder post beetle	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
Arachnids				
<i>Asca spicata</i>	Ascidae	Ascid mite	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Cheletogenes ornatus</i>	Cheyletidae	Cheyletid mite	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Cochlodispus operosus</i>	Trombiculidae	Mite	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Phytoseius hongkongensis</i>	Phytoseiidae		PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
<i>Tetranychus hydrangeae</i>	Tetranychidae	Spider mite	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
Molluscs				
<i>Succinea costaricana</i>	Succineidae	Snail	PFA, PFPP, Visual inspection	Treatment, Reshipping or Destruction
Nematodes				
<i>Rotylenchulus reniformis</i>	Nematode	Reniform nematode	None Required	None (not required)

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

Appendix 1 (b)

List of Non-Regulated Pests Potentially Associated with Cut Foliage and Branches of *Cordyline* and *Dracaena*

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
Micro-organisms				
<i>Erwinia carotovora</i> subsp. <i>carotovora</i>	Bacterium	Bacterial soft rot	None Required	None
<i>Erwinia chrysanthemi</i>	Bacterium	Bacterial soft rot	None Required	None
<i>Erwinia chrysanthemi</i> pv. <i>zeae</i>	Bacterium	Bacterial soft rot	None Required	None
<i>Pseudomonas marginalis</i>	Bacterium	Leaf spot	None Required	None
<i>Xanthomonas campestris</i>	Bacterium	Xanthomonas blight	None Required	None
<i>Acremonium charticola</i>	Fungus	Frescu endophyte	None Required	None
<i>Alternaria alternata</i>	Fungus	Black stalk rot	None Required	None
<i>Alternaria tenuissima</i>	Fungus	Nailhead spot	None Required	None
<i>Aspergillus niger</i>	Fungus	Wilt, stem rot	None Required	None
<i>Athelia rolfsii</i> (anamorph <i>Sclerotium rolfsii</i>)	Fungus	Rolf's disease	None Required	None
<i>Auricularia cornea</i>	Fungus	-	None Required	None
<i>Auricularia polytricha</i>	Fungus		None Required	None
<i>Botryosphaeria rhodina</i>	Fungus	Leaf spot/ root rot	None Required	None
<i>Botryotinia fuckeliana</i> (anamorph <i>Botrytis cinerea</i>)	Fungus	Gray mold	None Required	None
<i>Calonectria kyotensis</i> (anamorph <i>Cylindrocladium scoparium</i>)	Fungus	Stem rot	None Required	None
<i>Cladosporium cladosporioides</i>	Fungus	Leaf spot	None Required	None
<i>Cochliobolus lunatus</i> (anamorph <i>Curvularia lunata</i>)	Fungus	Leaf spot	None Required	None
<i>Colletotrichum capsici</i>	Fungus	Anthrachnose	None Required	None
<i>Colletotrichum dematium</i>	Fungus	Cutting rot	None Required	None
<i>Corticium cordyline</i>	Fungus		None Required	None
<i>Corynespora cassicola</i>	Fungus	Leaf spot	None Required	None
<i>Endophragmiella uniseptata</i>	Fungus		None Required	None
<i>Flammulaster foliicola</i>	Fungus		None Required	None
<i>Fusarium coeruleum</i>	Fungus	Fusarium rot	None Required	None
<i>Fusarium moniliforme</i>	Fungus	Mould	None Required	None
<i>Fusarium moniliforme</i> var. <i>intermedium</i>	Fungus	Mould	None Required	None
<i>Fusarium oxysporum</i>	Fungus	Crown and root rot	None Required	None
<i>Fusarium pallidoroseum</i>	Fungus	Root rot	None Required	None

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
<i>Gibberella fujikuroi</i> (anamorph <i>Fusarium fujikuroi</i>)	Fungus	Fusarium leaf spot	None Required	None
<i>Gibberella intricans</i> (anamorph <i>Fusarium equiseti</i>)	Fungus	Leaf spot	None Required	None
<i>Gibberella subglutinans</i> (anamorph <i>Fusarium subglutinans</i>)	Fungus	Basal stem rot	None Required	None
<i>Glomerella cingulata</i> (anamorph <i>Colletotrichum gloeosporioides</i>)	Fungus	Anthracnose, leaf spot	None Required	None
<i>Hyaloscypha dematiicola</i>	Fungus		None Required	None
<i>Hypoderma cordyline</i>	Fungus		None Required	None
<i>Lasiodiplodia theobromae</i>	Fungus	Basal stem rot	None Required	None
<i>Lophodermium multimatricum</i>	Fungus		None Required	None
<i>Melanocephala cupulifera</i>	Fungus		None Required	None
<i>Nectria erubescens</i>	Fungus		None Required	None
<i>Nectria haematococca</i> (anamorph <i>Fusarium solani</i>)	Fungus	Cane and stem rot	None Required	None
<i>Nectria pertusoides</i>	Fungus		None Required	None
<i>Nectria radialis</i> var. <i>macroconidialis</i>	Fungus		None Required	None
<i>Periconiella cordyline</i>	Fungus		None Required	None
<i>Phanerochaete cordyline</i>	Fungus		None Required	None
<i>Phellinus gilvus</i>	Fungus		None Required	None
<i>Phellinus scrupeus</i>	Fungus		None Required	None
<i>Physalospora rhodina</i> (anamorph <i>Botryodiplodia theobromae</i>)	Fungus		None Required	None
<i>Phytophthora cinnamomi</i>	Fungus	Basal stem and root rot	None Required	None
<i>Phytophthora drechsleri</i>	Fungus	Phytophthora rot	None Required	None
<i>Phytophthora nicotianae</i> var. <i>parasitica</i>	Fungus	Cutting, leaf and stem rot	None Required	None
<i>Pleuroflammula praestans</i>	Fungus		None Required	None
<i>Poria cordylina</i>	Fungus		None Required	None
<i>Pycnoporus cinnabarinus</i>	Fungus	White rot	None Required	None
<i>Pycnoporus coccineus</i>	Fungus	Branch canker	None Required	None
<i>Pythium splendens</i>	Fungus	Root rot	None Required	None
<i>Schizophyllum commune</i>	Fungus	Cane (wood) rot	None Required	None
<i>Schizopora paradoxa</i>	Fungus		None Required	None
<i>Simocybe tabacina</i>	Fungus		None Required	None
<i>Sphaeropsis cordyline</i>	Fungus		None Required	None
<i>Stemphylium lycopersici</i>	Fungus	Stemphylium fruit spot	None Required	None
<i>Stictis cordylinae</i>	Fungus		None Required	None

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
<i>Stictis dumontii</i>	Fungus		None Required	None
<i>Stictis lata</i>	Fungus		None Required	None
<i>Thanatephorus cucumeris</i> (anamorph <i>Rhizoctonia solani</i>)	Fungus	Leaf & stem rot	None Required	None
<i>Trametes versicolor</i>	Fungus	Cane rot	None Required	None
<i>Trichopelthea asiatica</i>	Fungus	Sooty blotch	None Required	None
Candidatus <i>Phytoplasma australiense</i>	Phytoplasma		None Required	None
Insects				
<i>Aonidiella aurantii</i>	Diaspididae	California red scale	None Required	None
<i>Aphenochiton pubens</i>	Coccidae	Scale	None Required	None
<i>Aphis spiraeicola</i>	Aphididae	Spirea aphid	None Required	None
<i>Aspidiotus nerii</i>	Diaspididae	Oleander scale	None Required	None
<i>Asynonychus cervinus</i>	Curculionidae	Fuller's rose weevil	None Required	None
<i>Balanococcus cordylinidis</i>	Pseudococcidae	Scale	None Required	None
<i>Chrysodeixis chalcites</i>	Noctuidae	Golden twin spot moth	None Required	None
<i>Coccus hesperidum</i>	Coccidae	Brown soft scale	None Required	None
<i>Coccus longulus</i>	Coccidae	Long brown scale	None Required	None
<i>Diaspis boisduvalii</i>	Diaspididae	Boisduval scale	None Required	None
<i>Eriococcus asteliae</i>	Eriococcidae	Scale	None Required	None
<i>Eriococcus setulosus</i>	Eriococcidae	Scale	None Required	None
<i>Hemiberlesia lataniae</i>	Diaspididae	Scale	None Required	None
<i>Hemiberlesia rapax</i>	Diaspididae	Greedy scale	None Required	None
<i>Hercinothrips femoralis</i>	Thripidae	Banded greenhouse thrips	None Required	None
<i>Lindingaspis rossi</i>	Diaspididae	Ross' black scale	None Required	None
<i>Macrosiphum euphorbiae</i>	Aphididae	Potato aphid	None Required	None
<i>Myzus persicae</i>	Aphididae	Green peach aphid	None Required	None
<i>Parasaissetia nigra</i>	Coccidae	Nigra scale	None Required	None
<i>Parlatoria pittospori</i>	Diaspididae	Mauve pittosporum scale	None Required	None
<i>Parthenothrips dracaenae</i>	Thripidae	Dracaena thrips	None Required	None
<i>Pheidole megacephala</i>	Formicidae	Big-headed ant	None Required	None
<i>Phloeococcus cordylinidis</i>	Eriococcidae	Scale	None Required	None
<i>Pinnaspis aspidistrae</i>	Diaspididae	Fern scale	None Required	None

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

Scientific Name	Organism Type	Common Name	MPI Approved Phytosanitary Treatment Options (see Note)	Contingency for interception
<i>Planococcus citri</i>	Pseudococcidae	Citrus mealybug	None Required	None
<i>Planococcus mali</i>	Pseudococcidae	Mealybug	None Required	None
<i>Pseudococcus calceolariae</i>	Pseudococcidae	Citrophilus mealybug	None Required	None
<i>Pseudococcus longispinus</i>	Pseudococcidae	Longtailed mealybug	None Required	None
<i>Pulvinaria floccifera</i>	Coccidae	Cottony camellia scale	None Required	None
<i>Pulvinaria psidii</i>	Coccidae	Green shield scale	None Required	None
<i>Rhizoecus dianthi</i>	Pseudococcidae	Root mealybug	None Required	None
<i>Rhizoecus falcifer</i>	Pseudococcidae	Root mealybug	None Required	None
<i>Saissetia coffeae</i>	Coccidae	Hemispherical scale	None Required	None
<i>Saissetia oleae</i>	Coccidae	Black olive scale	None Required	None
<i>Trialeurodes vaporariorum</i>	Aleyrodidae	Greenhouse whitefly	None Required	None
<i>Xyleborinus saxeseni</i>	Scolytidae	Fruit tree pinhole borer	None Required	None
Anachnids				
<i>Tetranychus cinnabarinus</i>	Tetranychidae	Carmine spider mite	None Required	None
<i>Tetranychus lambi</i>	Tetranychidae	Strawberry spider mite	None Required	None
<i>Tetranychus urticae</i>	Tetranychidae	Two spotted mite	None Required	None

Note: PFA = Pest Free Area; PFPP = Pest Free Place of Production; Fungicide = Pre-Harvest Fungicide Treatment; Fumigation = Methyl Bromide Fumigation; Heat = Hot-water Immersion Treatment or Heat Vapour Treatment.

i) For countries recognised by MPI as free of *P. ramorum*

The following Additional Declaration shall be endorsed on the phytosanitary certificate:
“The plants have been sourced from a “Pest free area”, free from *Phytophthora ramorum*”

Note: The following countries are presently recognised by MPI as free of
Phytophthora ramorum:
Australia, Israel, Japan, and South Africa.

ii) For countries with MPI approved programs (see below)

The following Additional Declaration shall be endorsed on the phytosanitary certificate:
“The plants have been sourced from a NZ MPI approved Pest Free Place of Production for *Phytophthora ramorum*”

Note: No countries presently have MPI approved Pest Free Place of Production programmes for
Phytophthora ramorum.

Countries wishing to export *P. ramorum* host material to New Zealand under option ii are required to develop a *P. ramorum* pest free place of production program and present it to MPI for evaluation. Prior to accepting a program MPI Plant Imports will evaluate whether they meet the criteria below:

- systems to establish and maintain pest freedom;
- systems to establish and maintain an appropriate buffer zone (as defined by ISPM 10);
- verification that pest freedom has been attained or maintained. This must include laboratory testing of propagative material, water, soil or other growing media, and other material coming into contact with propagative material; and
- product identity, consignment integrity and phytosanitary security.

iii) For nursery stock sourced from MPI approved offshore facilities

Specific measures are detailed in the agreement between MPI and the approved facility.

2.2.1.12 Measures for *Xylella fastidiosa*

The following measures only apply to nursery stock (whole plants, cuttings and dormant bulbs) identified within the schedule of special conditions as hosts of *Xylella fastidiosa*.

- There is a CTO direction (CTOPlants: 2016004) in place for all nursery stock from Costa Rica.

i) For countries recognised by MPI as free from *Xylella fastidiosa*

All phytosanitary certificates must be endorsed with the following additional declaration:

“The plants in this consignment have only been grown in, and exported from, the country of origin [*insert country name*], which is free from *Xylella fastidiosa*”

ii) For all other countries

‘1. Additional declaration’ AND ‘2. Pre-determined testing in post entry quarantine’ must be met for nursery stock imported under this option.

1. Additional declaration:

All phytosanitary certificates must be endorsed with the following additional declaration:

“The plants in this consignment have only been grown in, and exported from, a “Pest free area” [insert area name] or “Pest free place of production” [insert place name], which is free from *Xylella fastidiosa*”.

2. Pre-determined testing in post entry quarantine:

PEQ: Level 2 (unless a higher level of PEQ is required in the schedule of special conditions)

Minimum period: 6 months

The plants must be tested for *Xylella fastidiosa* during the PEQ period, at an MPI approved diagnostic facility, as described below:

- The minimum PEQ period will be 6 months, as this is the time required to complete growing inspections and testing for *Xylella fastidiosa*. For example:
 - For schedules which identify a minimum period of 3 months, the minimum PEQ period will be extended to 6 months
 - For schedules with a minimum period longer than 6 months, the longer period will apply.
- Samples must be collected and tested at the end of the summer (or ‘summer-like’) period;
 - The unit for testing is defined in section 2.3.2.1 “Pre-determined testing”
 - Plants shall be sampled from at least four positions; including a minimum of two young, fully expanded leaves at the top of the stem and two older leaves from a midway position
 - The samples must be tested by PCR for *Xylella fastidiosa*
 - All samples must test negative

iii) For nursery stock sourced from MPI approved offshore facilities

Specific measures are detailed in the agreement between MPI and the approved facility.

Guidance:

The following countries are not recognised by MPI as free from *Xylella fastidiosa*:

- **All countries in Europe, the America’s and the Caribbean**
- **Asia:** India, Taiwan
- **Near East:** Iran

The full list of countries which are not recognised by MPI as free from *Xylella fastidiosa* can be viewed on the website: [Xylella fastidiosa](#)

2.2.1.13 Measures for *Phellinus noxius*

The following measures only apply to whole plants including rooted cuttings (not dormant bulbs or unrooted cuttings), identified within the schedule of special conditions as hosts of Phellinus noxius

i) For countries recognised by MPI as free from *Phellinus noxius*

The following Additional Declaration must be endorsed on the phytosanitary certificate:

“The plants have been sourced from a country free from *Phellinus noxius*”

ii) For all other countries

One of the following additional declarations must be endorsed on the phytosanitary certificate:

- a) “The plants were raised from seed/cuttings in soil-less rooting media in containers maintained out of contact with the soil”

OR, for areas approved by MPI

- b) “The plants have been sourced from a “Pest free area”, [*insert area name*], free from *Phellinus noxius*”.

Guidance:

Countries where *Phellinus noxius* is known to be present:

- **Africa:** Angola, Benin, Burkina, Cameroon, Central African Republic, Cote d’Ivoire Democratic Republic of Congo, Faso, Gabon, Ghana, Kenya, Liberia, Nigeria, Sierra Leone, Tanzania, Togo, Uganda
- **Asia:** Andaman Islands, China, Islands of China, East Indies, India, Indonesia, Islands of Japan, Malay Peninsula, Malaysia, Myanmar, Nicobar Islands, Pakistan, Philippines, Singapore, Sri Lanka, Taiwan, Vietnam
- **Central America & Caribbean:** Brazil, Costa Rica, Cuba
- **Oceania:** American Samoa, Australia (NSW, Queensland), Fiji, Mariana Islands, New Guinea, Papua New Guinea, Samoa, Vanuatu

2.2.1.14 Post-Entry Quarantine

Following arrival in New Zealand all nursery stock, unless specified in the schedules of special entry conditions, must undergo a period of post entry quarantine (PEQ) in order to check for the presence of regulated pests and/or diseases.

PEQ will be carried out in a transitional facility registered in accordance with the Facility Standard: Post Entry Quarantine for Plants (MPI.STD.PEQ). The nursery stock must be actively growing throughout the quarantine period. The quarantine period:

- Will be a minimum of 3 months for species with a nursery stock import specification of ‘L2 (Basic)’ as indicated in the Plants Biosecurity Index (PBI); or
- Will be the minimum period stated in the schedule of special entry conditions

The quarantine period may be extended if material is slow growing, pests and diseases are detected, testing or treatments required.

The MPI Inspector has full authority to determine when the plant material may receive biosecurity clearance.

A list of MPI-accredited post entry quarantine facilities is available on MPI’s website: <http://www.mpi.govt.nz/news-and-resources/resources/registers-and-lists/post-entry/>

2.2.2 ENTRY CONDITIONS FOR TISSUE CULTURE

2.2.2.1 Labelling

Cultures must be clearly identified with their scientific name (genus and species).

2.2.2.2 Cleanliness & Tissue Culture Media

Cultures imported in growing media must have been grown in the vessel in which they are imported. The vessel (rigid container, bag or pottle) must be pest proof and transparent. The tissue culture medium must not contain fungicides or antibiotics. Plants in tissue culture must be produced in a facility under conditions that prevent contamination with regulated pests.

2.2.2.3 Phytosanitary Certificate

Cultures must be accompanied by a phytosanitary certificate, certifying that the nursery stock has been inspected in the exporting country according to appropriate procedures and conforms with New Zealand's current entry conditions.

For **plantlets recently removed from *in-vitro* tissue culture**, the following additional declaration must be identified upon the phytosanitary certificate:

"These plantlets were removed from the original culture container(s) in which they were grown, not more than 48 hours before export, and have not been in contact with any other growing media".

2.2.2.4 Import Permit

An import permit is required when the schedule of special conditions states that:

- An import permit is a required document;
- The cultures require a period of growth in post entry quarantine;
- The cultures must meet the requirements of section 2.2.2.5 "Measures for *Xylella fastidiosa* on tissue culture" **and** the tissue cultures will be imported under section 2.2.2.5 part ii (requiring PEQ and pre-determined testing).

2.2.2.5 Measures for *Xylella fastidiosa* on tissue culture

The following measures only apply to nursery stock (tissue cultures) identified within the schedule of special conditions as hosts of Xylella fastidiosa.

i) **For countries recognised by MPI as free from *Xylella fastidiosa***

OPTION 1: Both the tissue cultures AND the mother plants have only been grown in the country of origin, AND this can be certified by the exporting NPPO.

All phytosanitary certificates must be endorsed with the following additional declaration:

"The tissue cultures/plants in-vitro in this consignment, and the plants they were derived from, have only been grown in the country of origin, [insert country name], which is free from *Xylella fastidiosa*".

Note: PEQ is not required for tissue cultures imported under this option, unless PEQ is a requirement of the schedule of special entry conditions.

OPTION 2: The country of origin of the mother plants is not the same as the country of origin of the tissue cultures.

The tissue cultures must meet the requirements for tissue cultures from all other countries.

ii) **For all other countries**

'1. Additional declaration' AND '2. Pre-determined testing in post entry quarantine' must be met for tissue cultures imported under this option.

1. Additional declaration:

All phytosanitary certificates must be endorsed with the following additional declaration:

“The tissue cultures/plants in-vitro in this consignment, and the plants they were derived from, have only been grown in a “Pest free area” [insert area name] or “Pest free place of production” [insert place name], which is free from *Xylella fastidiosa*”.

2. Pre-determined testing in post entry quarantine:

PEQ: Level 2 (unless a higher level of PEQ is required in the schedule of special conditions)

Minimum period: 6 months (in the PEQ greenhouse)

The plants must be tested for *Xylella fastidiosa* during the PEQ period, at an MPI approved diagnostic facility, as described below:

- The minimum PEQ period will be 6 months, as this is the time required to complete growing season inspections and testing for *Xylella fastidiosa*. For example:
 - For schedules which identify a minimum period of 3 months, the minimum PEQ period will be extended to 6 months
 - For schedules with a minimum period longer than 6 months, the longer period will apply.
- Samples must be collected and tested at the end of the summer (or ‘summer-like’) period;
 - The unit for testing is defined in section 2.3.2.1 “Pre-determined testing”.
 - Plants shall be sampled from at least four positions; including a minimum of two young, fully expanded leaves at the top of the stem and two older leaves from a midway position.
 - The samples must be tested by PCR for *Xylella fastidiosa*
 - All samples must test negative

iii) **For nursery stock sourced from MPI approved offshore facilities**

Specific measures are detailed in the agreement between MPI and the approved facility.

Guidance:

The following countries are not recognised by MPI as free from *Xylella fastidiosa*:

- **All countries in Europe, the America’s and the Caribbean**
- **Asia:** India, Taiwan
- **Near East:** Iran

The full list of countries which are not recognised by MPI as free from *Xylella fastidiosa* can be viewed on the website: [Xylella fastidiosa](#)

2.2.2.6 Post-Entry Quarantine for tissue cultures

Tissue cultures only require a period of post entry quarantine in order to check for the presence of regulated pests and/or diseases when the schedule of special conditions states:

- The cultures require a period of growth in post entry quarantine; AND/OR
- The cultures must meet the requirements of section 2.2.2.5 “Measures for *Xylella fastidiosa* on tissue culture” **and** will be imported under section 2.2.2.5 part ii (requiring PEQ and pre-determined testing).

Post entry quarantine will be carried out in a transitional facility registered in accordance with the Facility Standard: Post Entry Quarantine for Plants (MPI.STD.PEQ). The nursery stock must be actively growing throughout the quarantine period. The quarantine period:

- Will be the minimum period stated in the schedule of special entry conditions, which may be extended if pre-determined testing is required.
- May be extended if material is slow growing, pests and diseases are detected, testing or treatments required.

Tissue cultures must be deflasked into a PEQ greenhouse for the completion of growing season inspections and testing, unless the schedule of special conditions states that they must be held in a PEQ Tissue culture laboratory:

- For tissue cultures that must be held in a PEQ Tissue culture laboratory for the duration of the PEQ period, the quarantine period will begin when the plants arrive at the PEQ facility and are held under the conditions specified in the schedule of special conditions (e.g. temperature requirements). Sub-culturing during the PEQ period must not occur.
- For tissue cultures that must be grown in a PEQ greenhouse, the quarantine period will begin when the plants are deflasked in the greenhouse. Prior to deflasking tissue cultures into the PEQ greenhouse, individual imported tissue culture plantlets may be sub-cultured to enable multiplication of tissue-cultured plant material during the PEQ period, as described below.
 - At least one sub-culture must be developed to the stage where it can be deflasked and transferred to the glasshouse for the completion of growing season inspections and testing. In cases where only one culture is obtained from the first round of sub-culturing, a culture for deflasking must be taken during the first appropriate multiplication. Traceability must be maintained to the individual imported tissue culture plantlet.
 - Other subcultures derived from the same individual imported tissue culture plantlet may be kept in culture at a PEQ Tissue culture laboratory, and may be multiplied further during the PEQ period. The level of PEQ Tissue culture laboratory must be the same (or higher) as that required for the greenhouse plants; however, a Level 3 tissue culture laboratory is suitable for species which require either a Level 3A or 3B PEQ greenhouse. Provided traceability to the individual imported tissue culture plantlet (and greenhouse plant) is maintained, this progeny may also be given biosecurity clearance.

The MPI Inspector has full authority to determine when the plant material may receive biosecurity clearance.

2.2.3 IMPORTATION OF POLLEN

The schedule of special conditions must list pollen as an approved commodity type for