

CTO Decision Document PP_Dec_Dir2020106 - Urgent measures for newly identified hosts of *Xylella fastidiosa* on the Import Health Standard 155.02.06: *Importation of Nursery Stock*, and a minor amendment to the *Arbutus*, *Chrysanthemum*, *Cichorium* and *Metrosideros* schedules

ISSUE:

The bacterium *Xylella fastidiosa* is a regulated pest that is known to pose a significant risk to New Zealand. Fifteen new genera have been identified as hosts of *X. fastidiosa* by the European Food Safety Authority (EFSA) in their 2018 and 2020 updates to their list of susceptible host plants. These host genera are eligible for import into New Zealand, but are not appropriately managed for *X. fastidiosa* under the current Import Health Standard (IHS) 155.02.06: *Importation of Nursery Stock*. An urgent amendment is necessary to establish phytosanitary measures to properly manage the risk of *X. fastidiosa* on these genera of imported plant material (whole plants, bulbs, cuttings and tissue culture).

A minor amendment is also required to address spelling mistakes in the *Arbutus*, *Chrysanthemum*, *Cichorium* and *Metrosideros* schedules of the IHS 155.02.06: *Importation of Nursery Stock*.

BACKGROUND:

The bacterium *X. fastidiosa* is a regulated pest that is known to pose a significant risk to New Zealand. It is included on MPI's Priority Plant Pests and Diseases List that would pose a serious threat if they were to establish in New Zealand. MPI monitors new information about *X. fastidiosa* for any changes in hosts and distribution, and makes changes to the IHS as required. As such, the nursery stock IHS was urgently amended seven times since 2016 to incorporate measures for *X. fastidiosa* on the plants for planting pathway:

- CTO decision 20160321: New host plant associations and geographic distribution for the pathogen *Xylella fastidiosa*
- CTO decision 201610: Urgent amendment 155.02.06: Importation of nursery – emergency measures to manage *Xylella fastidiosa*
- CTO decision 20161220: Urgent amendment 155.02.06: Importation of nursery – Provisional measures to manage *Xylella fastidiosa* on the nursery stock pathway
- CTO decision 201701: Urgent amendment 155.02.06: Importation of nursery stock – provisional measures to manage *Xylella fastidiosa* on the tissue culture pathway (nursery stock)
- CTO decision 20180313: Urgent amendment 155.02.06: Importation of nursery stock – provisional measures to manage *Xylella fastidiosa* on *Euryops*
- CTO decision 20190103: CTO Direction for new host plant species for *Xylella fastidiosa* CTOPlantDir:20190005
- CTO decision 20191112: PP:Dec_Dir2019031 Urgent amendment to IHS 155.02.06: Importation of Nursery Stock – provisional measures to manage *Xylella fastidiosa* on *Elaeagnus* and minor amendment to the *Actinidia* schedule and section 2.2.1.12

As per [CTO decision 201610](#), in all cases when a single species is identified as a host of *X. fastidiosa* all species within the genus should be regulated. As such, fifteen plant genera

eligible for import into New Zealand were identified as hosts for *X. fastidiosa* following the 2018 and 2020 update by the European Food Safety Authority (EFSA) to their list of susceptible host plant species (EFSA 2018, 2020):

Genus	Import specification
<i>Amaranthus</i> spp.	L2 (Basic)
<i>Arctostaphylos</i> spp.	L2 see 155.02.06 under <i>Arbutus</i>
<i>Dendranthema</i> spp.	L2 see 155.02.06 under <i>Chrysanthemum</i> L2 see 155.02.06 under <i>Chrysanthemum morifolium</i>
<i>Eriogonum</i> spp.	L2 (Basic)
<i>Fagopyrum</i> spp.	L2 (Basic)
<i>Leptospermum</i> spp.	L2, L3 see 155.02.06 under <i>Metrosideros</i>
<i>Osteospermum</i> spp.	L2 (Basic)
<i>Phlomis</i> spp.	L2 (Basic)
<i>Robinia</i> spp.	L2 (Basic)
<i>Santolina</i> spp.	L2 see 155.02.06 under <i>Chicorium</i>
<i>Sophora</i> spp.	L2 (Basic)
<i>Stachys</i> spp.	L2 (Basic)
<i>Strelitzia</i> spp.	L2 (Basic)
<i>Teucrium</i> spp.	L2 (Basic)
<i>Wisteria</i> spp.	L2 (Basic)

It is proposed that the IHS 155.02.06 *Importation of Nursery Stock* is urgently amended to ensure effective risk management of these newly identified hosts of *X. fastidiosa*, as currently this IHS does not have measures to effectively manage the risk of *X. fastidiosa* on these host plant genera. The import pathway is open for all the newly identified host genera from all countries, including those where *X. fastidiosa* is known to be present. *Dendranthema*, *Osteospermum* and *Strelitzia* are of particular concern as there have been a total of 23 plants for planting consignments of these genera imported from 2018 to May 2020.

The *Arbutus*, *Chrysanthemum*, *Cichorium* and *Metrosideros* schedules of the IHS 155.02.06 *Importation of Nursery Stock* have spelling mistakes that need correcting to avoid misinterpretation:

- The *Arbutus* schedule has *Phytophthora tentaculata* and *Osmanthus fragrans* misspelt (appendix 1).
- The *Chrysanthemum* schedule has *Argyranthemum* and *Cronartium* misspelt (appendix 2).
- The *Cichorium* schedule has *Cichorium* misspelt (appendix 4).
- The *Metrosideros* schedule has two instances of “member” being misspelt (appendix 5).

DISCUSSION:

The International Standards for Phytosanitary Measures (ISPM) 1: *Phytosanitary principles for the protection of plants and the application of phytosanitary measures in international trade*, states that “Contracting parties may adopt and/or implement emergency actions, including emergency measures, when a new or unexpected phytosanitary risk is identified”.

As per ISPM 1 urgent measures are needed and justified because:

- the newly identified host genera are eligible for import;
- three of these are active pathways; and
- none of them have measures in place for the management of *X. fastidiosa*.

Additionally, some of the genera are eligible for import without import permits, or post-entry quarantine. As such, there is a new risk of infected material being imported into New Zealand without MPI being aware.

Implementation of measures on these newly identified hosts would be simple as there are already well established measures for *X. fastidiosa* in the IHS 155.02.06: *Importation of Nursery Stock* under sections 2.2.1.12 and 2.2.2.5.

The proposed measures are:

- A change to the *Arbutus* schedule guidance note for *X. fastidiosa* under whole plants, cuttings and tissue cultures to include the genus *Arctostaphylos* (appendix 1).
- A change to the *Chrysanthemum* and *Chrysanthemum morifolium* schedules to include a section for *X. fastidiosa* under whole plants and tissue cultures for the genus *Dendranthema* (appendix 2 and 3).
- A change to the *Cichorium* schedule to include a section for *X. fastidiosa* under whole plants or cuttings and tissue cultures for the genus *Santolina* (appendix 4).
- A change to the *Metrosideros* schedule guidance note for *X. fastidiosa* under whole plants and tissue cultures to include the genus *Leptospermum* (appendix 5).
- A change to the nursery stock import specification on MPI's Plants Biosecurity Index (PBI) for all importable species of the genera *Amaranthus*, *Eriogonum*, *Fagopyrum*, *Osteospermum*, *Phlomis*, *Robinia*, *Sophora*, *Stachys*, *Strelitzia*, *Teucrium* and *Wisteria*. The proposed change to the import specification is from "L2 (Basic)" to "L2 see 155.02.06 under Hebe", as the Hebe schedule's only mandatory measures are for *X. fastidiosa*.

The proposed amendment to fix spelling mistakes in the *Arbutus*, *Chrysanthemum*, *Cichorium* and *Metrosideros* schedules of the IHS 155.02.06 *Importation of Nursery Stock* is deemed minor because:

- (i) It will:
 - a. only clarify the import requirements in the IHS and does not change the measures in place.
- (ii) No one would be materially affected by the amendment as it:
 - a. does not require a change to behaviour of importers or exporters;
 - b. does not allow or preclude movement of passengers or goods; and
 - c. does not impose any new costs or constraints on anyone or change the way that risks are managed.

CONCLUSION:

There is an unmanaged risk on the plants for planting pathway of the newly identified hosts of *X. fastidiosa* from EFSA, and urgent measures are required to manage this risk. The proposed measures will result in plants for planting imports of the newly identified hosts requiring compliance with section 2.2.1.12 *Measures for Xylella fastidiosa*, and section 2.2.2.5 *Measures for Xylella fastidiosa on tissue culture*.

The correction of the spelling mistakes in the *Arbutus*, *Chrysanthemum*, *Cichorium* and *Metrosideros* schedules is in line with the “Tidy the room” work currently underway for the IHS 155.02.06 *Importation of Nursery Stock*.

LEGAL:

A CTO decision is required under section 24B(2) of the Biosecurity Act, to amend the Import Health Standard 155.02.06: *Importation of nursery stock*.

24B Amendment, revocation, suspension, and reinstatement

Amendment and revocation

(1) Sections 23 to 24A apply, to the extent to which they are relevant and reading in any necessary modifications, to—

(a) proposed amendments to an import health standard:

(b) a proposal to revoke an import health standard.

(2) However, if a chief technical officer considers that the standard needs to be amended or revoked urgently or that a proposed amendment is minor, the officer is not required to comply with section 23(3).

RECOMMENDATION:

It is recommended that you accept the proposal described below:

1. There is an unmanaged risk for *Xylella fastidiosa* on the plants for planting pathway of the following host genera: *Amaranthus*, *Arctostaphylos*, *Dendranthema*, *Eriogonum*, *Fagopyrum*, *Leptospermum*, *Osteospermum*, *Phlomis*, *Robinia*, *Santolina*, *Sophora*, *Stachys*, *Strelitzia*, *Teucrium* and *Wisteria*.

AGREED / NOT AGREED

2. That the *Arbutus* schedule guidance note for *Xylella fastidiosa* under whole plants, cuttings and tissue cultures include the genus *Arctostaphylos* (appendix 1).

AGREED / NOT AGREED

3. That the *Chrysanthemum* and *Chrysanthemum morifolium* schedules include a section for *Xylella fastidiosa* under whole plants and tissue cultures to apply measures on the *Dendranthema* genus (appendix 2 and 3).

AGREED / NOT AGREED

4. That the *Cichorium* schedule includes a section for *Xylella fastidiosa* under whole plants or cuttings and tissue cultures to apply measures on the *Santolina* genus (appendix 4).

AGREED / NOT AGREED

5. That the *Metrosideros* schedule guidance note for *Xylella fastidiosa* under whole plants and tissue cultures include the genus *Leptospermum* (appendix 5).

AGREED / NOT AGREED

6. That the nursery stock import specification for all species of *Amaranthus*, *Eriogonum*, *Fagopyrum*, *Osteospermum*, *Phlomis*, *Robinia*, *Sophora*, *Stachys*, *Strelitzia*, *Teucrium* and *Wisteria* eligible for import be changed on MPI's Plants Biosecurity Index from "L2 (Basic)" to "L2 see 155.02.06 under Hebe".

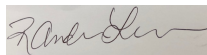
AGREED / NOT AGREED

7. That the proposed measures be made to the Import Health Standard 155.02.6: *Importation of nursery stock* as an urgent amendment pursuant to section 24B(2) of the Biosecurity Act to manage the risk of *X. fastidiosa* on the newly identified host plants.

AGREED / NOT AGREED

8. That a minor amendment be made to the *Arbutus* schedule to fix the misspelt *Phytophthora tentaculata* and *Osmanthus fragrans* (appendix 1), to the *Chrysanthemum* schedule to fix the misspelt *Argyranthemum* and *Cronartium* (appendix 2), to the *Cichorium* schedule to fix the misspelt *Cichorium* (appendix 4), and to the *Metrosideros* schedule to fix two misspelt instances of the word "member" (appendix 5).

AGREED / NOT AGREED



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Date: 28/05/2020**

REFERENCES:

EFSA (2018) Update of the *Xylella* spp. host plant database. European Food Safety Authority. EFSA Journal 16 (9): Available at: <https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2018.5408> (Accessed 6 May, 2020).

EFSA (2020) Update of the *Xylella* spp. host plant database – systematic literature search up to 30 June 2019. European Food Safety Authority. EFSA Journal 8 (4): 6114: 61 pp. Available at: <https://efsa.onlinelibrary.wiley.com/doi/full/10.2903/j.efsa.2020.6114> (Accessed 6 May, 2020).

APPENDIX 1

Arbutus

Note: The entry conditions in this schedule only apply to species in the Plants Biosecurity Index listed under Import Specifications for Nursery Stock as “see 155.02.06 under *Arbutus*”, and are additional to those specified in sections 1, 2 and 3 of the import health standard.

GENERAL CONDITIONS:

Approved Countries: All

Quarantine Pests: *Phellinus noxius*, *Phytophthora palmivora*, *Phytophthora ramorum*, *Phytophthora tentaculata*, *Xylella fastidiosa*

Entry Conditions:

Basic; with variations and additional conditions as specified below:

A. For Whole Plants

PEQ: Level 2

Minimum Period: 3 months

a. Conditions for *Phytophthora palmivora*¹

Note: Only applies to the following genus: *Magnolia*

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora palmivora*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora palmivora*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora palmivora*”.

b. Conditions for *Phytophthora ramorum* (section 2.2.1.11)

c. Conditions for *Phytophthora tentaculata*¹

Note: Only applies to the following genus: *Ceanothus*

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora tentaculata*”.

d. Conditions for *Xylella fastidiosa* (section 2.2.1.12)

Note: Only applies to the members of the *Arctostaphylos*, *Laurus* and *Magnolia* genera

Guidance for importers: The minimum quarantine period will be 6 months for nursery stock sourced from countries not recognised by MPI as free from *Xylella fastidiosa*

e. Conditions for *Phellinus noxius* (section 2.2.1.13)

Note: Applies to the following species: *Michelia compressa*; *Michelia figo*; *Osmanthus fragrans*; and applies to all members of the *Cinnamomum* genus

B. For Cuttings

PEQ: Level 2

Minimum Period: 3 months

a. Conditions for *Phytophthora palmivora*¹

Note: Only applies to the following genus: *Magnolia*

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora palmivora*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora palmivora*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora palmivora*”.

b. Conditions for *Phytophthora ramorum* (section 2.2.1.11)

c. Conditions for *Phytophthora tentaculata*¹

Note: Only applies to the following genus: *Ceanothus*

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora tentaculata*”.

d. Conditions for *Xylella fastidiosa* (section 2.2.1.12)

Note: Only applies to the members of the *Arctostaphylos*, *Laurus* and *Magnolia* genera

Guidance for importers: The minimum quarantine period will be 6 months for nursery stock sourced from countries not recognised by MPI as free from *Xylella fastidiosa*

C. For Tissue Cultures

a. Conditions for *Xylella fastidiosa* on tissue culture (section 2.2.2.5)

Note: Only applies to the members of the *Arctostaphylos*, *Laurus* and *Magnolia* genera

Guidance for importers: There will be a minimum quarantine period of 6 months in a Level 2 PEQ greenhouse, for tissue cultures from countries not recognised by MPI as free from *Xylella fastidiosa*.

¹Implementation of measures:

For consignments with a phytosanitary certificate issued on or after 25 May 2018 the requirements for *Phytophthora palmivora* and *P. tentaculata* must be met.

For consignments with a phytosanitary certificate issued no later than 24 May 2018, the requirements for *Phytophthora palmivora* and *P. tentaculata* are not mandatory.

APPENDIX 2

Chrysanthemum

Note: The entry conditions in this schedule only apply to species in the Plants Biosecurity Index listed under Import Specifications for Nursery Stock as “see 155.02.06 under *Chrysanthemum*”, and are additional to those specified in sections 1, 2 and 3 of the import health standard.

GENERAL CONDITIONS:

Approved Countries: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Israel, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom, USA.

Quarantine Pests: *Phytophthora tentaculata*, *Potato spindle tuber viroid*, Uredinales, *Xylella fastidiosa*

Entry Conditions: **Basic;** with variations and additional conditions as specified below:

A. For Whole Plants

PEQ: Level 2

Minimum Period: 3 months

a. Additional declarations

"The nursery stock in this consignment has been sourced from a “Pest free area” or “Pest free place of production” [choose one], free from *Potato spindle tuber viroid*.

AND

Rust diseases of genus *Coleosporium* and *Cronartium* are not known to occur on _____ (the host species being imported) _____ in _____ (the country in which the plants were grown) _____".

b. Conditions for *Phytophthora tentaculata*¹

Note: Only applies to the following genus: *Argyranthemum*

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora tentaculata*”.

c. Conditions for *Xylella fastidiosa* (section 2.2.1.12)

Note: Only applies to the members of the *Dendranthema* genus

Guidance for importers: The minimum quarantine period will be 6 months for nursery stock sourced from countries not recognised by MPI as free from *Xylella fastidiosa*

B. For Tissue Cultures

As for Standard Entry Conditions for Tissue Cultures - see Section 2.2.2.

PLUS

Additional Declaration:

"The cultures have been derived from parent stock sourced from a "Pest free area" or "Pest free place of production" [choose one], free from *Potato spindle tuber viroid*".

OR

"The cultures have been derived from parent stock tested by PCR and found free from *Potato spindle tuber viroid*".

a. Conditions for *Xylella fastidiosa* on tissue culture (section 2.2.2.5)

Note: Only applies to the members of the *Dendranthema* genus

Guidance for importers: There will be a minimum quarantine period of 6 months in a Level 2 PEQ greenhouse, for tissue cultures from countries not recognised by MPI as free from *Xylella fastidiosa*.

¹Implementation of measures:

For consignments with a phytosanitary certificate issued on or after 25 May 2018 the requirements for *Phytophthora tentaculata* must be met.

For consignments with a phytosanitary certificate issued no later than 24 May 2018, the requirements for *Phytophthora tentaculata* are not mandatory.

APPENDIX 3

Chrysanthemum morifolium

Note: The entry conditions in this schedule only apply to species in the Plants Biosecurity Index listed under Import Specifications for Nursery Stock as “see 155.02.06 under *Chrysanthemum morifolium*”, and are additional to those specified in sections 1, 2 and 3 of the import health standard.

GENERAL CONDITIONS:

Approved Countries: All

Quarantine Pests: *Frankliniella occidentalis*, *Liriomyza* spp., virus diseases, *Xylella fastidiosa*

Entry Conditions: **Basic;** with variations and additional conditions as specified below:

A. For Whole Plants

PEQ: Level 2

Minimum Period: 3 months

Additional Declaration:

"The plants have been inspected in accordance with appropriate official procedures and found to be free of *Frankliniella occidentalis* and *Liriomyza* spp."

a. **Conditions for *Xylella fastidiosa* (section 2.2.1.12)**

Note: Only applies to the members of the *Dendranthema* genus

Guidance for importers: The minimum quarantine period will be 6 months for nursery stock sourced from countries not recognised by MPI as free from *Xylella fastidiosa*

B. For Tissue Cultures

As for **Standard Entry Conditions for Tissue Cultures** - see Section 2.2.2.

PLUS

Additional Declaration:

"The cultures have been derived from parent stock tested and found free of virus or virus like diseases."

a. **Conditions for *Xylella fastidiosa* on tissue culture (section 2.2.2.5)**

Note: Only applies to the members of the *Dendranthema* genus

Guidance for importers: There will be a minimum quarantine period of 6 months in a Level 2 PEQ greenhouse, for tissue cultures from countries not recognised by MPI as free from *Xylella fastidiosa*.

APPENDIX 4

Cichorium

Note: The entry conditions in this schedule only apply to species in the Plants Biosecurity Index listed under Import Specifications for Nursery Stock as “see 155.02.06 under *Cichorium*”, and are additional to those specified in sections 1, 2 and 3 of the import health standard.

GENERAL CONDITIONS:

Approved Countries: All

Quarantine Pests: *Phytophthora tentaculata*, *Xylella fastidiosa*

Entry Conditions: **Basic;** with variations and additional conditions as specified below:

A. For Whole Plants or Cuttings

PEQ: Level 2

Minimum Period: 3 months

a. Conditions for *Phytophthora tentaculata*¹

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora tentaculata*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora tentaculata*”.

b. Conditions for *Xylella fastidiosa* (section 2.2.1.12)

Note: Only applies to the members of the *Santolina* genus

Guidance for importers: The minimum quarantine period will be 6 months for nursery stock sourced from countries not recognised by MPI as free from *Xylella fastidiosa*

B. For Tissue Cultures

As for **Standard Entry Conditions for Tissue Cultures** - see Section 2.2.2

a. Conditions for *Xylella fastidiosa* on tissue culture (section 2.2.2.5)

Note: Only applies to the members of the *Santolina* genus

Guidance for importers: There will be a minimum quarantine period of 6 months in a Level 2 PEQ greenhouse, for tissue cultures from countries not recognised by MPI as free from *Xylella fastidiosa*.

¹Implementation of measures:

For consignments with a phytosanitary certificate issued on or after 25 May 2018 the requirements for *Phytophthora tentaculata* must be met.

For consignments with a phytosanitary certificate issued no later than 24 May 2018, the requirements for *Phytophthora*

tentaculata are not mandatory.

APPENDIX 5

Metrosideros

Note: The entry conditions in this schedule only apply to species in the Plants Biosecurity Index listed under Import Specifications for Nursery Stock as “see 155.02.06 under *Metrosideros*”, and are additional to those specified in sections 1, 2 and 3 of the import health standard.

GENERAL CONDITIONS:

Approved Countries: All

Quarantine Pests: *Ceratocystis fimbriata*, *Phellinus noxius*, *Phytophthora palmivora*, *Puccinia psidii* sensu lato (s.l.) complex (including *Uredo rangelii*), *Xylella fastidiosa*

Entry Conditions:

Basic; with variations and additional conditions as specified below:

A. For Whole Plants

OPTION 1:

PEQ: Level 2

Minimum Period: 6 months

- a. Conditions for *Ceratocystis fimbriata* (section 2.2.1.8)
Note: Only applies to members of the *Metrosideros* and *Pimenta* genera
- b. Conditions for *Xylella fastidiosa* (section 2.2.1.12)
Note: Only applies to members of the *Leptospermum*, *Metrosideros* and *Myrtus* genera
- c. Conditions for *Phellinus noxius* (section 2.2.1.13)
Note: Only applies to the following species: *Melaleuca leucadendra*
- d. Conditions for *Phytophthora palmivora*¹
Note: Only applies to members of the *Psidium* genus

One of the following Additional Declarations must be endorsed on the phytosanitary certificate:

“The [insert species name] plants in this consignment have been sourced from [insert country name], which is free from *Phytophthora palmivora*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free area” for *Phytophthora palmivora*”.

OR

“The [insert species name] plants in this consignment were produced in a “pest free place of production” for *Phytophthora palmivora*”.

- e. Additional declaration
“*Puccinia psidii* s.l. complex (including *Uredo rangelii*) is not known to occur in (the country of origin)”.

OPTION 2:

PEQ: Level 3B

Minimum Period: 6 months

- a. Conditions for *Ceratocystis fimbriata* (section 2.2.1.8)

Note: Only applies to members of the *Metrosideros* and *Pimenta* genera

b. Conditions for *Xylella fastidiosa* (section 2.2.1.12)

Note: Only applies to members of the *Leptospermum*, *Metrosideros* and *Myrtus* genus

B. For Tissue Cultures

a. Conditions for *Xylella fastidiosa* on tissue culture (see section 2.2.2.5)

Note: Only applies to members of the *Leptospermum*, *Metrosideros* and *Myrtus* genus

b. Conditions for *Puccinia psidii* s.l. complex:

OPTION 1:

i) Additional declaration:

- “*Puccinia psidii* s.l. complex (including *Uredo rangelii*) is not known to occur in __ (the country of origin) __”.

OR

- “The tissue cultures in this consignment have been actively growing in the culture container for at least four weeks at temperatures between 15-23°C (59-73.4°F)”.

OPTION 2:

PEQ: Level 2 Tissue culture laboratory

Minimum Period: 4 weeks

i) The cultures containers are not to be opened during the quarantine period.

Guidance for importers: Tissue cultures imported this option must complete the PEQ requirements for *Puccinia psidii* before being deflasked into the PEQ greenhouse.

¹Implementation of measures:

For consignments with a phytosanitary certificate issued on or after 25 May 2018 the requirements for *Phytophthora palmivora* must be met.

For consignments with a phytosanitary certificate issued no later than 24 May 2018, the requirements for *Phytophthora palmivora* are not mandatory.