



# Country Commodity Pest Lists: Fresh **citrus fruit** (*Citrus* spp.) for human **consumption**

Prepared for public consultation  
by Horticulture Imports Team  
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## Purpose

This document presents the proposed pest lists for each market access request country and commodity combination. These lists will be available in the MPI online pest database, which will detail the specific pests for each import pathway.

These pest lists support the proposed import health standards:

1. Fresh Mexican lime (*Citrus aurantiifolia*) for human consumption
2. Fresh Tahitian lime (*Citrus latifolia*) for human consumption
3. Fresh lemon (*Citrus limon*) for human consumption
4. Fresh grapefruit (*Citrus paradisi*) for human consumption
5. Fresh pomelo (*Citrus maxima*) for human consumption
6. Fresh orange (*Citrus sinensis*) for human consumption
7. Fresh mandarin tangelo and tangor (*Citrus reticulata*, *Citrus reticulata* × *Citrus paradisi* and *Citrus reticulata* × *Citrus sinensis*) for human consumption.

Accepted scientific species names and synonyms are detailed in the standards and Table 2 of *Risk Management Proposal: Fresh citrus fruit (Citrus spp.) for human consumption*.

### Listing detail for vector organisms [V]

MPI's approach for managing vector-transmitted pathogens is to manage the vectors that transmit the pathogen through phytosanitary measures. Vector organisms are indicated with "[V]" on the pest list and in the online database.

A vector organism may require different measures depending on the presence or absence of a pathogen in a country. An example is *Diaphorina citri*, which can be managed with Basic Measures when there are no pathogens of concern. In countries where the pathogen *Candidatus Liberibacter* spp. (citrus greening disease) is present, Targeted Measures are needed to manage *Diaphorina citri*.

Species annotated with "[strain]" require measures to manage virulent strains not present in New Zealand.

Where an NPPO of a country can demonstrate to an MPI chief technical officer country of freedom status of a pest, it can be removed from a pest list. Country freedom status will be assessed in accordance with ISPM 4. *Requirements for the establishment of pest free areas* and ISPM 8. *Determination of pest status in an area*. Pests under assessment for country freedom or pest-free area are marked with an asterisk (\*).

# 1 Pest species associated with citrus fruit from Australia

## 1.1 *Citrus aurantiifolia* (Mexican lime from Australia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic measures	<i>Aonidiella citrina</i>	
Basic measures	<i>Aonidiella orientalis</i>	
Basic measures	<i>Aspidiotus destructor</i>	
Basic measures	<i>Chrysomphalus aonidum</i>	
Basic measures	<i>Chrysomphalus dictyospermi</i>	
Basic measures	<i>Elsinoe australis</i>	
Basic measures	<i>Fiorinia fiorinae</i>	
Basic measures	<i>Hemiberlesia palmae</i>	
Basic measures	<i>Howardia biclavis</i>	
Basic measures	<i>Lepidosaphes gloverii</i>	
Basic measures	<i>Morganella longispina</i>	
Basic measures	<i>Parlatoria oleae</i>	
Basic measures	<i>Parlatoria pergandii</i>	
Basic measures	<i>Parlatoria ziziphi</i>	
Basic measures	<i>Phytophthora palmivora</i>	
Basic measures	<i>Pinnaspis strachani</i>	
Basic measures	<i>Pseudaonidia trilobitiformis</i>	
Basic measures	<i>Pseudaulacaspis pentagona</i>	
Basic measures	<i>Selenaspidus articulatus</i>	
Basic measures	<i>Unaspis citri</i>	
Basic measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera aquilonis</i>	
MPI-Specified Measures	<i>Bactrocera frauenfeldi</i>	
MPI-Specified Measures	<i>Bactrocera jarvisi</i>	
MPI-Specified Measures	<i>Bactrocera kraussi</i>	
MPI-Specified Measures	<i>Bactrocera neohumeralis</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 1.2 *Citrus limon* (lemon from Australia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic measures	<i>Aonidiella citrina</i>	
Basic measures	<i>Aonidiella orientalis</i>	
Basic measures	<i>Aspidiotus destructor</i>	
Basic measures	<i>Chrysomphalus aonidum</i>	
Basic measures	<i>Chrysomphalus dictyospermi</i>	
Basic measures	<i>Elsinoe australis</i>	
Basic measures	<i>Fiorinia fioriniae</i>	
Basic measures	<i>Hemiberlesia palmae</i>	
Basic measures	<i>Howardia biclavis</i>	
Basic measures	<i>Lepidosaphes gloverii</i>	
Basic measures	<i>Morganella longispina</i>	
Basic measures	<i>Parlatoria oleae</i>	
Basic measures	<i>Parlatoria pergandii</i>	
Basic measures	<i>Parlatoria ziziphi</i>	
Basic measures	<i>Phytophthora palmivora</i>	
Basic measures	<i>Pinnaspis strachani</i>	
Basic measures	<i>Pseudaonidia trilobitiformis</i>	
Basic measures	<i>Pseudaulacaspis pentagona</i>	
Basic measures	<i>Selenaspidus articulatus</i>	
Basic measures	<i>Unaspis citri</i>	
Basic measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera aquilonis</i>	
MPI-Specified Measures	<i>Bactrocera frauenfeldi</i>	
MPI-Specified Measures	<i>Bactrocera jarvisi</i>	
MPI-Specified Measures	<i>Bactrocera kraussi</i>	
MPI-Specified Measures	<i>Bactrocera neohumeralis</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

### 1.3 *Citrus paradisi* (grapefruit from Australia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic measures	<i>Aonidiella citrina</i>	
Basic measures	<i>Aonidiella orientalis</i>	
Basic measures	<i>Aspidiotus destructor</i>	
Basic measures	<i>Chrysomphalus aonidum</i>	
Basic measures	<i>Chrysomphalus dictyospermi</i>	
Basic measures	<i>Elsinoe australis</i>	
Basic measures	<i>Fiorinia fiorinae</i>	
Basic measures	<i>Hemiberlesia palmae</i>	
Basic measures	<i>Howardia biclavis</i>	
Basic measures	<i>Lepidosaphes gloverii</i>	
Basic measures	<i>Morganella longispina</i>	
Basic measures	<i>Parlatoria oleae</i>	
Basic measures	<i>Parlatoria pergandii</i>	
Basic measures	<i>Parlatoria ziziphi</i>	
Basic measures	<i>Phytophthora palmivora</i>	
Basic measures	<i>Pinnaspis strachani</i>	
Basic measures	<i>Pseudaonidia trilobitiformis</i>	
Basic measures	<i>Pseudaulacaspis pentagona</i>	
Basic measures	<i>Selenaspidus articulatus</i>	
Basic measures	<i>Unaspis citri</i>	
Basic measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera aquilonis</i>	
MPI-Specified Measures	<i>Bactrocera frauenfeldi</i>	
MPI-Specified Measures	<i>Bactrocera jarvisi</i>	
MPI-Specified Measures	<i>Bactrocera kraussi</i>	
MPI-Specified Measures	<i>Bactrocera melas</i>	
MPI-Specified Measures	<i>Bactrocera neohumeralis</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	



#### 1.4 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Australia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic measures	<i>Aonidiella citrina</i>	
Basic measures	<i>Aonidiella orientalis</i>	
Basic measures	<i>Aspidiotus destructor</i>	
Basic measures	<i>Chrysomphalus aonidum</i>	
Basic measures	<i>Chrysomphalus dictyospermi</i>	
Basic measures	<i>Elsinoe australis</i>	
Basic measures	<i>Fiorinia fioriniae</i>	
Basic measures	<i>Hemiberlesia palmae</i>	
Basic measures	<i>Howardia biclavis</i>	
Basic measures	<i>Lepidosaphes gloverii</i>	
Basic measures	<i>Morganella longispina</i>	
Basic measures	<i>Parlatoria oleae</i>	
Basic measures	<i>Parlatoria pergandii</i>	
Basic measures	<i>Parlatoria ziziphi</i>	
Basic measures	<i>Phytophthora palmivora</i>	
Basic measures	<i>Pinnaspis strachani</i>	
Basic measures	<i>Pseudaonidia trilobitiformis</i>	
Basic measures	<i>Pseudaulacaspis pentagona</i>	
Basic measures	<i>Selenaspidus articulatus</i>	
Basic measures	<i>Unaspis citri</i>	
Basic measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera aquilonis</i>	
MPI-Specified Measures	<i>Bactrocera frauenfeldi</i>	
MPI-Specified Measures	<i>Bactrocera jarvisi</i>	
MPI-Specified Measures	<i>Bactrocera kraussi</i>	
MPI-Specified Measures	<i>Bactrocera neohumeralis</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 1.5 *Citrus sinensis* (orange from Australia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic measures	<i>Aonidiella citrina</i>	
Basic measures	<i>Aonidiella orientalis</i>	
Basic measures	<i>Aspidiotus destructor</i>	
Basic measures	<i>Chrysomphalus aonidum</i>	
Basic measures	<i>Chrysomphalus dictyospermi</i>	
Basic measures	<i>Elsinoe australis</i>	
Basic measures	<i>Fiorinia fiorinae</i>	
Basic measures	<i>Hemiberlesia palmae</i>	
Basic measures	<i>Howardia biclavis</i>	
Basic measures	<i>Lepidosaphes gloverii</i>	
Basic measures	<i>Morganella longispina</i>	
Basic measures	<i>Parlatoria oleae</i>	
Basic measures	<i>Parlatoria pergandii</i>	
Basic measures	<i>Parlatoria ziziphi</i>	
Basic measures	<i>Phytophthora palmivora</i>	
Basic measures	<i>Pinnaspis strachani</i>	
Basic measures	<i>Pseudaonidia trilobitiformis</i>	
Basic measures	<i>Pseudaulacaspis pentagona</i>	
Basic measures	<i>Selenaspidus articulatus</i>	
Basic measures	<i>Unaspis citri</i>	
Basic measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera aquilonis</i>	
MPI-Specified Measures	<i>Bactrocera frauenfeldi</i>	
MPI-Specified Measures	<i>Bactrocera jarvisi</i>	
MPI-Specified Measures	<i>Bactrocera kraussi</i>	
MPI-Specified Measures	<i>Bactrocera melas</i>	
MPI-Specified Measures	<i>Bactrocera neohumeralis</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 2 Pest species associated with citrus fruit from Brazil

### 2.1 *Citrus latifolia* (Tahitian lime from Brazil)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspis articulatus</i>	
Basic Measures	<i>Toxoptera citricida</i> [V]	<i>Citrus sudden death-associated virus</i> (CSDaV)
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Brevipalpus californicus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus obovatus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus phoenicis sensu lato</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i> *	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 2.2 *Citrus limon* (lemon from Brazil)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Toxoptera citricida</i> [V]	<i>Citrus sudden death-associated virus</i> (CSDaV)
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Brevipalpus californicus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus obovatus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus phoenicis sensu lato</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i> *	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 2.3 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Brazil)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Toxoptera citricida</i> [V]	<i>Citrus sudden death-associated virus</i> (CSDaV)
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Brevipalpus californicus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus obovatus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus phoenicis sensu lato</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i> *	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 2.4 *Citrus sinensis* (orange from Brazil)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Toxoptera citricida</i> [V]	<i>Citrus sudden death-associated virus (CSDaV)</i>
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Brevipalpus californicus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus obovatus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus phoenicis sensu lato</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i> *	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Anastrepha sororcula</i>	
MPI-Specified Measures	<i>Anastrepha striata</i>	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

### 3 Pest species associated with citrus fruit from China

#### 3.1 *Citrus limon* (lemon from China)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis craccivora</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aphis spiraecola</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Aulacaspis citri</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	



Strength of measure	Pest	Vector-transmitted pathogen
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera minax</i>	

### 3.2 *Citrus maxima* (pomelo from China)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis craccivora</i> [V]	Citrus yellow vein clearing virus (CYVCV)
Basic Measures	<i>Aphis gossypii</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Aphis spiraecola</i> [V]	Citrus yellow vein clearing virus (CYVCV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Aulacaspis citri</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	



Strength of measure	Pest	Vector-transmitted pathogen
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera correcta</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera minax</i>	
MPI-Specified Measures	<i>Zeugodacus cucurbitae</i>	
MPI-Specified Measures	<i>Zeugodacus tau</i>	

### 3.3 *Citrus paradisi* (grapefruit from China)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis craccivora</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aphis spiraecola</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Aulacaspis citri</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera minax</i>	
MPI-Specified Measures	<i>Bactrocera tsuneonis</i>	
MPI-Specified Measures	<i>Zeugodacus tau</i>	

### 3.4 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from China)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis craccivora</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aphis spiraecola</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Aulacaspis citri</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera correcta</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera minax</i>	
MPI-Specified Measures	<i>Bactrocera tsuneonis</i>	
MPI-Specified Measures	<i>Zeugodacus cucurbitae</i>	
MPI-Specified Measures	<i>Zeugodacus tau</i>	

### 3.5 *Citrus sinensis* (orange from China)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis craccivora</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aphis spiraeicola</i> [V]	<i>Citrus yellow vein clearing virus</i> (CYVCV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Aulacaspis citri</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	Candidatus Liberibacter spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera correcta</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera minax</i>	
MPI-Specified Measures	<i>Bactrocera tsunoni</i>	
MPI-Specified Measures	<i>Zeugodacus cucurbitae</i>	
MPI-Specified Measures	<i>Zeugodacus tau</i>	

## 4 Pest species associated with citrus fruit from the Cook Islands

### 4.1 *Citrus latifolia* (Tahitian lime from the Cook Islands)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

## 5 Pest species associated with citrus fruit from Egypt

### 5.1 *Citrus aurantiifolia* (Mexican lime from Egypt)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Clavaspidotus apicalis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 5.2 *Citrus limon* (lemon from Egypt)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Clavaspidotus apicalis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

### 5.3 *Citrus maxima* (pomelo from Egypt)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Clavaspidotus apicalis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	



## 5.4 *Citrus paradisi* (grapefruit from Egypt)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Clavaspidotus apicalis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 5.5 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Egypt)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Clavaspidotus apicalis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 5.6 *Citrus sinensis* (orange from Egypt)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Clavaspidotus apicalis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 6 Pest species associated with citrus fruit from Fiji

### 6.1 *Citrus latifolia* (Tahitian lime from Fiji)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Odonaspis morrisoni</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

## 6.2 *Citrus limon* (lemon from Fiji)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia proboscidaria</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Odonaspis morrisoni</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera passiflorae</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

## 7 Pest species associated with citrus fruit from Japan

### 7.1 *Citrus paradisi* (grapefruit from Japan)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera tsuneonis</i>	

## 7.2 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Japan)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera tsuneonis</i>	

### 7.3 *Citrus sinensis* (orange from Japan)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Fiorinia proboscidaria</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera tsuneonis</i>	



## 8 Pest species associated with citrus fruit from Korea (Jeju Island)

### 8.1 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Jeju Island)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	No fruit flies associated	

## 9 Pest species associated with citrus fruit from Mexico

### 9.1 *Citrus latifolia* (Tahitian lime from Mexico)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudauleacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Brevipalpus californicus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus obovatus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus phoenicis sensu lato</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Anastrepha ludens</i>	

### 9.2 *Citrus sinensis* (orange from Mexico)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i> *	
Targeted Measures	<i>Brevipalpus californicus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus obovatus</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Brevipalpus phoenicis sensu lato</i> [V]	Citrus leprosis viruses
Targeted Measures	<i>Caliothrips fasciatus</i> (navel orange only)	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha ludens</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Anastrepha striata</i>	

## 10 Pest species associated with citrus fruit from New Caledonia

### 10.1 *Citrus aurantiifolia* (Mexican lime from New Caledonia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera curvipennis</i>	
MPI-Specified Measures	<i>Bactrocera psidii</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	

### 10.2 *Citrus latifolia* (Tahitian lime from New Caledonia)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera curvipennis</i>	
MPI-Specified Measures	<i>Bactrocera tryoni</i>	

## 11 Pest species associated with citrus fruit from Peru

### 11.1 *Citrus aurantiifolia* (Mexican lime from Peru)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	No targeted pests	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

### 11.2 *Citrus latifolia* (Tahitian lime from Peru)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	No targeted pests	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

### 11.3 *Citrus paradisi* (grapefruit from Peru)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Eotetranychus lewisi</i>	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

#### 11.4 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Peru)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Eotetranychus lewisi</i>	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 11.5 *Citrus sinensis* (orange from Peru)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Gymnandrosoma aurantianum</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Eotetranychus lewisi</i>	
MPI-Specified Measures	<i>Anastrepha fraterculus</i>	
MPI-Specified Measures	<i>Anastrepha obliqua</i>	
MPI-Specified Measures	<i>Anastrepha serpentina</i>	
MPI-Specified Measures	<i>Anastrepha striata</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 12 Pest species associated with citrus fruit from Samoa

### 12.1 *Citrus latifolia* (Tahitian lime from Samoa)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaphorina citri</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera kirki</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

### 12.2 *Citrus limon* (lemon from Samoa)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaphorina citri</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera kirki</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	



### 12.3 *Citrus maxima* (pomelo from Samoa)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaphorina citri</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera distincta</i>	
MPI-Specified Measures	<i>Bactrocera kirki</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

### 12.4 *Citrus paradisi* (grapefruit from Samoa)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaphorina citri</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera kirki</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

## 12.5 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis* (mandarin, tangelo or tangor from Samoa)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaphorina citri</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera kirki</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

## 12.6 *Citrus sinensis* (orange from Samoa)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaphorina citri</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera kirki</i>	
MPI-Specified Measures	<i>Bactrocera xanthodes</i>	

## 13 Pest species associated with citrus fruit from Solomon Islands

### 13.1 *Citrus aurantiifolia* (Mexican lime from Solomon Islands)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera frauenfeldi</i>	

## 14 Pest species associated with citrus fruit from Spain

### 14.1 *Citrus sinensis* (orange from Spain)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Trioza erytrae</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
MPI-Specified Measures	<i>Ceratitis capitata</i>	

## 15 Pest species associated with citrus fruit from the United States of America

### 15.1 *Citrus aurantiifolia* (Mexican lime from the United States of America)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Marmara gulosa</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Anastrepha suspensa</i> *	

## 15.2 *Citrus limon* (lemon from the United States of America)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidaria</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Marmara gulosa</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspis articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Anastrepha suspensa</i> *	

### 15.3 *Citrus maxima* (pomelo from the United States of America)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidaria</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Marmara gulosa</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	Pea enation mosaic virus (PEMV)
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspis articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	Candidatus Liberibacter spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Anastrepha suspensa</i> *	



## 15.4 *Citrus paradisi* (grapefruit from the United States of America)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidaria</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Marmara gulosa</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Anastrepha suspensa</i> *	



**15.5 *Citrus reticulata*, *C. reticulata* × *C. paradisi* and *C. reticulata* × *C. sinensis*  
(mandarin, tangelo or tangor from the United States of America)**

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidea</i>	
Basic Measures	<i>Hemiberlesia palmarum</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Marmara gulosa</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Anastrepha suspensa</i> *	

## 15.6 *Citrus sinensis* (orange from the United States of America)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aculops pelekassi</i>	
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aphis gossypii</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Caliothrips fasciatus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Diaspidiotus degeneratus</i>	
Basic Measures	<i>Elsinoe australis</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Fiorinia proboscidaria</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Lepidosaphes conchiformis</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Macrosiphum euphorbiae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Marmara gulosa</i>	
Basic Measures	<i>Morganella longispina</i>	
Basic Measures	<i>Myzus persicae</i> [V]	<i>Pea enation mosaic virus</i> (PEMV)
Basic Measures	<i>Opuntiaspis carinata</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria oleae</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis euonymi</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Caliothrips fasciatus</i> (navel orange only)	
Targeted Measures	<i>Chaetanaphothrips orchidii</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Eotetranychus lewisi</i>	
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i>	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Anastrepha suspensa</i> *	

## 16 Pest species associated with citrus fruit from Vanuatu

### 16.1 *Citrus aurantiifolia* (Mexican lime from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	No fruit flies associated	

### 16.2 *Citrus latifolia* (Tahitian lime from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	No fruit flies associated	

### 16.3 *Citrus limon* (lemon from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fiorinae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera trilineola</i>	

#### 16.4 *Citrus maxima* (pomelo from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera trilineola</i>	

#### 16.5 *Citrus paradisi* (grapefruit from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera trilineola</i>	

#### 16.6 *Citrus reticulata*, *Citrus reticulata* × *Citrus paradisi* and *Citrus reticulata* × *Citrus sinensis* (mandarin, tangelo or tangor from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera trilineola</i>	

## 16.7 *Citrus sinensis* (orange from Vanuatu)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Fiorinia fioriniae</i>	
Basic Measures	<i>Howardia biclavis</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Unaspis citri</i>	
Targeted Measures	<i>Planococcus minor</i>	
MPI-Specified Measures	<i>Bactrocera trilineola</i>	

## 17 Pest species associated with citrus fruit Viet Nam

### 17.1 *Citrus aurantiifolia* (Mexican lime from Viet Nam)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	

### 17.2 *Citrus latifolia* (Tahitian lime from Viet Nam)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	

### 17.3 *Citrus limon* (lemon from Viet Nam)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	



Strength of measure	Pest	Vector-transmitted pathogen
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera latifrons</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	

#### 17.4 *Citrus maxima* (pomelo from Viet Nam)

Strength of measure	Pest	Vector-transmitted pathogen
Basic Measures	<i>Aonidiella citrina</i>	
Basic Measures	<i>Aonidiella comperei</i>	
Basic Measures	<i>Aonidiella orientalis</i>	
Basic Measures	<i>Aspidiotus destructor</i>	
Basic Measures	<i>Aspidiotus excisus</i>	
Basic Measures	<i>Chrysomphalus aonidum</i>	
Basic Measures	<i>Chrysomphalus dictyospermi</i>	
Basic Measures	<i>Hemiberlesia palmae</i>	
Basic Measures	<i>Lepidosaphes gloverii</i>	
Basic Measures	<i>Parlatoria cinerea</i>	
Basic Measures	<i>Parlatoria pergandii</i>	
Basic Measures	<i>Parlatoria ziziphi</i>	
Basic Measures	<i>Phytophthora palmivora</i>	
Basic Measures	<i>Pinnaspis strachani</i>	
Basic Measures	<i>Pseudaonidia trilobitiformis</i>	
Basic Measures	<i>Pseudaulacaspis pentagona</i>	
Basic Measures	<i>Selenaspidus articulatus</i>	
Basic Measures	<i>Unaspis citri</i>	
Basic Measures	<i>Unaspis yanonensis</i>	
Basic Measures	<i>Xanthomonas citri</i>	
Targeted Measures	<i>Diaphorina citri</i> [V]	<i>Candidatus Liberibacter</i> spp.
Targeted Measures	<i>Nipaecoccus viridis</i>	
Targeted Measures	<i>Phyllosticta citricarpa</i> *	
Targeted Measures	<i>Planococcus kraunhiae</i>	
Targeted Measures	<i>Planococcus minor</i>	
Targeted Measures	<i>Scirtothrips dorsalis</i>	
Targeted Measures	<i>Tetranychus kanzawai</i>	
MPI-Specified Measures	<i>Bactrocera carambolae</i>	
MPI-Specified Measures	<i>Bactrocera correcta</i>	
MPI-Specified Measures	<i>Bactrocera dorsalis</i>	
MPI-Specified Measures	<i>Bactrocera zonata</i>	
MPI-Specified Measures	<i>Zeugodacus cucurbitae</i>	
MPI-Specified Measures	<i>Zeugodacus tau</i>	