

**Import Health Standard**  
**Commodity Sub-class: Fresh Fruit/Vegetables**  
**Table Grapes, *Vitis vinifera*.**  
**from Italy**

**ISSUED**

**Issued pursuant to Section 22 of the Biosecurity Act 1993**  
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### ***Endorsement***

Import health standards for plants and plant products imported into New Zealand are a requirement under the Biosecurity Act 1993 and are prepared by the Plants section of the Ministry of Agriculture and Forestry Biosecurity Authority.

This standard was endorsed by the Chief Technical Officer, Plants Biosecurity, MAF Biosecurity Authority on 15 July 2002.

Richard Ivess  
Chief Technical Officer, Plants Biosecurity  
(acting under delegated authority)

### ***Review and amendment***

The NZ MAF Plants Biosecurity import health standards are subject to periodic review and amendment. The next planned review for this standard is at the completion of the first export season.

New Zealand import health standards covering the importation of plants and plant products are updated and republished as necessary with the most recent version published on the MAF web site.

### ***Distribution***

The Ministry of Agriculture and Forestry plant import health standards are distributed by the Plants section of the Ministry of Agriculture and Forestry Biosecurity Authority. They are made available for public access on the New Zealand Ministry of Agriculture and Forestry web site: <http://www.maf.govt.nz/biosecurity/imports/plants/>

## INTRODUCTION

### SCOPE

This import health standard describes the phytosanitary requirements to be met to enable biosecurity clearance to be given for fresh table grapes (*Vitis vinifera*) imported into New Zealand from Italy.

### REFERENCES

*Glossary of phytosanitary terms*, 1999. ISPM Pub. No 5, FAO Rome  
*Requirements for the establishment of pest free areas*, 1996. ISPM Pub. No 4, FAO, Rome  
*Risk analysis for Quarantine Pests*, 2001. ISPM Pub. No. 2, FAO, Rome  
*New revised text of the International Plant Protection Convention*, 1997. FAO, Rome  
*MAF Plants Biosecurity Pest Risk Assessment Standard, June 2001*  
*MAF Plants Biosecurity Standard 152.02: Importation of Fresh Fruit and Vegetables into New Zealand*

### DEFINITIONS ABBREVIATIONS AND ACRONYMS

|                        |  |
|------------------------|--|
| Biosecurity clearance  | A clearance under Section 26 of the New Zealand Biosecurity Act 1993 for the entry of goods into New Zealand.  |
| Certificate            | An official document which attests to the phytosanitary status of any consignment affected by phytosanitary regulations.   |
| Consignment            | A quantity of plants, plant products and/or other articles being moved from one country to another and covered, when required, by a single phytosanitary certificate (a consignment may be composed of one or more commodities or lots).   |
| Contamination          | Presence in a commodity, storage place, conveyance or container, of pests or other regulated articles, not constituting an infestation.  |
| Import health standard | Document issued under section 22 of the Biosecurity Act 1993 that specifies “... <i>the requirements to be met for the effective management of risks associated with the importation of risk goods before those goods can be imported, moved from a biosecurity control area or a transitional facility, or given a biosecurity clearance</i> ”. |

|   |   |
|---|---|
| Inspection  | Official visual examination of plants, plant products or other regulated articles to determine if pests are present and/or to confirm compliance with phytosanitary regulations.  |
| International Plant Protection Convention         | International agreement, as deposited in 1951 with FAO in Rome and subsequently amended, with the purpose of securing common and effective action to prevent the spread and introduction of pests of plants and plant products. |
| IPPC  | Abbreviation for the International Plant Protection Convention.   |
| International Standard for Phytosanitary Measures | An international standard adopted by the Conference of FAO, the Interim Commission on Phytosanitary Measures or the Commission on Phytosanitary Measures established under the IPPC.  |
| ISPM  | Abbreviation for International Standard on Phytosanitary Measures.  |
| Lot   | The number of units of a single commodity identifiable by such things as homogeneity of composition, origin etc., forming part of a consignment.  |
| MAF   | Acronym for the Ministry of Agriculture and Forestry which is the New Zealand national plant protection organisation.   |
| National Plant Protection Organisation (NPPO)     | Official service established by a government to discharge the functions specified by the IPPC.  |
| Pest  | Any species, strain or biotype of plant, animal, or pathogenic agent, injurious to plants or plant products.  |
| Pest free area                                    | An area in which a specific pest does not occur as demonstrated by scientific evidence and in which, where appropriate, this condition is being officially maintained.  |
| Phytosanitary certificate                         | Certificate patterned after the model certificates of the IPPC.   |

|                               |  |
|-------------------------------|--|
| Phytosanitary certification   | Use of phytosanitary procedures leading to the issue of a phytosanitary certificate.   |
| Phytosanitary measure         | Any legislation, regulation or official procedure having the purpose to prevent the introduction and/or spread of pests.   |
| Quarantine pest               | A pest of potential economic importance to the area endangered thereby and not yet present there, or present but not widely distributed and (is) being officially controlled.  |
| Regulated non-quarantine pest | A non-quarantine pest whose presence in plants for planting, affects the intended use of those plants with an economically unacceptable impact and is therefore regulated within the territory of the importing contracting party. |
| Regulated pest                | A quarantine pest or a regulated non-quarantine pest.  |
| Transience                    | Presence of a pest that is not expected to lead to establishment.  |

## **OUTLINE OF REQUIREMENTS**

This import health standard outlines the New Zealand MAF phytosanitary requirements to be met prior to shipment, in-transit and on arrival in New Zealand for fresh table grapes imported from Italy.

This standard is replicated at the following Internet address:

<http://www.maf.govt.nz/Plants/import/fruitvegetables>

## **NEW ZEALAND LEGISLATIVE REQUIREMENTS AND INTERNATIONAL OBLIGATIONS**

All New Zealand import health standards are based upon risk analyses, which may assess a commodity or a pest/pathway combination. New Zealand's legislative requirements and international obligations are taken into account when conducting risk analyses and applying them in the development of import health standards. The principal document for all New Zealand plant import health standards is the Biosecurity Act (1993), whilst the international obligations derive principally from the guidelines on risk analysis developed under the auspices of the Interim Commission on Phytosanitary Measures operating within the framework of the International Plant Protection Convention, and the World Trade Organisation Agreement on the Application of Sanitary and Phytosanitary Measures.

# **IMPORT HEALTH STANDARD: FRESH FRUIT/VEGETABLES – TABLE GRAPES (*Vitis Vinifera*) FROM ITALY**

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

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

Director, Plants Biosecurity  
Ministry of Agriculture and Forestry  
PO Box 2526  
Wellington  
NEW ZEALAND

Fax: 64-4-498 9888  
E-mail: [plantih@maf.govt.nz](mailto:plantih@maf.govt.nz)  
<http://www.maf.govt.nz>

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

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

The NPPO of the exporting country is requested to inform New Zealand MAF of any change of address.

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

Pursuant to the Hazardous Substances and New Organisms Act 1996, proposals for the deliberate introduction of new organisms (including genetically modified organisms) as defined by the Act should be referred to the Environment Risk Management Authority, PO Box 131, Wellington or e mail: [info@ermanz.govt.nz](mailto:info@ermanz.govt.nz)

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

### **3 Explanation of pest categories**

New Zealand MAF categorises pests associated with plants and plant products into regulated and non-regulated pests. Measures for the prevention of establishment of regulated pests in New Zealand are developed in accordance with the appropriate FAO ISPMs.

Regulated pests (pathway dependent) are those pests for which phytosanitary actions would be undertaken if they were intercepted/detected. As well as quarantine pests, these include new organisms as defined by the Hazardous Substances and New Organisms Act 1996, non-plant pests that may be of concern to another government department, vectors of associated quarantine pests, virulent strains (not present in New Zealand), of non-regulated pests and contaminants. Non-regulated pests are those pests for which phytosanitary actions would not be undertaken if they were intercepted/detected.

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

### **4 Application of phytosanitary measures**

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

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

### **5 General conditions for fresh fruit/vegetables**

Commodity sub-class: fresh fruit/vegetables relates to fresh fruit and vegetables for consumption.

Only inert/synthetic material may be used for the protection, packaging and shipping materials of fresh fruit/vegetables.

All host material (fruit/vegetables) of fruit fly species (Diptera: Tephritidae) of economic significance shall only be imported under the terms of a bilateral quarantine arrangement (e.g. agreement, work plan) between the New Zealand MAF Biosecurity Authority's Director, Plants Biosecurity and the head of the supply country's NPPO.

## **6 Specific conditions for table grapes (commodity sub-class: fresh fruit/vegetables) from Italy**

### **6.1 PRE-SHIPMENT REQUIREMENTS**

#### **6.1.1 Inspection of the consignment**

New Zealand MAF requires that the Italy NPPO sample and visually inspect the consignment according to official procedures for all the regulated pests specified by New Zealand MAF. A phytosanitary certificate should not be issued if live regulated pest(s) or "unlisted" organism(s) are detected, unless the consignment is treated in order to eliminate these.

#### **6.1.2 Testing of the consignment**

Testing of the consignment prior to export to New Zealand for regulated pests which are not visually detectable (viz. fungi and bacteria) is not generally required for fresh table grapes from Italy.

#### **6.1.3 Documentation**

**Bilateral quarantine arrangement:** Required

Table grapes may only be imported into New Zealand from Italy under the terms of the bilateral quarantine arrangement.

**Phytosanitary certificate:** Required.

**Import permit/Authorisation to import:** Exempt under Gazette Notice: No. AG12, 13 July 1995.

#### **6.1.4 Phytosanitary certification**

A completed phytosanitary certificate issued by the Italy NPPO must accompany all table grapes exported to New Zealand.

Before a phytosanitary certificate is to be issued, the Italy NPPO must be satisfied that the following activities required by New Zealand MAF have been undertaken.

The table grapes have:

- (i) Been visually inspected in accordance with appropriate official procedures and found to be free of any regulated pests specified by New Zealand MAF.

AND

- (ii) Undergone an agreed treatment that is effective against the economic fruit fly species listed in Appendix 1 of this document.

### **6.1.5 Additional declarations to the phytosanitary certificate**

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

"The table grapes in this consignment have:

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

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

- been treated in accordance with Appendix 2 of the Arrangement between New Zealand MAF and the Italy NPPO concerning the access of host material of fruit fly species of economic significance into New Zealand from Italy."

## **6.2 TRANSIT REQUIREMENTS**

The table grapes must be packed and shipped in a manner to prevent infestation and/or contamination by regulated pests.

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

## **6.3 INSPECTION ON ARRIVAL IN NEW ZEALAND**

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

New Zealand MAF requires, with 95% confidence, that not more than 0.5% of the units (for table grapes, a unit is one bunch) in a consignment are infested with visually detectable regulated pests. To achieve this, New Zealand MAF will sample and inspect 600 units with an acceptance level of zero infested units (or equivalent), from the (homogeneous) lot.

#### **6.4 BIOSECURITY/QUARANTINE DIRECTIVE**

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

#### **6.5 TESTING FOR REGULATED PESTS**

New Zealand MAF may, on the specific request of the Director, Plants Biosecurity, test the consignment for regulated pests.

#### **6.6 ACTIONS UNDERTAKEN ON THE INTERCEPTION/DETECTION OF PESTS/CONTAMINANTS**

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

- Re-sorting (specific conditions apply) of the consignment
- Reshipment of the consignment
- Destruction of the consignment
- Treatment (where applicable) at the discretion of the Director, Plants Biosecurity for those pests in which specific pre export pest control activities are required
- The suspension of trade for “area freedom” pests
- The suspension of trade (economic species of fruit flies), until the cause of the non-compliance is investigated, identified and rectified to the satisfaction of New Zealand MAF

If a live organism is intercepted/detected that is not on the pest list (appended to this document), the consignment will be held (or equivalent) until an assessment is undertaken and appropriate phytosanitary measures developed.

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

Consignments that are contaminated with extraneous plant material (e.g. leaves and/or trash) in the 600 unit sample will result in the consignment being held until an assessment has been made in comparison with the risk of importing the part(s) of the plant species concerned.

## **6.7 BIOSECURITY CLEARANCE**

If regulated pests are not detected, or are successfully treated following interception/detection biosecurity clearance will be given.

## **6.8 FEEDBACK ON NON-COMPLIANCE**

The Italy NPPO will be informed by New Zealand MAF's Director, Plants Biosecurity of the interception (and treatment) of any regulated pests, "unlisted" pests, or non-compliance with other phytosanitary requirements.

## **7 Contingencies Following Biosecurity Clearance**

Should a regulated pest be detected subsequent to biosecurity clearance, New Zealand MAF may implement a management programme (official control programme) in accordance with Part V of the Biosecurity Act 1993 and Part 5 of the Biosecurity Amendment Act 1997.

## Appendix 1

### Pest List Commodity Sub-class: Fresh Fruit/Vegetables Table grapes, *Vitis vinifera* from Italy

| Scientific name  | Organism type | Common name             | Quarantine status | Measures to prevent entry | Actions on interception |
|--|---------------|-------------------------|-------------------|---------------------------|-------------------------|
| <i>Xylophilus ampelinus</i>  | bacterium     | bacterial blight        | Regulated         | 1b                        | 1b                      |
| <i>Coniella diplodiella</i>  | fungus        | white rot               | Regulated         | 1b                        | 1b                      |
| <i>Guignardia bidwellii</i> (anamorph <i>Phyllosticta ampelicida</i> ) | fungus        | black rot               | Regulated         | 2a & 1b                   | 1b                      |
| <i>Pestalotiopsis uvicola</i>  | fungus        | fruit rot               | Regulated         | 1b                        | 1b                      |
| <i>Phellinus igniarius</i>   | fungus        | -                       | Regulated         | 1b                        | 1a                      |
| <i>Phellinus punctatus</i>   | fungus        | heart rot               | Regulated         | 1b                        | 1a                      |
| <i>Pseudopezicula tracheiphila</i>                                     | fungus        | rotbrenner              | Regulated         | 1b                        | 1a                      |
| <i>Septoria ampelina</i>   | fungus        | septoria leaf spot      | Regulated         | 1b                        | 1a                      |
| <i>Altica ampelophaga</i>  | insect        | flea beetle             | Regulated         | 1a                        | 1b                      |
| <i>Anomala albopilosa</i>  | insect        | scarab beetle           | Regulated         | 1a                        | 1b                      |
| <i>Anomala cuprea</i>  | insect        | cupreous chafer         | Regulated         | 1a                        | 1b                      |
| <i>Anomala geniculata</i>  | insect        | scarab beetle           | Regulated         | 1a                        | 1b                      |
| <i>Anomala rufocuprea</i>  | insect        | soybean beetle          | Regulated         | 1a                        | 1b                      |
| <i>Anomala transvaalensis</i>  | insect        | scarab beetle           | Regulated         | 1a                        | 1b                      |
| <i>Apate monachus</i>  | insect        | black borer             | Regulated         | 1b                        | 1a                      |
| <i>Byctiscus betulae</i>   | insect        | hazel leafroller weevil | Regulated         | 1a                        | 1b                      |
| <i>Ceratitis capitata</i>  | insect        | Mediterranean fruit fly | Regulated         | 3                         | 3                       |

| Scientific name                     | Organism type | Common name          | Quarantine status | Measures to prevent entry | Actions on interception |
|-------------------------------------|---------------|----------------------|-------------------|---------------------------|-------------------------|
| <i>Ceroplastes rusci</i>            | insect        | fig wax scale        | Regulated         | 1a                        | 1b                      |
| <i>Cnephasia longana</i>            | insect        | omnivorous leaf-tier | Regulated         | 1a                        | 1b                      |
| <i>Drepanothrips reuteri</i>        | insect        | grape thrips         | Regulated         | 1a                        | 1b                      |
| <i>Empoasca vitis</i>               | insect        | grape leafhopper     | Regulated         | 1a                        | 1b                      |
| <i>Eotetranychus carpini</i>        | insect        | false spider mite    | Regulated         | 1a                        | 1b                      |
| <i>Eupoecilia ambiguella</i>        | insect        | vine moth            | Regulated         | 1a                        | 1b                      |
| <i>Hippotion celerio</i>            | insect        | grapevine hawk moth  | Regulated         | 1a                        | 1b                      |
| <i>Jacobiasca lybica</i>            | insect        | cotton jassid        | Regulated         | 1a                        | 1b                      |
| <i>Lobesia botrana</i>              | insect        | grape berry moth     | Regulated         | 2a                        | 1b                      |
| <i>Melolontha melolontha</i>        | insect        | cockchafer           | Regulated         | 1a                        | 1b                      |
| <i>Metcalfa pruinosa</i>            | insect        | citrus planthopper   | Regulated         | 1a                        | 1b                      |
| <i>Peridroma saucia</i>             | insect        | variegated cutworm   | Regulated         | 1a                        | 1b                      |
| <i>Planococcus citri</i>            | insect        | citrus mealybug      | Regulated         | 1a                        | 1b                      |
| <i>Planococcus ficus</i>            | insect        | fig mealybug         | Regulated         | 1a                        | 1b                      |
| <i>Pseudococcus longispinus</i>     | insect        | longtailed mealybug  | Regulated         | 1a                        | 1b                      |
| <i>Pulvinaria vitis</i>             | insect        | woolly vine scale    | Regulated         | 1a                        | 1b                      |
| <i>Scaphoideus titanus</i> [vector] | insect        | raspberry leafhopper | Regulated         | 2b                        | 3                       |
| <i>Schistocerus bimaculatus</i>     | insect        | grape cane borer     | Regulated         | 1a                        | 1b                      |
| <i>Spodoptera littoralis</i>        | insect        | cotton leafworm      | Regulated         | 1a                        | 1b                      |

| Scientific name   | Organism type | Common name                           | Quarantine status | Measures to prevent entry | Actions on interception |
|---|---------------|---------------------------------------|-------------------|---------------------------|-------------------------|
| <i>Targionia vitis</i>  | insect        | black scale of grapes                 | Regulated         | 1a                        | 1b                      |
| <i>Xestia c-nigrum</i>  | insect        | spotted cutworm                       | Regulated         | 1a                        | 1b                      |
| <i>Tenuipalpus granati</i>  | mite          | false spider mite                     | Regulated         | 1a                        | 1b                      |
| grapevine flavescence doree phytoplasma   | phytoplasma   |                                       | Regulated         | 2b                        | 3                       |
| Corky bark [strains known not to be in New Zealand]   | virus         |                                       | Regulated         | ☆                         |                         |
| Grapevine leafroll-associated closterovirus [type 4]  | virus         |                                       | Regulated         | ☆                         |                         |
| Grapevine leafroll-associated closterovirus [type 5]  | virus         |                                       | Regulated         | ☆                         |                         |
| Grapevine leafroll-associated closterovirus [type 6]  | virus         |                                       | Regulated         | ☆                         |                         |
| Grapevine leafroll-associated closterovirus [type 7]  | virus         |                                       | Regulated         | ☆                         |                         |
| Grapevine virus A (Genus Vitivirus)   | virus         | (associated with Kober stem grooving) | Regulated         | ☆                         |                         |
| LN33 stem grooving  | virus         |                                       | Regulated         | ☆                         |                         |
| <i>Cenchrus spp. (except C. ciliaris, C. caliculatus)</i> [contaminant]   | weed          | grass                                 | Regulated         | 1a                        | 1b                      |
| <i>Chondrilla juncea</i> [contaminant] [official control]   | weed          | skeleton weed                         | Regulated         | 1a                        | 1b                      |
| Digitaria spp. (except D. aequiglumis, D. ciliaris, D. ischaemum, D. sanguinalis, D. setigera, D. violascens) [contaminant] | weed          | grass                                 | Regulated         | 1a                        | 1b                      |

| Scientific name  | Organism type | Common name   | Quarantine status | Measures to prevent entry | Actions on interception |
|--|---------------|---------------|-------------------|---------------------------|-------------------------|
| <i>Echinochloa</i> spp. (except <i>E. crus-galli</i> , <i>E. crus-pavonis</i> , <i>E. esculenta</i> , <i>E. telmatophila</i> ) [contaminant]   | weed          | grasses       | Regulated         | 1a                        | 1b                      |
| <i>Gnaphalium</i> spp. (except <i>G. americanum</i> , <i>G. audax</i> , <i>G. calviceps</i> , <i>G. coarctatum</i> , <i>G. delicatum</i> , <i>G. ensifer</i> , <i>G. gymnocephalum</i> , <i>G. involucreatum</i> , <i>G. laterale</i> , <i>G. limosum</i> , <i>G. mackayi</i> , <i>G. nitidulum</i> , <i>G. paludosum</i> , <i>G. pennsylvanicum</i> , <i>G. polylepis</i> , <i>G. purpureum</i> , <i>G. ruahenicum</i> , <i>G. simplicicaule</i> , <i>G. sphaericum</i> , <i>G. subfalcatum</i> , <i>G. traversii</i> ) [contaminant] | weed          | cudweed       | Regulated         | 1a                        | 1b                      |
| <i>Lactuca</i> spp. (except <i>L. saligna</i> , <i>L. sativa</i> , <i>L. serriola</i> , <i>L. virosa</i> ) [contaminant]   | weed          | lettuce       | Regulated         | 1a                        | 1b                      |
| <i>Panicum</i> spp. (except <i>P. capillare</i> , <i>P. dichotomiflorum</i> , <i>P. huachucae</i> , <i>P. maximum</i> var. <i>trichoglume</i> , <i>P. miliaceum</i> , <i>P. schinzii</i> , <i>P. sphaerocarpon</i> ) [contaminant]   | weed          | panic grasses | Regulated         | 1a                        | 1b                      |
| <i>Phragmites</i> spp. [contaminant]   | weed          | grass         | Regulated         | 1a                        | 1b                      |
| <i>Poa</i> spp. (except 52 specified species in NZ) [contaminant]  | weed          | -             | Regulated         | 1a                        | 1b                      |
| <i>Solanum elaeagnifolium</i> [contaminant]  | weed          |               | Regulated         | 1a                        | 1b                      |
| <i>Sonchus</i> spp. (except <i>S. arvensis</i> , <i>S. asper</i> , <i>S. oleraceus</i> , <i>S. kirkii</i> ) [contaminant]  | weed          |               | Regulated         | 1a                        | 1b                      |
| <i>Tribulus terrestris</i> [contaminant]   | weed          | caltrop       | Regulated         | 1a                        | 1b                      |
| <i>Xanthium</i> spp. (except <i>X. spinosum</i> ) [contaminant]  | weed          | bur           | Regulated         | 1a                        | 1b                      |

| Scientific name   | Organism type | Common name           | Quarantine status | Measures to prevent entry | Actions on interception |
|---|---------------|-----------------------|-------------------|---------------------------|-------------------------|
| <i>Agrobacterium tumefaciens</i>                                  | bacterium     | crown gall            | Non regulated     | .                         | NA                      |
| <i>Alternaria alternata</i>                                       | fungus        | black stalk rot       | Non regulated     | .                         | NA                      |
| <i>Aspergillus niger</i>  | fungus        | aspergillus rot       | Non regulated     | .                         | NA                      |
| <i>Botryotinia fuckeliana</i> (anamorph <i>Botrytis cinerea</i> ) | fungus        | grey mould            | Non regulated     | .                         | NA                      |
| <i>Elsinoe ampelina</i> (anamorph <i>Sphaceloma ampelinum</i> )   | fungus        | anthracnose           | Non regulated     | .                         | NA                      |
| <i>Eutypa armeniaca</i>   | fungus        | eutypa dieback        | Non regulated     | .                         | NA                      |
| <i>Eutypa lata</i>  | fungus        | eutypa dieback        | Non regulated     | .                         | NA                      |
| <i>Phaeomoniella chlamydospora</i>                                | fungus        |                       | Non regulated     | .                         | NA                      |
| <i>Phellinus robustus</i>   | fungus        | black measles         | Non regulated     | .                         | NA                      |
| <i>Phomopsis viticola</i>   | fungus        | dead arm fungus       | Non regulated     | .                         | NA                      |
| <i>Plasmopara viticola</i>  | fungus        | downy mildew          | Non regulated     | .                         | NA                      |
| <i>Rhizopus arrhizus</i>  | fungus        | wet rot               | Non regulated     | .                         | NA                      |
| <i>Stereum hirsutum</i>   | fungus        | black measles         | Non regulated     | .                         | NA                      |
| <i>Uncinula necator</i> (anamorph <i>Oidium tuckeri</i> )         | fungus        | powdery mildew        | Non regulated     | .                         | NA                      |
| <i>Verticillium dahliae</i>                                       | fungus        | verticillium wilt     | Non regulated     | .                         | NA                      |
| <i>Aphis spiraecola</i>   | insect        | spirea aphid          | Non regulated     | .                         | NA                      |
| <i>Aspidiotus nerii</i>   | insect        | oleander scale        | Non regulated     | .                         | NA                      |
| <i>Drosophila melanogaster</i>                                    | insect        | vinegar fly           | Non regulated     | .                         | NA                      |
| <i>Frankliniella occidentalis</i>                                 | insect        | western flower thrips | Non regulated     | .                         | NA                      |
| <i>Hemiberlesia lataniae</i>                                      | insect        |                       | Non regulated     | .                         | NA                      |

| Scientific name                               | Organism type | Common name            | Quarantine status | Measures to prevent entry | Actions on interception |
|---|---------------|------------------------|-------------------|---------------------------|-------------------------|
| <i>Otiorhynchus sulcatus</i>                  | insect        | black vine weevil      | Non regulated     | .                         | NA                      |
| <i>Pseudococcus calceolariae</i>              | insect        | citrophilous mealybug  | Non regulated     | .                         | NA                      |
| <i>Thrips tabaci</i>                          | insect        | onion thrips           | Non regulated     | .                         | NA                      |
| <i>Brevipalpus californicus</i>               | mite          | bunch mite             | Non regulated     | .                         | NA                      |
| <i>Calepitrimerus vitis</i>                   | mite          | grapeleaf rust mite    | Non regulated     | .                         | NA                      |
| <i>Colomerus vitis</i> [erineum strain]       | mite          | grape erineum mite     | Non regulated     | .                         | NA                      |
| <i>Panonychus ulmi</i>                        | mite          | European red mite      | Non regulated     | .                         | NA                      |
| <i>Polyphagotarsonemus latus</i>              | mite          | broad mite             | Non regulated     | .                         | NA                      |
| <i>Tetranychus urticae</i>                    | mite          | twospotted spider mite | Non regulated     | .                         | NA                      |
| <i>Aphis gossypii</i>                         | mite          | cotton aphid           | Non regulated     | .                         | NA                      |
| <i>Cenchrus ciliaris</i> [contaminant]        | weed          | buffel grass           | Non regulated     | .                         | NA                      |
| <i>Digitaria sanguinalis</i> [contaminant]    | weed          | crab grass             | Non regulated     | .                         | NA                      |
| <i>Echinochloa crus-galli</i> [contaminant]   | weed          | barn grass             | Non regulated     | .                         | NA                      |
| <i>Lactuca saligna</i> [contaminant]          | weed          | wild lettuce           | Non regulated     | .                         | NA                      |
| <i>Lactuca sativa</i> [contaminant]           | weed          | lettuce                | Non regulated     | .                         | NA                      |
| <i>Lactuca serriola</i> [contaminant]         | weed          | prickly lettuce        | Non regulated     | .                         | NA                      |
| <i>Lactuca virosa</i> [contaminant]           | weed          | acrid lettuce          | Non regulated     | .                         | NA                      |
| <i>Panicum miliaceum</i> [contaminant]        | weed          | broomcorn millet       | Non regulated     | .                         | NA                      |
| <i>Pennisetum alopecuroides</i> [contaminant] | weed          | Chinese pennisetum     | Non regulated     | .                         | NA                      |

| Scientific name                        | Organism type | Common name                | Quarantine status | Measures to prevent entry | Actions on interception |
|--|---------------|----------------------------|-------------------|---------------------------|-------------------------|
| <i>Poa annua</i> [contaminant]         | weed          | annual poa                 | Non regulated     | .                         | NA                      |
| <i>Poa bulbosa</i> [contaminant]       | weed          | bulbous poa                | Non regulated     | .                         | NA                      |
| <i>Poa compressa</i> [contaminant]     | weed          |                            | Non regulated     | .                         | NA                      |
| <i>Poa infirma</i> [contaminant]       | weed          |                            | Non regulated     | .                         | NA                      |
| <i>Poa nemoralis</i> [contaminant]     | weed          |                            | Non regulated     | .                         | NA                      |
| <i>Poa pratensis</i> [contaminant]     | weed          | Kentucky bluegrass         | Non regulated     | .                         | NA                      |
| <i>Poa trivialis</i> [contaminant]     | weed          | rough-stalked meadow grass | Non regulated     | .                         | NA                      |
| <i>Sonchus asper</i> [contaminant]     | weed          |                            | Non regulated     | .                         | NA                      |
| <i>Sonchus oleraceus</i> [contaminant] | weed          |                            | Non regulated     | .                         | NA                      |
| <i>Sorghum halepense</i> [contaminant] | weed          |                            | Non regulated     | .                         | NA                      |
| <i>Xanthium spinosum</i> [contaminant] | weed          | bur                        | Non regulated     | .                         | NA                      |

### Measures to prevent entry

|   |    |
|---|----|
| No measures as pest is non regulated  | .  |
| No measures due to low risk pathway, albeit measures for known vectors  | ☆  |
| Visual inspection on arrival  | 1a |
| Consignment must be free from trash – pests are associated with leaves  | 1b |
| Undergone appropriate pest control activities (e.g. fungicide sprays, insecticide sprays, integrated pest management) | 2a |
| Pest free area (based on official detection survey)   | 2b |
| Agreed offshore fruit fly treatment and bilateral quarantine arrangement required                                     | 3  |

### Actions on interception

|   |    |
|---|----|
| No action as pest is non regulated                        | NA |
| No action due to low risk pathway                         | 0  |
| Removal of plant part affected (leaves, stem , trash etc) | 1a |
| Treat, reship or destroy                                  | 1b |
| Reship or destroy and suspend pathway                     | 3  |