Work Plan

AUSTRALIAN CITRUS EXPORTS TO THE PEOPLE’S REPUBLIC OF CHINA 2011

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<th>ISSUE/REV</th>
<th>DATE</th>
<th>REVISION DESCRIPTION</th>
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<tbody>
<tr>
<td>V5</td>
<td>5/07/06</td>
<td>Rewording and reformatting</td>
<td>WC</td>
</tr>
<tr>
<td>V6</td>
<td>16 Feb 07</td>
<td>Rewording and reformatting</td>
<td>WC</td>
</tr>
<tr>
<td>V7</td>
<td>15 June 07</td>
<td>Update Phytosanitary Certificates</td>
<td>SM</td>
</tr>
<tr>
<td>V8</td>
<td>2008</td>
<td>Rewording and reformatting</td>
<td>SM</td>
</tr>
<tr>
<td>V9</td>
<td>Apr 09</td>
<td>Minor changes to include inspection calyxes, re-wording</td>
<td>BW/PP</td>
</tr>
<tr>
<td>V10</td>
<td>Oct 09</td>
<td>Update registration templates – version 2010; Phyto examples &amp; Endorsement options</td>
<td>BB</td>
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<tr>
<td>V11</td>
<td>Dec 09</td>
<td>Minor editing changes – paragraphs repeating same instructions removed</td>
<td>PF</td>
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<tr>
<td>V12</td>
<td>Mar 11</td>
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NOTE: The Australian Government Department of Agriculture, Fisheries and Forestry seeks to publish its work to the highest professional standards. However, it is important to note that Work Instructions developed within BSG are not designed to provide all the essential detail required for staff to perform their roles. Readers should also rely on other tools and support such as; appropriate training and supervision; additional Reference Material and/or advice; and their own skills and judgment in applying decisions to particular issues, based on the nature and risk of the circumstances.
Introduction

All procedures described in this work plan are based on Australian legislative requirements and the quarantine requirements of the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) of the People’s Republic of China for the export of Australian citrus. The purpose of this work plan is to ensure each consignment meets these requirements.

The presence of a number of pests in Australia is of major concern to the Chinese authorities and it is essential that the Australian citrus industry adhere to the following procedures in order to ensure that Australian citrus meet the requirements for export to China. The major pests of concern are; Mediterranean fruit fly (Ceratitis capitata), Queensland fruit fly (Bactrocera tryoni), Fullers rose weevil (Asynonychus cervinus), blastobasid fruit borer (Blastobasis spp.), sorghum head caterpillar (Cryptoblades adoceta), light brown apple moth (Epiphyas postvittana), orange fruit borer (Isotenes miserana), brown rot (Phytophthora hibernalis), fruit rot (Phytophthora syringae), and septoria spot (Septoria citri).

Citrus sourced from pest free areas recognised by AQSIQ do not require cold treatment against fruit flies. Currently there are no such pest free areas recognised. Therefore all citrus being exported to China must undergo cold disinfection treatment against fruit flies.

There are two systems of cold treatment that are approved by AQSIQ to export Australian citrus fruit;

1. Pre-shipment cold disinfection treatments must be under supervision of the Australian Quarantine and Inspection Service (AQIS)/AQSIQ, followed by export inspection and commodity security arrangements in Australia and AQSIQ inspection on arrival in China. A request for an AQSIQ inspector must be requested 90 days prior to first export consignment.

2. In-transit cold disinfection treatment with AQIS export inspection including verification of the container, treatment commencement and completion of treatment by AQSIQ on arrival in China;
### Definitions and glossary

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved Arrangement (AA)</td>
<td>As defined by <em>Part 10 Export Control (Plants and Plant Products) Orders 2005</em>. It is an agreement entered into by DAFF and another person to undertake preparation of prescribed goods.</td>
</tr>
<tr>
<td>Approved Horticulture District</td>
<td>The areas known as the Riverland, Sunraysia and Riverina that are defined in the Workplan for Citrus Exports to USA.</td>
</tr>
<tr>
<td>Approved Inspector</td>
<td>An authorised officer; or a suitably trained person approved to undertake inspection and certification activities under an approved arrangement.</td>
</tr>
<tr>
<td>Approved Inspector</td>
<td>An authorised officer; or a suitably trained person approved to undertake inspection and certification activities under an approved arrangement.</td>
</tr>
<tr>
<td>Approved Person</td>
<td>An appropriately qualified person approved by DAFF to perform certain tasks for the purposes of inspection, evaluation, demonstration or treatment</td>
</tr>
<tr>
<td>AQIS</td>
<td>Australian Quarantine and Inspection Service (or its successor), a division of DAFF</td>
</tr>
<tr>
<td>AQIS officer</td>
<td>A person authorized under Section 20 of the <em>Export Control Act (1982)</em> to undertake export inspection and certification responsibilities.</td>
</tr>
<tr>
<td>AQSIOQ</td>
<td>General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China</td>
</tr>
<tr>
<td>Block</td>
<td>Any grove, orchard, vineyard or section of an orchard or vineyard which can be defined by set boundaries</td>
</tr>
<tr>
<td>CIQ</td>
<td>The port of entry branch of AQSIOQ, People's Republic of China.</td>
</tr>
<tr>
<td>Citrus Australia</td>
<td>Citrus Australia Limited (CAL) an industry organisation and successor to the Australian Citrus Growers</td>
</tr>
<tr>
<td>Consignment</td>
<td>A quantity of prescribed goods assembled or intended for export at the same time to a single overseas destination under a single Notice of Intention that requires phytosanitary certification</td>
</tr>
<tr>
<td>DAFF</td>
<td>Department of Agriculture, Fisheries and Forestry or its successor organisation – the Australian Government’s nominated National Plant Protection Organisation (NPPO)</td>
</tr>
<tr>
<td>EX28/EX222</td>
<td>Notice of intention to export given in accordance with the <em>Export Control (Plants and Plant Products) Orders 2005</em>. An approved form.</td>
</tr>
<tr>
<td>EXDOC</td>
<td>Electronic Export Documentation system administered by DAFF</td>
</tr>
<tr>
<td>Fruit Fly Secure</td>
<td>A package or structure that has openings less than 1.6mm</td>
</tr>
<tr>
<td>FRW</td>
<td>Fuller’s Rose Weevil <em>Asynonychus cervinus</em></td>
</tr>
<tr>
<td>HEP</td>
<td>Horticulture Exports Program (DAFF Canberra)</td>
</tr>
<tr>
<td>Inspection Lot</td>
<td>A number of units of a single commodity identifiable by its homogeneity of composition origin etc. forming part of a consignment presented for inspection at one time and one place.</td>
</tr>
<tr>
<td>IPM</td>
<td>Integrated Pest Management</td>
</tr>
<tr>
<td>Lot</td>
<td>A number of units of a single commodity identifiable by its homogeneity of composition origin etc. forming part of a consignment. FAO 1990</td>
</tr>
<tr>
<td>Term</td>
<td>Definition</td>
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<tr>
<td>--------------------</td>
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<tr>
<td>MAFF</td>
<td>Ministry of Agriculture, Forestry and Fisheries - Japan</td>
</tr>
<tr>
<td>Medfly</td>
<td>Mediterranean fruit fly <em>Ceratitis capitata</em></td>
</tr>
<tr>
<td>NPPO</td>
<td>National Plant Protection Organisation</td>
</tr>
<tr>
<td>NPQS</td>
<td>National Plant Quarantine Service of the Republic of Korea</td>
</tr>
<tr>
<td>Package</td>
<td>The principal covering in which the prescribed goods are packed</td>
</tr>
<tr>
<td>Pantech</td>
<td>A type of truck with a rigid cargo enclosure, also known as a pantechnicon</td>
</tr>
<tr>
<td>Pest</td>
<td>A live or viable species, strain or biotype of plant or animal life, or a pathogenic agent that is injurious or potentially injurious to plants or plant products.</td>
</tr>
<tr>
<td>Pest Free Area (PFA)</td>
<td>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. IPPC, ICPM 2001</td>
</tr>
<tr>
<td>Phytosanitary Certificate</td>
<td>A certificate issued in accordance with Article V of the IPPC or at the request of a foreign country authority.</td>
</tr>
<tr>
<td>Qfly</td>
<td>Queensland fruit fly – <em>Bactrocera tryoni</em></td>
</tr>
<tr>
<td>Reconditioning</td>
<td>A treatment of rejected prescribed goods.</td>
</tr>
<tr>
<td>Registered Crop Monitor</td>
<td>A person or company who is registered with an official state or federal government authority to conduct pest monitoring.</td>
</tr>
<tr>
<td>RFP</td>
<td>Request for Permit to export. This is the electronic (EXDOC) form of the Notice of Intention to Export (EX28 or EX222).</td>
</tr>
<tr>
<td>State Department Officer</td>
<td>A person authorised/delegated under the relevant state legislation.</td>
</tr>
<tr>
<td>ULD</td>
<td>Unit Load Device. An airfreight cargo term for an air freight container.</td>
</tr>
<tr>
<td>USDA</td>
<td>United States Department of Agriculture</td>
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1 General requirements

This section summarises the requirements for exporting citrus under cold treatment to China. Detailed information is provided under specific headings later in this work plan.

Orchards, crop monitors, packhouses, treatment providers and inspection facilities must be registered with AQIS for export of citrus to China. Registration forms are to be sent to local AQIS offices by a due date determined by the Horticulture Export Program (HEP).

Growers must have official certification from a registered crop monitor or State Department officer, verifying orchards harvesting citrus for China, have been inspected and found free from the eight pests of quarantine concern (See 1.3).

Citrus orchards and packhouses are subject to joint approval of AQIS and AQSIQ.

AQIS will verify that all requirements specified in the work plan are being complied with and will stipulate corrective actions in the case of non-conformance.

An AQIS officer will confirm cold disinfestation treatments have been completed in accordance with this work plan. In the case of onshore treatments an AQSIQ inspector must also verify treatment validity.

All costs associated with the delivery of this work plan (i.e. AQIS inspections, AQIS verification, AQSIQ verification visits etc) are the responsibility of industry.

All fruit presented for export must comply with the Export Control Act 1982, its subordinate orders and China import requirements.

1.1 Import Permit

a) A valid Import Permit issued by AQSIQ is required for each shipment/consignment of Australian citrus exported to China.

b) Exporters must present a valid Import Permit (with an English translation from an accredited source) for citrus to an AQIS officer prior to the commencement of each phytosanitary inspection.

1.2 Permitted citrus species

Only fresh citrus of the following species are permitted export to China subject to cold disinfestation treatment:

<table>
<thead>
<tr>
<th>Common name for phytosanitary certificate</th>
<th>Botanical name for phytosanitary certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oranges</td>
<td>Citrus sinensis</td>
</tr>
<tr>
<td>Mandarins</td>
<td>Citrus reticulata</td>
</tr>
<tr>
<td>Lemons</td>
<td>Citrus limon</td>
</tr>
<tr>
<td>Grapefruit</td>
<td>Citrus paradisi</td>
</tr>
<tr>
<td>Sweetie Grapefruit</td>
<td>Citrus grandis × Citrus paradisi</td>
</tr>
<tr>
<td>Limes</td>
<td>Citrus aurantifolia,Citrus latifolia,Citrus limonia</td>
</tr>
<tr>
<td>Tangelo</td>
<td>Citrus tangelo</td>
</tr>
</tbody>
</table>
1.3 Quarantine pests and diseases

The following insect pests are considered quarantine pests of concern by AQSIQ:

<table>
<thead>
<tr>
<th>Scientific name</th>
<th>Common name</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1] * Asynonychus cervinus</td>
<td>Fuller’s rose weevil</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>2] * Blastobasis spp</td>
<td>Blastobasid fruit borer</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>3] * Cryptoblabes adoceata</td>
<td>Sorghum head caterpillar</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>4] * Epiphyas postvittana</td>
<td>Light brown apple moth</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>5] * Isotenes miserana</td>
<td>Orange fruit borer</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>6] * Phytophthora hibernalis</td>
<td>Brown Rot</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>7] * Phytophthora syringae</td>
<td>Fruit rot</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>8] * Septoria citri</td>
<td>Septoria spot</td>
<td>Orchard Free</td>
</tr>
<tr>
<td>9] Aleurocanthus valenciae</td>
<td>Whitefly</td>
<td>Control</td>
</tr>
<tr>
<td>10] Bactrocera aquilonis</td>
<td>Northern Territory fruit fly</td>
<td>Control</td>
</tr>
<tr>
<td>11] Bactrocera jarvisi</td>
<td>Jarvis’ fruit fly</td>
<td>Control</td>
</tr>
<tr>
<td>12] Bactrocera neohumeralis</td>
<td>Lesser Queensland fruit fly</td>
<td>Control</td>
</tr>
<tr>
<td>13] Bactrocera tryoni</td>
<td>Queensland fruit fly</td>
<td>Control</td>
</tr>
<tr>
<td>14] Brevipalpus californicus</td>
<td>Bunch mite</td>
<td>Control</td>
</tr>
<tr>
<td>15] Ceratitis capitata</td>
<td>Mediterranean fruit fly</td>
<td>Control</td>
</tr>
<tr>
<td>16] Dirioxa pornia</td>
<td>Island fruit fly</td>
<td>Control</td>
</tr>
<tr>
<td>17] Ischnaapsis longirostris</td>
<td>Black thread scale</td>
<td>Control</td>
</tr>
<tr>
<td>18] Nipaecoccus aurilianatus</td>
<td>Golden mealy bug</td>
<td>Control</td>
</tr>
<tr>
<td>19] Planococcus minor</td>
<td>Pacific mealy bug</td>
<td>Control</td>
</tr>
</tbody>
</table>

* It must be established that orchards are free of these pests at initial orchard inspection. (NB treatment permitted for *Asynonychus cervinus* and *Epiphyas postvittana*).

AQIS must inform AQSIQ following an outbreak or change of status of any quarantine pest or disease in citrus growing areas (this includes any newly detected pest that has not been assessed by AQSIQ).

1.4 Integrated pest management program

The Australian citrus industry has agreed to carry out strict orchard hygiene and Integrated Pest Management (IPM) control programs. The IPM systems will be supplemented by packhouse inspection and AQIS inspection / verification requirements.

a) Grower’s must implement orchard monitoring and IPM field control procedures, to ensure quarantine pests of concern to China are adequately managed.

b) Growers who fail to demonstrate IPM and hygiene requirements will not be registered for the China export program until all requirements are met.

c) The IPM and field hygiene activities will be verified by registered crop monitors or State Department officers during orchard inspection.

d) When requested, AQIS will provide AQSIQ details of the IPM and related records.
1.5 Packaging and labeling requirements

a) Wooden packaging must be compliant with ISPM 15 requirements. Information is available on the AQIS website (www.aqis.gov.au).

b) All labeling and packaging requirements must be in accordance with the Export Control Act 1982 and its subordinate orders.

c) All packaging material must be new and clean

d) Packages must be clearly marked with the grower and packhouse China registration numbers.

e) Each pallet must be marked with the Chinese characters “For Export to the Peoples Republic of China” If pallets are not used (as with air freight consignments), the individual cartons must be marked with the Chinese characters “For Export to the People’s Republic of China” (see Attachment 8).

f) To avoid possible confusion and delays on arrival in China, AQIS recommends that labels are applied to the same location of each package and the labels are clearly legible and of consistent font size.

1.6 Security of citrus after packing

Security must be in place to ensure consignments are not exposed to possible infestation/contamination with quarantine pests. Security of consignments must be maintained following harvest.

1.6.1 Pre-shipment disinfestation

a) Containers must be inspected by AQIS and AQSIQ inspector prior to loading. Any open container vents must be covered to prevent the entry of pests. Any openings must be smaller than 1.6mm.

b) Fruit being shipped by sea in non insect proof cartons must be loaded into the container within an insect proof building, or using an insect proof enclosure between the cool room entrance and the container.

1.6.2 In-transit disinfestation

a) Containers used for in-transit cold disinfestations must be self-refrigerated USDA approved. Industry is responsible for ensuring containers are suitable to perform in-transit cold disinfestation.

b) Citrus fruit destined for in-transit cold disinfestation can be loaded into containers without the use of insect proof barriers or screens. However, containers must be loaded in a manner to ensure that infestation/contamination by quarantine pests do not occur.

1.7 Occupational Health and Safety responsibilities

AQIS is committed to maintaining high standards in occupational health and safety in the work place.
All participants in the citrus export program have a duty of care to take all reasonably practical steps to ensure a healthy and safe work environment.

Officers authorised by the Department of Agriculture Fisheries and Forestry must ensure that all on site health and safety precautions are followed when entering a premise.
2 Grower requirements

Growers intending to register orchards for export of citrus to China must provide AQIS with a record of inspection from a registered crop monitor or State department officer. The record of inspection must clearly indicate that the orchards have been inspected and found free of the eight specific pests (See 1.3 marked with an *).

2.1 Establishment of orchard freedom

Growers must undertake the following activities prior to AQIS registration for China:

- register their orchards with an AQIS registered packhouse/s.
- Registration must be completed by a due date as specified by AQIS,
- complete and sign a form (Attachment 1) expressing their interest to participate in the China citrus export program and supply to local AQIS office,
- undertake orchard monitoring surveys and IPM for the quarantine pests and diseases listed in Section 1.3. The surveys and IPM program are to be conducted in accordance with the guidelines issued by the Australian Citrus Growers, and
- provide a report to AQIS from a registered crop monitor or State Department Officer stating that the orchard has been inspected and found free of the specific pests of quarantine concern (See 1.4).

The initial orchard inspection must be conducted by a Registered Crop Monitor. Registered Crop Monitors must forward the results of the crop inspections to the relevant growers or packhouses. Packhouses must then forward crop inspection results and full registration details to their local AQIS office by the end of April each year.

2.2 Registration criteria

Along with the initial orchard inspection growers must;

a) maintain ongoing IPM and orchard monitoring surveys throughout the season for the pests of quarantine concern listed in section 1.3.

b) provide the following details for registration:
   - details of properties/orchards (i.e. locality map); and
   - size of each orchard

c) Ensure monitoring records are to be made available to AQIS upon request for verification.

2.3 Orchard suspension/mandatory treatment

a) If any of the specific pests of quarantine concern (Section 1.3), with the exception of Fullers Rose Weevil - FRW (*Asynonychus cervinus*) and Light Brown Apple Moth (*Epiphyas postvittana*), are detected on fruit for export (fruit presented for export inspection) all exports from the orchard shall be suspended for the remainder of the export season.
b) If FRW is detected growers can continue to be registered for China (and continue to
carry out monitoring and control for other pests listed in Section 1.3) but all fruit from
the affected orchard will be subject to mandatory fumigation with methyl bromide
(CH$_3$Br) for the rest of the season at the following rates.
- 32g/m$^3$ for 2 hours at 21°C and above (standard dosage)
- 40g/m$^3$ for 2 hours at 16°C-20°C
- 48g/m$^3$ for 2 hours at 11°C-15°C

**Note:** Fumigation must be conducted by a qualified fumigator. Fumigation details must be
included on the Phytosanitary Certificate. AQIS must sight a valid fumigation certificate.

c) If Light Brown Apple Moth is detected, growers can continue to be registered for China
(and continue to carry out monitoring and control for other pests listed in Section 1.3) but all
fruit from the affected orchard will be subject to mandatory application of a post harvest oil
treatment (as per label instruction) as an alternative to orchard freedom for the rest of the
season

**Note:** Oil treatment details must be included on the Phytosanitary Certificate. AQIS must sight a
treatment declaration.

d) If growers do not elect to treat the fruit they can notify the packhouse and their regional
AQIS office that they would like to voluntarily suspend the affected orchard from the China
program for the rest of the season.

**Note:** It is the responsibility of growers/packhouses to notify the AQIS office within their region
of FRW/Light Brown Apple Moth detections and voluntary withdrawals as soon as practicably
possible. The HEP Canberra office is to be notified by email notification to ensure the request for
AQSIQ notification is actioned.

e) HEP will be responsible for notifying AQSIQ of suspended orchards.
3 Packhouse requirements

3.1 Registration

a) All packhouses are required to be registered with AQIS. The facilities must meet the requirements of the *Export Control Act* 1982 and its subordinate orders.

b) Packhouses must also be registered specifically for export to China. Participants are to complete and sign the registration form verifying their agreement to comply with this work plan (*Attachment 2*).

c) AQIS will audit packhouse procedures and documentation (including orchard registration) as part of the registration process annually. Further audits will be conducted as deemed appropriate.

d) AQIS Export managers are to regularly update packhouse lists (including orchards, crop monitors, date of approval and necessary details) and advise the China contact officer in Canberra amendments have been made.

e) Before the beginning of the export season, AQIS will provide AQSIQ with a list of orchards and pack houses.

3.1 Hygiene program

Hygiene is part of the standard AQIS registration requirements listed in the *Export Control (Plants and Plant Products) Orders 2005*.

3.2 Documentation

Traceability is part of the standard AQIS registration requirements listed in the *Export Control Act* 1982 and its subordinate orders. Packhouses are responsible for maintaining a documented system to allow traceability of fruit back to the orchard. Packhouses must record and keep on file the following documentation:

- copy of AQIS establishment registration,
- copy of registration form for citrus to China (*Attachment 2*),
- copy of grower/orchard registration forms for citrus to China (*Attachment 1*),
- records of inspection or orchard inspection by crop monitors including detections of quarantine pests and/or diseases
- records of mandatory fumigations for the season,
- list of suspensions and voluntary withdrawals of orchards for the season,
- receival/loading records, and
- records relating to implementation of hygiene programs, for example bait logs and cleaning records.
4 Cold disinfestation treatment

4.1 General requirements

Cold disinfestation treatment against quarantine fruit flies is mandatory for all fruit.

a) Cold disinfestation treatment will take place either pre-shipment or in-transit (under AQIS supervision).

b) All on-shore cold disinfestation treatments shall be supervised by the AQSIQ preclearance officer

c) In-transit treatment may be completed on-arrival in China.

d) If in-transit treatment fails, the process may be re-started on-arrival in China

e) All airfreight shipments must undergo pre-shipment treatment.

f) If a treatment does not meet the schedule set out in 4.2 the consignment will be rejected.

4.2 Cold treatment schedule

The following treatment schedule will be accepted for the cold disinfestation of quarantine fruit flies:

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Fruit pulp* temperature (°C)</th>
<th>Exposure period (consecutive days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1°C or below</td>
<td>16</td>
</tr>
<tr>
<td>2</td>
<td>2.1°C or below</td>
<td>21</td>
</tr>
</tbody>
</table>

* Note: only the fruit pulp temperatures are used to record temperature during cold treatment. Air temperature probes are not used.
5 Treatment facility requirements for on-shore cold treatment

5.1 Registration

a) All facilities intending to carry out on shore cold disinfection shall be jointly approved by AQIS and AQSIQ.

b) All treatment facilities intending to perform cold disinfection are required to be registered with AQIS. The facilities must meet the requirements of the *Export Control Act 1982* and its subordinate orders.

c) Cold treatment facilities must also be registered specifically for export to China. AQIS will keep a register of all cold treatment facilities approved for pre-shipment treatment to China.

d) AQIS is responsible for ensuring that cold treatment room facilities used by exporters are of a suitable standard and have refrigeration equipment capable of achieving and holding fruit at the required temperature.

d) Participants are to complete and sign the registration form verifying their agreement to comply with this work plan (*Attachment 3*). The following details must be provided for registration:
   o contact details of owner/operator,
   o location and construction plans of all facilities,
   o dimensions of the facility and each cold room capacity,
   o the type of insulation used in the walls, ceilings and floors,
   o the make, model, type, and capacity of the refrigeration condenser and evaporator/air circulation,
   o the temperature range of the equipment, defrost cycle control, and specifications and details of any integrated temperature-recording equipment.

e) AQIS will audit treatment facility procedures and documentation as part of the registration process annually. Further audits will be conducted as deemed appropriate.

f) AQIS will forward to the AQSIQ names and addresses of all registered pre-shipment cold disinfections facilities prior to the start of the export season.

5.2 Hygiene program

Same conditions apply as in 3.1.

5.3 Documentation

Traceability is part of the standard AQIS registration requirements listed in the *Export Control (Plants and Plant Products) Orders 2005*. Treatment facilities are responsible for maintaining a documented system to allow traceability of fruit back to the orchard. The following documentation must be recorded and kept on file:

- copy of AQIS approved premise registration,
- copy of registration form for citrus to China (*Attachment 3*),
- receival/dispatch records for each cold room for a treatment batch or lot,
- AQIS endorsed calibration record (See Attachment 4 for an example of this form),
- Copy of endorsed treatment records and details of each treatment,
- maintenance records of all equipment; and
- records relating to implementation of hygiene programs, for example bait logs and cleaning records.

5.4 Requirements for temperature recording system

Temperature recording equipment must meet the following conditions:

a) record temperature data in 0.1°C units,

b) accommodate the required number of probes,

c) record and store data for the period of the treatment and until the information can be examined by AQIS and AQSIQ officers.

d) record all temperature sensors at least hourly to the same degree of accuracy as is required of the sensors, and

e) produce data downloads which identify each sensor, time and the temperature, as well as the identification number of the cold store facility.

5.5 Calibration of temperature sensors

An AQIS officer must supervise the calibration of temperature sensors using ice slurry and distilled water (the ice slurry method) using a certified thermometer approved by AQIS.

a) If any sensor reads more than ± 0.3°C from 0°C during calibration, it must be replaced.

b) Calibration of temperature sensors using the ice slurry method must occur prior to and after the cold disinfestation treatment. See 5.7 for further details on re-calibration

c) AQIS will enter the calibration readings from all four fruit pulp temperature sensors onto the calibration record. See Attachment 4 for an example.

AQIS INSPECTORS ARE NOT QUALIFIED TO OPERATE OR SET COLD TREATMENT RECORDING SYSTEMS AND AS SUCH ACCEPT NO RESPONSIBILITY FOR THIS.

5.6 Placement of temperature sensors

a) Palletised fruit must be loaded into cool rooms under AQIS supervision. Fruit may be pre-cooled at the exporter’s discretion.

b) A minimum six temperature sensors are used during pre-shipment treatment: four fruit pulp temperature sensors and two air temperature sensors.

c) The four fruit pulp temperature sensors must be placed in the following locations:

- one at the centre of the stack, in the centre of the cold room,
- one at the corner of the top stack, in the centre of the cold room,
- one at the centre of the stack near the cold air outlet,
- one at the corner of the stack near the cold air outlet

d) The two air temperature sensors are to be located at the air inlet and air outlet locations. These sensors will not be used to determine treatment.

e) Placement of temperature sensors in fruit must be under AQIS supervision.

f) The treatment will commence once fruit sensors have reached the nominated temperature (See 4.2). Initial temperature readings are to be supervised by AQIS and recorded on the calibration record (Attachment 4).

5.7 Recalibration of temperature sensors

a) Recalibration of temperature sensors must occur after the treatment parameters specified in Section 4.2 have been met. See Section 5.5 for calibration details. Sensors should be calibrated before the fruit is removed from the treatment room.

b) If any sensor reads more than ± 0.3°C from 0°C during the re-calibration the treatment is considered failed and must occur again. The offending sensor/s must be replaced prior to any further treatments and replacement sensors must be calibrated as per section 5.5.

c) If a sensor reads higher than 0°C but less than +0.3°C after re-calibration, the treatment is unaffected and is considered complete.

d) If a sensor reads lower than 0°C but not below –0.3°C after re-calibration, the treatment records must be adjusted upwards to compensate. If this occurs it is possible the treatment parameters listed in Section 4.2 have not been met and the treatment failed. There is an option of re-treating the fruit at the discretion of AQIS and the exporter.

5.8 Verification of treatment

a) AQIS/AQSIQ officers will review copy of printouts to ensure the treatment schedule listed in 4.2 has been met. Printouts must be retained for AQSIQ audit purposes.

b) It is recommended the treatment temperature is maintained until an AQIS officer confirms the required treatment schedule has been met.

c) The cold treatment is only considered complete once the sensors have been re-calibrated.

d) Where only the minimum number of probes have been used, and in the event that any probe fails to record a temperature for a period of more than four consecutive hours, the treatment will be failed and must be started again.

e) Hard copy printouts of records of treatment are to be signed, stamped and endorsed as “COMPLETED” by an AQIS/AQSIQ officer and kept on file.

5.9 Continuation of a failed treatment

a) If temperature during the treatment phase falls below the parameters specified in 4.2, the exporter can choose to re-commence and continue treatment until the correct parameters are met. The elapsed time between treatment cessation and recommencement must be less than 24 hours.
b) If the treatment fails because of a malfunctioning sensor, the faulty sensor must be replaced and the treatment re-started under AQIS/AQSIQ supervision.

5.10 Storage

Fruit that has been successfully treated must be secured at all times to ensure it is not exposed to possible infestation. Storage rooms must be sealed and contain no other fruit. AQIS will monitor the movement of all treated citrus fruit.

5.11 Loading

Containers must be loaded under AQIS/AQSIQ supervision. See 1.6 for further information relating to container requirements.
6  In-transit cold disinfestation treatment

6.1 General requirements

In-transit cold disinfestation treatments must be carried out in self refrigerated (integral) USDA shipping containers and be completed in-transit or at destination. In the event of an in-transit treatment failure, the treatment can be completed on arrival in China.

Fruit to be shipped shall be kept (pre-cooling) in cold storage and not loaded into containers until pulp temperature drops to 4°C or below.

All in-transit containers must be loaded and sealed under AQIS supervision.

6.2 Inspection establishment and load out facility

a) All facilities loading containers for in-transit cold disinfestation must be AQIS registered establishments. Facilities must meet the requirements of the Export Control Act 1982 and its subordinate orders.

6.3 Hygiene program

Same conditions apply as 3.2.

6.4 Documentation

Traceability is part of the standard AQIS registration requirements listed in the Export Control Act 1982 and its subordinate orders. Packhouses, inspection premises and load out facilities are responsible for maintaining a documented system to allow traceability of fruit back to the orchard. The following documentation must be recorded and kept on file:

- copy of AQIS approved premise registration,
- receival/dispatch records,
- export documentation for each consignment,
- records relating to implementation of hygiene programs, for example bait logs and cleaning records.

6.5 Container requirements

In-transit cold disinfestation containers must:

- be approved by the USDA for in-transit cold disinfestations treatment. A list of approved USDA containers can be found at: https://treatments.cphst.org/vessels/containers.cfm
- have secure automatic temperature recording equipment to allow confirmation of the fruit pulp temperature during the cold disinfestation treatment (must be accessible from outside the container),
- the data download system must provide secure data format to prevent interference or tampering with actual temperature data.
6.6 Requirements for temperature recorders

The temperature recording system: the combination of the cold treatment data recorders and associated fruit pulp temperature sensors must meet the following criteria:

- accommodate a minimum of three fruit pulp temperature sensors.
- record temperatures hourly.
- Sensors should be accurate to ± 0.15°C in the range of ± 3°C
- be capable of storing data: identifying each temperature sensor; the time and temperature; the identification number of the recording unit(s) and the container number. This data must be able to be downloaded and viewed in printed form.
- be able to record and store data for the duration of the in-transit treatment and until the information can be retrieved by the shipping company and supplied to AQIS/AQSIQ.

6.7 Calibration of temperature sensors

An AQIS officer must supervise the calibration of temperature sensors using ice slurry and distilled water (the ice slurry method) using a certified thermometer approved by AQIS.

a) If any sensor reads more than ± 0.3°C from 0°C during calibration, it must be replaced.

b) AQIS must enter the calibration readings from all three fruit pulp temperature sensors onto the calibration record (See Attachment 5 for an example). The calibration record must be stamped and signed by AQIS once it is complete and attached to the phytosanitary certificate accompanying the consignment.

c) On arrival, the fruit sensors will be calibrated by CIQ.

6.8 Placement of temperature sensors and loading of container

a) Containers must be packed in a manner which ensures there is even airflow under and around pallets or hand stowed cartons.

b) The temperature sensors are to be placed under AQIS supervision.

c) In-transit cold disinfestation treatments must be recorded by a minimum of three fruit pulp temperature sensors and two air sensors. Treatment is considered to have started when the fruit pulp temperature meets the nominated temperature requirement detailed in 4.2. The sensors must be placed in the following locations:

- Sensor 1 (in pulp of fruit) must be placed at the centre of the stack, top, first row, front of the container.
- Sensor 2 (in pulp of fruit) must be placed at one-half of the height of the stack, and 1.5 metres (40 ft containers) or 1 metre (20 ft containers) at right angles to the centre of the container door.
- Sensor 3 (in pulp of fruit) must be placed at one-half the height of the stack, and 1.5 metres from the door, left wall.
- The two air temperature sensors must be placed at the inlet and outlet points of air circulation

Refer diagram below.
Figure 1. Location of the three fruit pulp temperature sensors.

6.9 Sealing of container

All containers must be sealed under AQIS supervision.

6.10 Temperature records

a) Temperature records for in-transit containers are to be downloaded by a representative of the shipping company on arrival in China.

b) The downloaded data file(s) from the container must be sent to CIQ at the first port of call in China.

c) CIQ will verify the efficacy of the treatment. The treatment is not complete until CIQ verify the data downloads meet the treatment schedule (See 4.2) and checks the calibration of the fruit pulp sensors.
7 Export Inspection

7.1 General requirements
All consignments are subject to an AQIS phytosanitary inspection prior to export.

The purpose of the AQIS export inspection is to ensure, based on a representative sample, each consignment meets the Australian legislative requirements and the Chinese import requirements (i.e. free from pests of quarantine concern).

Growers, packhouses, treatment facilities and exporters are responsible for ensuring that consignments of citrus fruit are free from all pests of quarantine concern to China and meet Australian export legislation.

Consignments may be reconditioned and represented for inspection following the interception of a pest of quarantine concern other than those pests that require orchard freedom and all stages of live fruit fly. See 7.4 for further details about reconditioning.

7.2 Export inspection criteria
Phytosanitary inspections must be undertaken by an AQIS officer.

AQIS officers will perform a phytosanitary inspection on a randomly selected sample, consisting of 600 units or 2% (a minimum of three cartons) of the completed consignment or lot presented for phytosanitary inspection. Inspection lots and sampling rate must be nominated by the exporter or agent prior to commencement of inspection. During the phytosanitary inspections, 10% i.e. 60 fruits in a 600-unit sample, of fruits will have the calyx (button) lifted to inspect for pests, especially egg masses, and other quarantine pests of concern to China. Navels of some varieties also require close inspection for pests.

A valid Import Permit issued by AQSIQ must be sighted prior to the phytosanitary inspection.

After the container has been loaded, a numbered seal must be placed by an AQIS officer on the container door. The seal can only be removed by the CIQ officer at the port of arrival in China.

7.3 Rejection criteria
If a packhouse cannot establish traceability to individual orchards/blocks within a consignment, then all the orchards/blocks packed in the consignment will be subject to the rejection criteria below.

7.3.1 Detection of pests for which orchard freedom is required
a) If any of these specific pests of quarantine concern listed in Section 1.3 are detected on the fruit at export inspection, the entire consignment will be rejected for export to China. The orchard/grower from which the fruit was sourced will be suspended from exporting citrus to China for the season. Treatment options for LBAM and FRW may be available. (NOTE: cartons from the offending orchard/growers may be removed from the consignment and the remaining cartons re-presented for export inspection).
b) If FRW is detected on the fruit at inspection, the exporter may fumigate goods at rates specified in Section 2.3(b) and re-presented for export inspection.

c) If LBAM is detected on the fruit at inspection the fruit will be rejected but other fruit harvested later from that orchard will be treated with oil (refer 2.3) or not exported to China.

### 7.3.2 Detection of live fruit flies

a) Should any live quarantine fruit flies be detected during inspection, the entire lot will be rejected. The detection shall be reported to AQIS Canberra immediately. No reconditioning is permitted for lots detected with live quarantine fruit flies.

b) If any live quarantine fruit flies (Section 1.3) are found during inspection after on shore cold treatment, the entire treatment lot will be rejected. The treatment facility operations will be suspended until the cause of the treatment failure has been investigated.

c) Suspended cold treatment operations will only be reinstated to the export program once AQIS is satisfied the cause of the non conformance has been identified and suitable corrective measures have been implemented.

### 7.3.3 Detection of other quarantine pests

If live quarantine pests other than fruit fly or specific pests of quarantine concern are found at inspection, the consignment presented for inspection will be rejected. Reconditioning and re-inspection may occur.

### 7.4 Reconditioning

If live quarantine pests other than fruit fly and those which require orchard freedom (excluding FRW) listed in Section 1.3 are detected; the consignment may be reconditioned to remove the infestation.

The reconditioning method is a commercial decision and can include the removal of the non conforming block or grower’s fruit from the inspection lot.

The type of reconditioning is at the exporter’s discretion however the reconditioning method chosen must suitably address the quarantine risk and biology of the pest.

After reconditioning, the consignment must be re-inspected and may be exported if it is found free from infestation of all live quarantine pests. **NOTE:** treated fruit must be kept secure against fruit fly infestation at all times.

Reconditioned consignments intended for export to China must be re-presented for phytosanitary inspection in accordance with Part 9 of the *Export Control (Plants and Plant Products) Orders*. Details of goods being resubmitted must be detailed in writing and include corrective measures taken to ensure they meet export requirements (for both Approved Arrangements and AQIS inspected goods).
8 Phytosanitary certification

8.1 General requirements

a) Phytosanitary certificates are required to be completed in accordance with procedures set out in the Phytosanitary Certificate Completion work instruction. This document is available on the AQIS website (www.aqis.gov.au).

b) A phytosanitary certificate (electronic or manual) will only be authorised by an AQIS officer provided that export conditions are met.

See Attachments 6 and 7 for sample phytosanitary certificates.

c) For sea freight shipments, both the container and seal numbers must be recorded on the phytosanitary certificate.

d) The registered packhouse number/s must be entered in the phytosanitary certificate under item 12 (Distinguishing marks and the container Nos.). This must be entered into the “shipping marks” section of the EXDOC Request For Permit (RFP) and be in the example format of: PACKHOUSE NO: 0000

8.2 Additional declarations

Citrus inspected under this work plan must have one of the following Additional declaration / Endorsement stated on the Phytosanitary certificate:

1) The consignment is in compliance with requirements described in the Protocol of Phytosanitary Requirements for the Export of Citrus Fruit from Australia to China signed on June 12, 2009 and is free from the quarantine pests of concern to China.

OR

1) The consignment is in compliance with requirements described in the Protocol of Phytosanitary Requirements for the Export of Citrus Fruit from Australia to China signed on June 12, 2009 and is free from the quarantine pests of concern to China,

2) The consignment is subject to intransit cold disinfestation for 16 days at 1 degree celsius.

OR

1) The consignment is in compliance with requirements described in the Protocol of Phytosanitary Requirements for the Export of Citrus Fruit from Australia to China signed on June 12, 2009 and is free from the quarantine pests of concern to China,

2) The consignment is subject to intransit cold disinfestation for 21 days at 2.1 degrees celsius.

8.3 Pre-shipment cold treated fruit

If the consignment received pre-shipment onshore cold disinfestation for fruit flies the following information must be inserted into the DISINFESTATION AND/OR DISINFESTATION TREATMENT section of the Phytosanitary certificate:

a) the name of the AQIS approved cold treatment facility, and
b) treatment temperature, and

c) duration (number of consecutive days).

Note: The AQIS officer / AQIS approved inspector must sight valid treatment records including records of calibration of fruit pulp sensors to endorse a preshipment treatment on a Phytosanitary certificate.

8.4 In-transit cold disinfestation

In-transit cold disinfestation treatment will commence once fruit sensors have reached the nominated treatment temperature.
9 Import inspection

All documentation will be checked on arrival before inspection can occur. If the fruit is found to originate from unapproved orchards, packhouses or treatment facilities, the shipment will not be permitted entry.

a) All consignments are subject to an import inspection on arrival.

b) If live quarantine pests are found on inspection the following measures will be taken:

If any live quarantine pests are found, the consignment will be re-exported, destroyed or treated at the owner’s expense. (Limited to cases where pests can be exterminated effectively). *AQSIQ may suspend the offending orchard, packhouse or the entire program until the cause of the infestation is investigated.*
10 Auditing

10.1 AQSIQ

a) AQSIQ reserves the right to audit export procedures in Australia.

b) All expenses relating to an AQSIQ audit must be met by industry.

10.2 AQIS

a) If the program is suspended by AQSIQ because of interception of a pest of quarantine concern, or any irregularity, the program will remain suspended until AQIS and AQSIQ are satisfied the cause of the non conformance has been identified and suitable corrective measures have been implemented.

b) The full cost of any AQIS audit will be borne by industry.

c) AQIS will carry out documented annual audits to ensure compliance with the work plan. These audits will include all packhouses, a sample of crop monitors (1 to 3) and a sample of growers for each packhouse (no less than 1 grower up to 3 growers or more at AQIS’ discretion).

d) If detections of quarantine pests (e.g. FRW) are made by AQSIQ, AQIS, packhouse staff or Approved Inspectors at any stage, AQIS may conduct a documented audit to identify failures in the system or AQIS may accept the results of an independent audit or an internal audit conducted under an Approved Arrangement. If critical failures are identified in the system, suspension of the packhouse, crop monitor and/or the orchard will be put in place until the system is demonstrated to be fully effective.

e) If a crop monitor has been suspended by AQIS, all growers inspected by that crop monitor may be suspended unless it can be demonstrated that they should not be suspended.
# Attachment 1 Application for grower/orchard registration

**APPLICATION FOR GROWER / ORCHARD REGISTRATION FOR THE EXPORT OF AUSTRALIAN CITRUS TO CHINA / KOREA / THAILAND**

## ORCHARD NAME

<table>
<thead>
<tr>
<th>PROPERTY ADDRESS</th>
<th>Postcode:</th>
</tr>
</thead>
</table>

## CONTACT DETAILS

<table>
<thead>
<tr>
<th>Name:</th>
<th>Ph. ( )</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>E-mail address:</th>
<th></th>
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</thead>
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<table>
<thead>
<tr>
<th>Postal/Business address</th>
<th>Postcode:</th>
</tr>
</thead>
</table>

## MAP OF ORCHARD ATTACHED / PROVIDED

- **YES:**
- **NO:**

## NOMINATED PACKHOUSE(s) (please list):

- AQIS Reg. Est. No.
- AQIS Reg. Est. No.

## DECLARATION

I/we, ____________________________________________________________, hereby apply for registration to produce:

(please tick the appropriate box(es):

- ☐ Citrus to China as required under the Conditions for Export of Citrus from Australia to China as agreed between the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) of the People's Republic of China National Plant Quarantine Service and Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).

  - I have read the 2010 China Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to growers. I will undertake application of regular and routine orchard pest control programs, including the keeping of spray records to ensure that quarantine pests of concern to China are adequately managed, as follow advice provided by commercial crop monitors.

- ☐ Citrus to Korea as required under the Conditions for Export of Citrus from Australia to Korea as agreed between the National Plant Quarantine Service (NPQIS) of Korea and Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).

  - I have read the 2010 Korea Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to growers. I will undertake application of regular and routine orchard pest control programs, including the keeping of spray records to ensure that quarantine pests of concern to Korea are adequately managed, as follow advice provided by commercial crop monitors.

- ☐ Citrus to Thailand as required under the Conditions for Export of Citrus from Australia to Thailand as agreed between the Department of Agriculture (DOA) – Thailand and the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).

  - I have read the 2010 Thailand Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to growers. I will undertake application of regular and routine orchard pest control programs, including the keeping of spray records to ensure that quarantine pests of concern to Thailand, including fruit fly, are adequately managed, as follow advice provided by commercial crop monitors.

I acknowledge that failure to comply with the aforementioned conditions and restrictions may lead to suspension or cancellation of said registration.

☐ I agree that the information contained in this form may be released by AQIS to relevant industry bodies so that those bodies can be assured of which horticultural enterprises are eligible to export their products overseas. I also understand and agree that relevant industry bodies may display such information on their websites.

I understand that giving false or misleading information is a serious offence (Criminal Code Act 1995, Division 137.1)

<table>
<thead>
<tr>
<th>GROWER</th>
<th>SIGNATURE</th>
<th>DATE</th>
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<tbody>
<tr>
<td>(Printed name)</td>
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<table>
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<tr>
<th>WITNESS</th>
<th>SIGNATURE</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
<td>(Printed name)</td>
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</tbody>
</table>

Date Approved by AQIS (if applicable):

- Stamp/Seal:
- Allocated Registration No:

Name of AQIS Officer:

- Officer Signature:

**Version 2013**

A copy of this form is to be faxed to and retained by (1) local AQIS office and (2) nominated Packhouse(s)
Attachment 2  Application for packhouse registration

<table>
<thead>
<tr>
<th>PACKHOUSE NAME</th>
<th>AQIS Reg. Est No</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPERTY ADDRESS</td>
<td>Postcode</td>
</tr>
<tr>
<td>CONTACT DETAILS</td>
<td>Name: Pls ( ) E-mail address: Post/Business address Postcode</td>
</tr>
</tbody>
</table>

**DECLARATION**

I/Wc, ................................................................. hereby apply for registration to pack:

(please tick the appropriate box):

- Citrus to China as required under the Conditions for Import of Citrus from Australia to China as agreed between the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) of the People's Republic of China National Plant Quarantine Service and Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).
  - I have read the 2010 China Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to packhouses. I will undertake application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to China are adequately managed.

- Citrus to Japan as required under the Conditions for Import of Citrus from Australia to Japan as agreed between the Japanese Ministry of Agriculture, Forestry and Fisheries (MAFF) and Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).
  - I have read the 2010 Japan Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to packhouses. I will undertaking application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to Japan are adequately managed.

- Citrus to Korea as required under the Conditions for Import of Citrus from Australia to Korea as agreed between the National Plant Quarantine Service (NPQoS) of Korea and Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).
  - I have read the 2010 Korea Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to packhouses. I will undertaking application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to Korea are adequately managed.

- Citrus to Thailand as required under the Conditions for Import of Citrus from Australia to Thailand as agreed between the Department of Agriculture (DOA) – Thailand and the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).
  - I have read the 2010 Thailand Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to packhouses. I will undertaking application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to Thailand, including Fulier’s tree weevil, are adequately managed.

I acknowledge that failure to comply with the aforementioned conditions and restrictions may lead to suspension or cancellation of said registration.

- I agree that the information contained in this form may be released by AQIS to relevant industry bodies so that those bodies can be aware of which horticultural activities are approved. I also understand and agree that relevant industry bodies may display such information on their websites.

I understand that giving false or misleading information is a serious offence (Criminal Code Act 1995, Division 137.1)

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<tr>
<th>PACKHOUSE</th>
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<td>Signature</td>
<td></td>
</tr>
</tbody>
</table>

Date Approved by AQIS (if applicable) Stamp/Seal.

Name of AQIS Officer: Officer Signature:

Version 2010

A copy of this form is to be fixed to the local AQIS office
Attachment 3  Application for treatment facility registration

**APPLICATION FOR TREATMENT FACILITY REGISTRATION FOR THE EXPORT OF AUSTRALIAN CITRUS TO CHINA / JAPAN / KOREA / THAILAND**

**TREATMENT FACILITY NAME**

<table>
<thead>
<tr>
<th>AQIS Reg. Est. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

**PROPERTY ADDRESS**

<table>
<thead>
<tr>
<th>Postcode:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

**CONTACT DETAILS**

<table>
<thead>
<tr>
<th>Name:</th>
<th>Ph: ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E-mail address:**

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Postal/Business address</th>
<th>Postcode:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DECLARATION**

I, ____________________________, hereby apply for registration to treat:

(please tick the appropriate box(s):

- Citrus to China as required under the Conditions for Import of Citrus from Australia to China as agreed between the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) of the People’s Republic of China and Australian Government Department of Agriculture, Water and the Environment (DAFWA).

I have read the 2018 China Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to cold disinfection treatment facilities. I will undertake application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to China are adequately managed.

- Citrus to Japan as required under the Conditions for Import of Citrus from Australia to Japan as agreed between the Japanese Ministry of Agriculture, Forestry and Fisheries (MAFF) and Australian Government Department of Agriculture, Water and the Environment (DAFWA).

I have read the 2018 Japan Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to cold disinfection treatment facilities. I will undertake application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to Japan are adequately managed.

- Citrus to Korea as required under the Conditions for Import of Citrus from Australia to Korea as agreed between the National Plant Protection Organization (NPPO) of Korea and Australian Government Department of Agriculture, Water and the Environment (DAFWA).

I have read the 2018 Korea Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to cold disinfection treatment facilities. I will undertake application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to Korea are adequately managed.

- Citrus to Thailand as required under the Conditions for Import of Citrus from Australia to Thailand as agreed between the Department of Agriculture (DOA) – Thailand and the Australian Government Department of Agriculture, Water and the Environment (DAFWA).

I have read the 2018 Thailand Work Plan and agree to be bound by the conditions and restrictions contained therein as they apply to cold disinfection treatment facilities. I will undertake application of regular and routine hygiene pest control programs, including the keeping of records to ensure that quarantine pests of concern to Thailand are adequately managed.

I acknowledge that failure to comply with the aforementioned conditions and restrictions may lead to suspension or cancellation of said registration.

I agree that the information contained in this form may be released by AQIS to relevant industry bodies so that those bodies can be aware of which horticultural enterprises are eligible to export their products overseas. I also understand and agree that relevant industry bodies may display such information on their websites.

I understand that giving false or misleading information is a serious offense (Criminal Code Act 1900, Division 137.1)

**REPRESENTATIVE NAME**

(Please list)

<table>
<thead>
<tr>
<th>SIGNATURE</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WITNESS**

(Printed name)

<table>
<thead>
<tr>
<th>SIGNATURE</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date Approved by AQIS (if applicable):

Stamps/Seal:

Name of AQIS Officer:

Officer Signature:

*Vegetable 2010*
### On-shore cold disinfection treatment record

<table>
<thead>
<tr>
<th>Date:</th>
<th>Commodity:</th>
<th>Quantity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Facility:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exporter:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packhouse:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot Identification:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date chamber loaded:</td>
<td></td>
<td>Cubic capacity:</td>
</tr>
<tr>
<td>Date chamber reached 1°C ± 0.3°C:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All sensors were calibrated using the ice slurry method on .................................. (date)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Calibration Results:

<table>
<thead>
<tr>
<th>Sensor Identification</th>
<th>First Reading</th>
<th>Second Reading</th>
<th>Correction Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Recalibration Results:

<table>
<thead>
<tr>
<th>Sensor Identification</th>
<th>First Reading</th>
<th>Second Reading</th>
<th>Correction Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date treatment completed: ..................................

Attach temperature record (printout or summary sheet)

AQIS Inspector: ........................................ Signature: ........................................
## CERTIFICATE OF LOADING AND CALIBRATION
FOR COLD TREATMENT IN SELF REFRIGERATED CONTAINERS

**Exporter:** ...........................................................

Phytosanitary Certificate / RFP Number: ........................................

(delete as applicable)

**Container Number:** ........................................................

**Seal Number:** ..............................................................

**Recorder Serial Number:** ..................................................

**Date Calibrated:** ............................................................

### 1. Calibration Results:

<table>
<thead>
<tr>
<th>Sensor Identification</th>
<th>First Reading</th>
<th>Second Reading</th>
<th>Correction Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 2. Sensor Placement

<table>
<thead>
<tr>
<th>Pulp Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

**Treatment Started:**

**Time:** ..............................................................

**Date:** ..............................................................

**AQIS Inspector:** ...........................................  **Signature:** ...........................................

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Document Title: Australian Citrus exports to the People’s Republic of China 2011

<table>
<thead>
<tr>
<th>Date Published</th>
<th>Current Version Number</th>
<th>Document Owner</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Apr 2011</td>
<td>12.0</td>
<td>Horticulture Exports Program</td>
<td>Page 33 of 36</td>
</tr>
</tbody>
</table>
Attachment 6  Phytosanitary certificate example – Intransit cold disinestation

Name and Address of Exporter:
EXAMPLE EXPORTER NAME
EXAMPLE CONSIGNER ADDRESS
EXAMPLE CONSIGNER CITY 0000

No. 5610057

Australian Government
Department of Agriculture, Fisheries and Forestry
PHYTOSANITARY CERTIFICATE
Plant Protection Organisation of the Australian Government

Declared name and address of consignee:
CONSIGNER NAME
CONSIGNER ADDRESS
CONSIGNER CITY
CHINA

Declared means of conveyance: TITANIC/1
Declared point of entry: DALIAN

No. of Permit 1-0CT-2009

Declared means of conveyance: TITANIC/1
Declared point of entry: DALIAN

Number and Description
of packages: 5000
Type: CRATES

Number of packages: 200
Type: CRATES

Number of packages: 500
Type: LPCIS

Total net weight: 3800
Packing Unit: CRATES

Total net weight: 2500
Packing Unit: CRATES

Total net weight: 2470
Packing Unit: LPCIS

Total net weight: 11250
Packing Unit: (Total)

Total net weight: 11370
Packing Unit: (Total)

DATE 10 OCTOBER 2009

This is to certify that the plants, plant products or other regulated article described herein have been inspected and found acceptable in accordance with the requirements specified in the current phytosanitary requirements of the importing contracting party, including those for regulated quarantine pests.

Name of Inspector: RAY BISHAM
Inspection Date: 16TH OCTOBER 2009

No. of Permit: 5610057

This is to certify that the consignment is in compliance with requirements described in the Protocol of Phytosanitary Requirements for the Export of Citrus Fruit from Australia to China signed on June 11, 2009 and is free from the quarantine pests of concern to China.

The consignment is subject to intransit cold disinestation for 16 days at 1 degree Celsius.

SAMPLE ONLY

DATE

DISINFESTATION AND/OR DISINFECTION TREATMENT

10 OCTOBER 2009

10 OCTOBER 2009

Name of Authorised Officer: RAY ELSEN
Signature of Authorised Officer on Office of the Dept

Document Title  Australian Citrus exports to the People’s Republic of China 2011
Date Published  1 Apr 2011
Current Version Number  12.0
Document Owner  Horticulture Exports Program
Page Number  Page 34 of 36
# Phytosanitary certificate example – Onshore cold disinfestation

## Declaration of Consignee

Name: **TITANIC**

Address: **DALIAN**

### Declaration ofMeans of Conveyance

<table>
<thead>
<tr>
<th>Container Type</th>
<th>Number of Packages</th>
<th>Name of Produce/Quantity Declared</th>
<th>Total net contents (in kg)</th>
<th>Commodity Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20' FCL</td>
<td>1540</td>
<td>CARGO</td>
<td>29200</td>
<td>09051013</td>
</tr>
<tr>
<td>20' FCL</td>
<td>2600</td>
<td>CARGO</td>
<td>23700</td>
<td>09051013</td>
</tr>
</tbody>
</table>

## Disinfection and/or Disinfection Treatment

- Cold treatment as described on this form is in accordance with the requirements of the exporting and importing country, and is considered sufficient for the disinfection of the consignment.

## Inspection

- Inspection Date: **16TH OCTOBER 2009**

- **Ray Elson**

- **Ray Elson**
Attachment 8  Chinese characters for export citrus

All pallets used to carry citrus for export to China must be marked with the Chinese characters “For Export to the People’s Republic of China”. If pallets are not used, each individual packing carton must be labeled with the Chinese characters “For Export to the People’s Republic of China. The English text is not required to be included on cartons or pallets. These characters are shown below:

输往中华人民共和国

For Export to the People’s Republic of China

Only the characters listed above will be accepted by AQSIQ. There can be no alterations or variations to this translation unless prior approval by AQSIQ. Industry should submit all labelling requirements to AQIS Central Office prior to commencement of the export season.