



25

Interstate Certification Assurance
**Cover Spraying
Plants**

Version 5.1 – May 2018

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Amendments
All pages

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2.0	1-9-04	Plant Health Assurance Certificate (Attachment 1)
3.0	21-10-04	All pages review and reformatting
4.0	16-08-07	7.5.1 Assurance Certificate Distribution
5.0	11-08-09	8.0 Non-conformance Policy & Reformat
5.1	24-05-18	All pages review and reformatting. Section 1 Requirement

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Contents

1.	PURPOSE.....	4
2.	SCOPE.....	4
3.	REFERENCES	4
4.	DEFINITIONS	4
5.	RESPONSIBILITY	6
6.	REQUIREMENT.....	7
6.1	Chemical Coverspray	7
7.	PROCEDURE.....	8
7.1	Accreditation	8
7.1.1	Application for accreditation	8
7.1.2	Audit Process.....	8
7.1.3	Certificate of Accreditation	9
7.2	Cover Spraying.....	9
7.2.1	Cover Spray Equipment Calibration.....	9
7.2.2	Cover Spray Mixture Preparation Chart	9
7.2.3	Cover Spray Treatment.....	9
7.2.4	Cover Spray Mixture Preparation.....	10
7.2.5	Preparing the Cover Spray Mixture	10
7.2.6	Treatment application	11
7.2.7	Cover Spray Equipment Maintenance	11
7.3	Cover Spray Mixture Preparation and Treatment Records	11
7.3.1	Post Treatment Security and Identification	11
7.4	Dispatch.....	11
7.4.1	Package Identification	12
7.5	Assurance Certificates	12
7.5.1	Assurance Certificate Distribution	13
7.6	ICA System Records	13
7.7	ICA System Documentation	13
8.	NON-CONFORMANCES AND SANCTIONS.....	14
8.1	Non-conformances.....	14
8.2	Incident Reports.....	14
8.3	Suspension and Cancellation	14
9.	CHARGING POLICY	14
10.	ATTACHMENTS.....	14

1. PURPOSE

The purpose of this procedure is to describe-

- (a) the principles of operation, design features and standards required for cover spraying equipment; and
- (b) the responsibilities and actions of personnel;

that apply to cover spraying plants for green snail and palm leaf beetle, under an Interstate Certification Assurance (ICA) arrangement.

2. SCOPE

This procedure covers all certification of cover spraying of living plants or plant parts for green snail and palm leaf beetle by a Business operating under an Interstate Certification Assurance arrangement in Western Australia.

This procedure is applicable where any of the requirements specified in 6. Requirement are a specified movement condition.

Pest: Green snail (*Cantareus apertus*) and Palm leaf beetle (*Brontispa longissimi*)

Product: Nursery Stock

Location: Western Australia

Certification of cover spraying of plants under this Operational Procedure may not be an accepted quarantine entry condition for all intrastate and interstate markets.

Some intrastate and interstate markets may require additional certification for pests and diseases, other than those identified in this procedure, as a condition of entry.

It is the responsibility of the business consigning the produce to ensure compliance with all applicable quarantine requirements.

The treatments described in this Operational Procedure are specifically designed for use on ornamental plants. They should not be used on plants intended for human or animal consumption as withholding periods cannot be observed before dispatch.

3. REFERENCES

WI-QA015

Plant Health Assurance Certificate Completion

4. DEFINITIONS

Accredit	means to accredit persons to issue Plant Health Assurance Certificates under the Biosecurity and Agriculture Management Act 2007.
Application for Accreditation	means an <i>Application for Accreditation of a Business for an Interstate Certification Assurance (ICA) Arrangement</i> .
Assurance Certificate	means a <i>Plant Health Assurance Certificate</i> .

Authorised Signatory	means an officer of an ICA accredited Business whose name and specimen signature is provided as an authorised signatory with the Business's Application for Accreditation.
Approved	means an item or condition specifically confirmed in official documents to be acceptable to the regulatory authorities of the importing state.
Business	means the legal entity responsible for the operation of the facility and ICA arrangement detailed in the business's application for accreditation.
Certification Assurance	means a voluntary arrangement between The Department of Primary Industries and Regional Development Western Australia and a Business that demonstrates effective in-house quality management and provides assurance through documented procedures and records that produce meets specified requirements.
Certified/ Certification	means covered by a valid Plant Health Assurance Certificate.
Cover spraying	means saturating all exposed parts of the plant ie, trunks, stems, leaves, buds, flowers, fronds, or isolated parts (when specified), to the point of run-off with a chemical solution or suspension.
Designated treatment area	specific site allocated for cover spray of plants surrounded by a minimum of 5 metres free of all vegetation.
Facility	means the location where treatment of plants is carried out, and the location of the treatment and packing operations covered by the ICA arrangement.
Fruit	means the product of any plant, and includes the peel, skin, or shell of any such product, and also the seeds of any plant.
Green Snail	means the species <i>Cantareus apertus</i> .
ICA	means Interstate Certification Assurance.
Inspector	means an inspector appointed under the Biosecurity and Agriculture Management Act 2007.
Interstate Certification Assurance	means a system of Certification Assurance developed to meet the requirements of State and Territory governments for the certification of produce for interstate and intrastate quarantine purposes.
Nonconformance	means a nonfulfilment of a specified requirement.

Palm Leaf Beetle	means the species <i>Brontispa longissima</i> .
Plants	means live plants, parts of plants for propagation, cut flowers and foliage, but excludes fruit and processed plant materials.

5. RESPONSIBILITY

These position titles have been used to reflect the responsibilities of staff under the ICA arrangement. These positions may not be present in all Businesses, or different titles may be used for staff who carry out these responsibilities. In some Businesses one person may carry out the responsibilities of more than one position. Staff responsible for these process control activities are called “Nominated Persons”

The **Certification Controller** is responsible for -

- representing the Business during audits and other matters relevant to ICA accreditation;
- training staff in their duties and responsibilities under this Operational Procedure;
- ensuring the Business and its staff comply with their responsibilities and duties under this Operational Procedure;
- ensuring the Business has current accreditation for an ICA arrangement under this Operational Procedure (refer 7.1.3); and
- ensuring that the treatment of plants for certification is carried out in accordance with this Operational Procedure.

The **Treatment Operator** is responsible for -

- maintaining a tank calibration certificate for each sprayer used for treatment of plants under this Operational Procedure (refer Attachment 2)
- applying cover sprays to all lots of plants certified under this Operational Procedure within the interval specified prior to dispatch (refer 7.3.1);
- preparing cover spray mixtures (refer 7.2.5);
- maintaining cover spray equipment (refer 7.2.7); and
- maintaining cover spray mixture preparation and treatment records (refer 7.3).

The **Authorised Dispatcher** is responsible for -

- ensuring all packages covered by an Assurance Certificate issued by the Business under this Operational Procedure are identified (refer 7.4.1); and
- maintaining copies of all Assurance Certificates issued by the Business under the ICA arrangement (refer 7.5.1).

The **Authorised Signatories** are responsible for -

- ensuring, prior to signing and issuing an Assurance Certificate, that produce covered by the certificate has been prepared in accordance with the Business’s ICA arrangement and that the details on the certificate are true and correct in every particular (refer 7.5)

6. REQUIREMENT

6.1 Chemical Coverspray

Plant or plant parts certified for treatment under this Operational Procedure must be treated in accordance with the following treatments-

1. Palm plants for the treatment of Palm Leaf Beetle:

The throat and spear of the plant shall be cover sprayed to the point of run-off with a mixture containing (the spear should be slightly opened to allow chemical penetration) -

Active ingredient	Application Rate		Additive	When
Bifenthrin 80g/L	6ml per 10L Water	+	Wetting agent at label rate	Within 10 days prior to export
Bifenthrin 100g/L	5ml per 10L Water	+	Wetting agent at label rate	

2. Nursery stock for the control of Green Snail:

The plant shall be cover sprayed to the point of run-off with a mixture containing one of the following-

Active ingredient	Application Rate		Additive	When
Methomyl @ 225 g/L	200ml per 100L Water	+	Wetting agent at 25ml per 100L. Refer to product label	Within 2 days prior to export
Thiodicarb @ 375 g/L	100ml per 100L Water	+	Wetting agent at 25ml per 100L. Refer to product label	

Where any of the requirements specified in 6 Requirement are a specified entry condition of an interstate authority.

Note: Cover spraying must be the last treatment before packing or loading for dispatch.

The Department of Primary Industries and Regional Development Western Australia and interstate quarantine authorities maintain the right to inspect at any time certified produce and to refuse to accept a certificate where produce is found not to conform to specified requirements.

Some produce may be damaged by chemical treatments. Businesses applying chemical treatments should check with experienced persons such as departmental officers for any available information. Testing of small quantities is recommended

The Business must use products registered under the APVMA in accordance with the instructions included on the product's approved label or an applicable APVMA permit, and follow any first aid, safety, protection, storage and disposal directions on the product label or permit. Treatment facilities must comply with the requirements of the local government, environmental and workplace health and safety authorities.

7. PROCEDURE

7.1 Accreditation

7.1.1 Application for accreditation

A Business seeking accreditation for an ICA arrangement under this Operational Procedure shall make application for accreditation at least 10 working days prior to the intended date of commencement of certification of produce.

7.1.2 Audit Process

Initial Audit

Prior to accrediting a Business, an Inspector carries out an initial audit of the Business to verify the ICA system is implemented and capable of operating in accordance with the requirements of the Operational Procedure, and the system is effective in ensuring compliance with the specified requirements of the ICA arrangement.

On completion of a successful initial audit, applicants will be granted provisional accreditation and posted a Certificate of Accreditation (refer 7.1.3). Any changes to the scope, equipment, procedures or nominated persons list as documented at the initial audit will constitute a nonconformance unless the Business has written permission from the ICA Officer, Department of Primary Industries and Regional Development Western Australia to make the changes.

Compliance Audits

Compliance audits are conducted to verify that the ICA system continues to operate in accordance with the requirements of the Operational Procedure.

A compliance audit is conducted within four weeks of the initial audit and accreditation of the Business.

On completion of a successful compliance audit, annual accreditation is granted to cover the current season, up to a maximum of twelve months from the date of provisional accreditation, and a new Certificate of Accreditation issued (refer 7.1.3).

Ongoing compliance audits are conducted at least once every six to nine months for a Business that operates for more than six months of each year.

Random audits are conducted on a selected number of accredited Businesses each year. Random audits may take the form of a full compliance audit, or audits of limited scope to sample treatment mixtures, certified produce, ICA system records or ICA system documentation.

Unscheduled compliance audits may be conducted at any time to investigate reported or suspected nonconformances.

Re-Accreditation

Accredited Businesses are required to re-apply for accreditation each year the business seeks to operate under the ICA arrangement. Businesses seeking re-accreditation must lodge a renewal application prior to accreditation lapsing, or if accreditation has lapsed, prior to commencing further certification of produce under the ICA arrangement.

A compliance audit is conducted within twelve weeks of the Business applying for re-accreditation each year.

7.1.3 Certificate of Accreditation

An accredited Business will receive a *Certificate of Accreditation for an Interstate Certification Assurance Arrangement* detailing the facility location, Operational Procedure, scope (type of produce) and period of accreditation.

The Business must maintain a current Certificate of Accreditation and make this available on request by an Inspector.

A Business may not commence or continue certification of produce under the ICA arrangement unless it is in possession of a valid and current Certificate of Accreditation for the procedure and produce type covered by the Assurance Certificate.

7.2 Cover Spraying

7.2.1 Cover Spray Equipment Calibration

Spray Tank Volume and Calibration

Permanent volume indicator marks shall be made on the side of the spray tank, on a sight tube or sight panel on the outside of the tank, or by some other method which clearly and accurately indicates the **maximum mixture level** and any **incremental volumes** used.

Volume indicator marks shall include the volume in litres required to fill the tank to that level.

Each of the volume indicator marks shall be calibrated with the tank at the normal filling position using a calibrated flow meter. The person conducting the calibration test shall issue a certificate of calibration of the spray tank, which must be available to the auditor at the initial audit and all compliance audits.

The person conducting the calibration test must be authorised to do so by the Accrediting Authority.

An example *Chemical Mixture Tank Calibration Certificate* is shown as Attachment 2.

7.2.2 Cover Spray Mixture Preparation Chart

The Business shall maintain a Cover Spray Mixture Preparation Chart (refer Attachments 3 and 4) or similar record in close proximity to the spray mixture preparation area at the time of making up the cover spray mixture.

A chart shall be prepared for each spray unit used by the Business for cover spraying under this Operational Procedure.

The chart shall provide the following details-

- (a) the identification of the spray equipment to which the chart applies;
- (b) if applicable, the gear and engine rpm at which the tractor must be operated;
- (c) trade name of concentrate and the name and concentration of **Active Ingredient** in the concentrate
- (d) the total volume in litres of the spray tank when filled to the **maximum mixture level** mark (refer 7.2.1);
- (e) the weight in grams (g) or millilitres (mL) of a concentrate required to achieve the required mixture when filled to the **maximum mixture level** mark;
- (f) the weight in grams (g) or millilitres (mL) of a concentrate required to achieve the required mixture for any known **incremental volumes** used;
- (g) the printed name and signature of the person responsible for the chart's preparation and the date of preparation.

7.2.3 Cover Spray Treatment

The Treatment Operator shall undertake cover spraying of lots assembled and identified for certification to commence and finish within the interval specified as a requirement for that treatment prior to scheduled dispatch.

The Treatment Operator shall ensure that the cover spray mixture is applied with sufficient volume, and in a manner that provides sufficient penetration and distribution to ensure thorough coverage of the treatment lot (as specified in 6 Requirement).

Cover sprays must be reapplied if rain sufficient to cause run-off occurs within two hours of spraying.

7.2.4 Cover Spray Mixture Preparation

The Treatment Operator shall prepare a fresh mixture for each day that treatment is to be applied.

7.2.5 Preparing the Cover Spray Mixture

Liquid concentrate.

Using a clean graduated measuring vessel, measure the amount of liquid concentrate required to achieve the specified number of millilitres (mL) per litre of mixture of the specified concentrate for the required volume of mixture (refer 6).

Suitable measuring cylinders include graduated plastic or glass measuring cylinders or syringes.

Solid Concentrate

For solid concentrates, the required amount of grams (g) must be weighed on a balance with tare or measured allowance taken into consideration for the weight of container used.

The balance used must be calibrated (with 3 known weights covering at least 50% of the load range of the balance) each day that a mixture is prepared by the Treatment Operator. The balance must be verified as consistently accurate to within $\pm 1\%$ of the total load range (to a maximum error of 10g). Calibration results shall be recorded on the Mixture Preparation And Treatment Record (refer Attachment 5) or records which capture the same information.

Add the required amount of concentrate to the spray tank in accordance with the manufacturer's directions on the label. Solid concentrates must be mixed with water before adding to the tank.

Fill the spray supply tank with clean water to the incremental volume mark or maximum mixture level mark.

Ensure that the chemical is completely diluted in all of the water by mixing the tank for a minimum of two minutes before commencing the spray operation. Some equipment may require extended periods of mixing to fully dilute the chemical in the water.

Spray equipment must have a means of continuous mixing of the spray mixture in the spray tank throughout the spray operation to avoid settling or separation of the concentrate.

This can be achieved by mechanical mixing devices in the spray tank, or agitation from spray mixture returned via a by-pass from the spray pump.

The mixture may contain a fungicide or other chemical provided it is approved for use and known to be compatible with the concentrate used.

The addition of commercial wetting agents may be specified for some treatment requirements and these may also vary in compatibility. The Treatment Operator must have evidence that compatibility of spray mixture ingredients has been verified.

Wetting agent.

All cover spray applications require the addition of a commercial wetting agent. Follow the label instructions for the compatible product recommended, and record amounts in the Cover Spray Mixture Preparation Chart (refer 7.2.2).

7.2.6 Treatment application

Plants must be thoroughly cover sprayed on both sides of the leaves to the point of run-off.

7.2.7 Cover Spray Equipment Maintenance

The Treatment Operator shall carry out regular checks of spraying equipment to ensure it continues to operate effectively and remains free from malfunction, blockages, damage or excessive wear

7.3 Cover Spray Mixture Preparation and Treatment Records

The Treatment Operator must record details of all cover spray mixture preparation and cover spray treatment using a Cover Spray Mixture Preparation and Treatment Record (refer Attachment 5) or records which capture the same information.

The Business's treatment records must identify -

- treatment lot number or name (to match up multiple treatments);
- the date of cover spray mixture preparation;
- the time of cover spray mixture preparation;
- calibration verification of balance (if solid concentrate used);
- amount of concentrate used (mL or g) in the spray mixture;
- the trade name and Active Ingredient of the concentrate used;
- the total volume (litres) of the made up spray mixture;
- name, concentration and amounts of any other pesticides or additives in the spray mixture;
- the date of application;
- the spray equipment used;
- the lot/s (indicating type of plants or plant parts) treated;
- the number of plants sprayed; and
- the identity of the Treatment Operator.

7.3.1 Post Treatment Security and Identification

Security

All treated plants must be held post treatment in the designated treatment area which is physically isolated from untreated plants (refer 4).

Plants treated with Carbaryl for certification under this Operational Procedure must be dispatched within 24 hours. Palm plants requiring two treatments with carbaryl must be kept in the designated treatment area during the interval between treatments.

Plants treated with methiocarb for certification under this Operational Procedure must be dispatched within 48 hours

Identification

Each treatment lot shall be identified with a lot number affixed to all individual plant containers in the lot or a sign placed at entry points to the designated treatment area immediately after treatment is completed

7.4 Dispatch

The Authorised Dispatcher shall ensure that product that has been treated under this Operational Procedure is clearly identified and can be referenced to the Spray Mixture Preparation and Treatment Record.

The treatment must have been completed within the maximum post treatment interval as follows:

- For palm leaf beetle - 10 days
- For green snail - 48 hours

If the maximum post treatment interval has been exceeded before dispatch, the treatment shall be repeated or the lot rejected for certification under this Operational Procedure.

7.4.1 Package Identification

The Authorised Dispatcher shall ensure that, after treating and packing, each package is marked in indelible and legible characters of at least 5mm, with -

- the Interstate Produce (IP) number of the accredited Business that packed the plants;
- the words “**MEETS ICA-25**”;
- the date or date code on which the produce was packed; and
- description of the contents indicating species.

prior to the issuance of an Assurance Certificate by the Business under this Operational Procedure.

Any packages containing plants that have not been treated and meet the requirements of this Operational Procedure shall not be marked as stated above.

If the plants are consigned loose and not in packages, identification of plants shall conform to one of the following, depending on the specified requirements of the importing state or territory –

- the above information is written on the consignment note or the invoice accompanying the plants and signed and dated by an Authorised Signatory of the Business certifying the plants; or
- each plant has a tag or label securely attached to it that includes the above information; or
- the plants are sealed in an enclosed vehicle or container and the seal number is included in the ‘Brand Name or Identifying Marks’ section of the Assurance Certificate accompanying the consignment.

7.5 Assurance Certificates

The Authorised Dispatcher shall ensure an Assurance Certificate is completed and signed by an Authorised Signatory of the Business prior to consignment of produce to a market requiring certification of a cover spray treatment.

Assurance Certificates shall include -

- in the ‘Accredited Business that Prepared the Produce’ section -
 - the name and address of the Accredited Business that **treated** the plants;
- in the ‘IP No. of Acc. Business’ section -
 - the IP No. of the Accredited Business that **treated** the plants;
- in the ‘Type of Produce’ section -
 - the number and description of plants of each plant category in the consignment;

NOTE: Where there is insufficient room to list each plant category, the word “See Attachment” are to be used and an attachment sheet securely attached to each copy of the Assurance Certificate.

The Attachment Sheet must include the words “ATTACHMENT SHEET”, the name and address of the consignor, the Assurance Certificate number, the signature of the Authorised Signatory that signed the certificate and the date.

- in the ‘Treatment’ section –
 - in the Date column, the date of **treatment** of the plants;
 - in the Treatment column, the words “Cover Spray”;

- in the Chemical (Active Ingredient) column, the concentration and name of the active ingredient of the chemical used to treat the plants (eg “225 g/L methomyl”);
 - in the Concentration column, the words “at ## g/L or ## mL/L” where ## is the number of grams or mL of concentrate added per litre of spray mixture;
- (e) in the ‘Additional Certification’ section –
- the additional certification relevant to the treatment facility (eg “accredited for use of soilless potting mix and free from green snail or recognised abbreviations indicating same ie – NPM & GS-01”

Individual Assurance Certificates shall be issued to cover each consignment (ie. a discrete quantity of product transported to a single consignee at one time) to avoid splitting of consignments.

Assurance Certificates shall be completed, issued and distributed in accordance with the Work Instruction Plant Health Assurance Certificate Completion [WI-QA015].

A completed example is shown at Attachment 1.

7.5.1 Assurance Certificate Distribution

The **original** (yellow copy) must accompany the consignment.

The **duplicate** (blue copy) is to be sent to the below address not less than monthly.

- Quality Assurance Officer
Quarantine WA
Locked Bag 69
WELSHPOOL DC, WA 6986

The **triplicate** (white copy) must be retained by the accredited Business.

7.6 ICA System Records

The Business shall maintain the following records –

- (a) Chemical Mixture Tank Calibration Certificate (refer Attachment 2);
- (b) Cover Spray Mixture Preparation Chart (ref 7.2.2);
- (c) Cover Spray Mixture Preparation and Treatment Records (refer 7.3); and
- (d) the duplicate copy of each Plant Health Assurance Certificate issued by the Business (ref 7.5.1)

ICA system records shall be retained for a period of at least 12 months from completion, or until the next compliance audit of the ICA arrangement, whichever is the later.

An accredited Business must hold a minimum of 12 months ICA system records at the time of any compliance audit. If the compliance audit is conducted more than 12 months from the last compliance audit, the business must maintain all records completed since the previous compliance audit.

ICA system records shall be made available on request by an Inspector.

7.7 ICA System Documentation

The Business shall maintain the following documentation -

- (a) a copy of the Business’s current Application for Accreditation;
- (b) a current copy of this Operational Procedure;
- (c) a current *Certificate of Accreditation for an Interstate Certification Assurance Arrangement*.

ICA system documentation shall be made available on request by an Inspector.

8. NON-CONFORMANCES AND SANCTIONS

8.1 Non-conformances

Audits are regularly undertaken to evaluate the effectiveness of implementation of ICA requirements. If, in the opinion of the auditor, there is evidence indicating that there has been a failure to meet one or more accreditation requirements, the auditor may raise a Non-conformance Report (NCR). Actions required to address the non-conformance must be discussed and recorded on the NCR.

If the integrity of the accreditation has been significantly compromised, the non-conformance may provide grounds for the suspension or cancellation of the accreditation.

8.2 Incident Reports

Incident Reports may be raised to report the detection of a non-conformance in produce certified under this ICA arrangement. An investigation into the incident must be conducted and findings reported back to the originator.

If the integrity of the accreditation has been significantly compromised, the incident may provide grounds for the suspension or cancellation of the accreditation.

8.3 Suspension and Cancellation

DPIRD may suspend or cancel an accreditation when an accredited business is found, for example, to have:

- obtained accreditation through the provision of false or misleading information;
- not paid fees owing to the DPIRD;
- contravened an accreditation requirement that compromises the integrity of the arrangement; and/or
- not rectified a non-conformance.

Any action taken by DPIRD to suspend or cancel an accreditation must be provided in writing to the business. This must also provide guidance on the lodgement of a written appeal requesting that the decision be reviewed.

9. CHARGING POLICY

The Business will be charged for all audit and investigation activities on a time basis at current rates prescribed by the DPIRD.

10. ATTACHMENTS

Attachment 1	<i>Plant Health Assurance Certificate (including Attachment Sheet)</i>	(COMPLETED EXAMPLE)
Attachment 2	Chemical Mixture Tank Calibration Certificate	
Attachment 3	Cover Spray Mixture Preparation Chart	BLANK

Attachment 4	Cover Spray Mixture Preparation Chart	(COMPLETED EXAMPLE)
Attachment 5	Cover Spray Mixture Preparation and Treatment Record	(BLANK)

Plant Health Assurance Certificate (EXAMPLE)



Department of
Primary Industries and
Regional Development

ORIGINAL (Yellow) – Consignment Copy
DUPLICATE (Blue) – Quarantine WA Copy
TRIPLICATE (White) – Business (Book) Copy

Certificate Number: XXXXX

Business Specific Information*

Dispatch Date: ___ / ___ / ___ Ref No: _____
Arrival Date: ___ / ___ / ___ PO No: _____

* These items display business specific information entered at the discretion of the consignor. They do not represent any part of the certifying conditions of the produce.

Plant Health Assurance Certificate

Biosecurity and Agriculture Management (Quality Assurance and Accreditation) Regulations 2013

All accreditation details must be completed. Please print clearly and initial any alterations

Consignment Details

Consignor

Name **ABC Pty Ltd**
Address **Block Road**
Perth WA 6000

Consignee

Name **Plant Growers**
Address **Somewhere Road**
Somewhere SA

Re-consigned To

(Splitting consignments or re-consigning whole consignments).

Name _____
Address _____

Certification Details

IP Number	Facility Number	Procedure
w 9999	01	ICA-25

Accredited Business That Prepared The Produce

Name **ABC Pty Ltd**
Address **Block Road**
Perth WA 6000

Grower or Packer

Name **ABC Pty Ltd**
Address **Block Road**
Perth WA 6000

Other Facilities Supplying Produce

Number of Packages	Type of Packages (e.g. trays, cartons)	Type of Produce	Brand Name or identifying marks (As marked on packages)	Date Code (As marked on packages)	Authorisation for Split Consignment
56	Cartons	plants	ABC Plants	19/10/11	Affix Authorisation Stamp to Split / Re-consignee here

Treatment Details

Treatment	Chemical (Active Ingredient)	Treatment Date	Concentration / Duration and Temperature
Cover spray	Methomyl 225g/L	18/10/11	20ml/10L, + water

Additional Certification / Codes

Declaration

I, an authorised Signatory of the accredited business that prepared the plants or plant produce described above, hereby declare that the plants or plant produce have been prepared in the business's approved facilities in accordance with the business's Certification Assurance arrangement and that the details shown above are true and correct in every particular. I acknowledge that it is an offence under the Biosecurity and Agriculture Management (Quality Assurance and Accreditation) Regulations 2013 to issue assurance certificates without being accredited and/ or making false statements in certificates and declarations.

Authorised Signatory's Name (Print Name)	Signature	Date
Joe Bloggs		19/10/11

ATTACHMENT SHEET

Plant Health Assurance Certificate No. 9999

Consignor –

ABC Nursery
Block Rd
Perth WA

C a r t o n N o.	No. and Size of plants	Type of Plants
1	10 X 75mm	Nelly Kelly passionfruit (<i>Passiflora edulus</i>)
1	10 X 75mm	Cape plumbago (<i>Plumbago auriculata</i>)
2	20 X75m m	Sacred bamboo (<i>Nana domestica nana</i>)
L o o se	40 X 250mm	Geraldton wax (<i>Chamelaucium uncinatum</i>)
~	18 X 250mm	Hass avocados (<i>Persea americana</i>)
~	18 X 250mm	Fuyu persimmons (<i>Diospyros kaki</i>)
~	12 X 250mm	Buddleia 'Royal red' (<i>Buddleia davidii</i>)

All the above are sealed in a 20 foot container (7439)
seal number – A 0331999

Authorised Signatory –

J Bloggs

Joe Bloggs

6/1/0

3

Printed name

Signature

Date

CHEMICAL MIXTURE TANK CALIBRATION CERTIFICATE

EQUIPMENT CALIBRATED

Name and Address
of

Type of equipment
(eg boom spray,

Brand: & Model

Serial No.:

Other Identification:

TESTING DETAILS

Name and Address
of the Business

Date of Testing:

Type of Flow Meter
Date of Latest
Calibration

CALIBRATION RESULTS

Maximum Mixture Level Volume (litres)

Incremental Volumes (litres)
(as marked on the spray tank):

CERTIFICATION

The spray mixture tank on the equipment described above has been calibrated in the normal filling position using a calibrated flow meter. Volume indicator marks have been clearly marked on the tank with the volume in litres required to fill the tank to that level.

Printed Name

Signature

____ / ____ / ____
Date

SPRAY MIXTURE PREPARATION CHART

Chemical Concentrate = _____

Full Spray Tank Volume = _____ Litres

Concentrate to Full Tank = _____ g/mL

Part Fill or Top-Up (Concentrate [mL/g]/Mixture [L])

_____ mL/g Concentrate / _____ Litres Mixture

_____ mL /g Concentrate / _____ Litres Mixture

_____ mL /g Concentrate / _____ Litres Mixture

_____ mL /g Concentrate / _____ Litres Mixture

_____ mL /g Concentrate / _____ Litres Mixture

_____ mL /g Concentrate / _____ Litres Mixture

_____ mL /g Concentrate / _____ Litres Mixture

Prepared by: _____ / /
Printed Name Signature Date

SPRAY MIXTURE PREPARATION CHART

Chemical Concentrate = Methomyl

Full Spray Tank Volume = 1000 Litres

Concentrate to Full Tank = 2000 ml/g

Part Fill or Top-Up (Concentrate [ML]/Mixture [L])

10 mL/g Concentrate / 5 Litres Mixture

20 mL/g Concentrate / 10 Litres Mixture

40 mL/g Concentrate / 20 Litres Mixture

100 mL/g Concentrate / 50 Litres Mixture

200 mL/g Concentrate / 100 Litres Mixture

400 mL/g Concentrate / 200 Litres Mixture

100 mL/g Concentrate / 500 Litres Mixture

Prepared by: A. Signatory

Printed Name

A. Signatory

Signature

10/01/01

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COVER SPRAY MIXTURE PREPARATION AND TREATMENT RECORD

COVER SPRAY MIXTURE PREPARATION							COVER SPRAY TREATMENT					
		Volume / Weight of Concentrate (mL or g)	Volume of Mixture (Litres)	Trade Name of Concentrate	Other pesticides or additives	Balance Calibration Error (grams)	Date of Application	Spray Equipment Used	Treatment Lot No	Number of Plants Treated	Sponsor's Name	Signature
