



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR CONTROL OF VARIOUS INSECTS IN NURSERY STOCK [(NON-FOOD) –
SEEDLINGS, PLUGS, POTTED COLOUR, TREES, SHRUBS, FOLIAGE PLANTS, PALMS,
GRASSES, FRUIT TREES (NON-BEARING)], CUT FLOWERS AND FOLIAGE**

PERMIT NUMBER – PER84953

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 21 NOVEMBER 2017 to 30 NOVEMBER 2022

Permit Holder:

FLOWER ASSOCIATION OF QUEENSLAND INC.
c/- AgAware Consulting Pty Ltd
21 Rosella Avenue
STRATHFIELDSAYE VIC 3551

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

AZAMAX INSECTICIDE [APVMA No. 61980]

Plus other REGISTERED PRODUCTS

Containing: 11.82 g/L AZADIRACHTIN as the only active constituent.

LANNATE-L INSECTICIDE [APVMA No. 47336]

Plus other REGISTERED PRODUCTS

Containing: 225 g/L METHOMYL as the only active constituent.

LORSBAN 500 EC INSECTICIDE [APVMA No. 32887]

Plus other REGISTERED PRODUCTS

Containing: 500 g/L CHLORPYRIFOS as the only active constituent.

PIRIMOR WG APHICIDE [APVMA No. 49835]

Plus other REGISTERED PRODUCTS

Containing: 500 g/kg PIRIMICARB as their only active constituent.

PRODIGY INSECTICIDE [APVMA No. 61605]

Plus other REGISTERED PRODUCTS

Containing: 240 g/L METHOXYFENOZIDE as their only active constituent.

Directions for Use:

RESTRAINTS

DO NOT GRAZE TREATED CROPS, OR FEED MATERIAL CUT FROM TREATED CROPS TO LIVESTOCK, INCLUDING POULTRY.

DO NOT USE METHOMYL PRODUCTS WITHIN COVERED OR PROTECTED SITUATIONS (e.g. greenhouses, glasshouses and plastic tunnels).

Nursery stock [(non-food) – seedlings, plugs, potted colour, trees, shrubs, foliage plants, palms, grasses, fruit trees (non-bearing)], cut flowers and foliage		
Active Ingredient and Product	Insect Pest / Plant Disease	Rate (product)
AZADIRACHTIN e.g. <i>Azamax</i> (11.82 g a.i./L)	Green vegetable bug Lepidopteran larvae Psyllids	200 – 300 mL / 100 L
CHLORPYRIFOS e.g. <i>Lorsban 500 EC</i> (500 g a.i./L)	Stem borers Thrips	125 – 200 mL / 100 L
METHOMYL e.g. <i>Lannate-L</i> (225 g a.i./L)	Brown Marmorated Stink Bug*	100 – 200 mL / 100 L
PIRIMICARB e.g. <i>Pirimor WG</i> (500 g a.i./kg)	Aphids	50 g / 100 L
METHOXYFENOZIDE e.g. <i>Prodigy</i> (240 g a.i./L)	Lepidopteran larvae and scale insects	125 – 170 mL / 100 L

*Incursions of the exotic pest Brown Marmorated Stink Bug (*Halyomorpha halys*) have been detected in several locations in 2018 by DAWR. This addition to the permit will enable treatment options should they be required in future.

Critical Use Comments:

General

- Apply at the first signs of infestation, or when pest thresholds are reached.
- Apply in accordance with approved product label directions.
- Ensure spray application provides thorough coverage of all plant foliage. Adjust water spray volume to crop density and growth stage.
- Use suitable and correctly calibrated ground application equipment. For foliar application use air-blast sprayer, air-shear sprayer, back pack mister, hand-lance sprayer, boom spray or equivalent equipment.
- Use the higher rate when longer residual control is required, or during periods of high pest pressure or rapid crop growth, or when crops are well advanced, or when insect infestation is high, or when conditions favour high pest pressure.
- Continue to monitor crops and make a subsequent application as necessary (unless a specific number of applications or other restrictions are listed under these *Critical Use Comments*).
- Adhere to any *Restraints* listed under *Directions for Use* on the product label.
- Refer to the product label for *Re-entry Period*, *Safety Directions* and *First-aid Instructions*.

Pirimicarb - aphids

- Apply product as a targeted drench to soil surface.
- DO NOT use more than twice in quick succession where IPM is used or in consecutive treatments.
- Some green peach aphids are resistant to all commonly used insecticides including *Pirimor*. DO NOT use this product if resistance is known or suspected.

Methoxyfenozide – lepidopteran pests and scale insects

- Apply a maximum of 3 applications per crop per season via dilute or concentrate spraying.
- DO NOT re-treat within 10 days.

Foraging honey bees

- DO NOT use chlorpyrifos or methomyl based products on flowering plants while bees are foraging (refer label). Methomyl is particularly toxic to bees and areas foraged by bees should not be sprayed for 10 days prior to flowering through to petal fall.

Jurisdiction:

ALL STATES

Additional Conditions:

This PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use the products for the purposes specified in this permit must read, or have read to them the DETAILS and CONDITIONS of the permit.

To Avoid Crop Damage:

Nursery stock is not known to be sensitive to the chemical insecticide products listed in this permit when used in strict accordance with the rate, conditions of use and other warnings.

However, the large number of disparate crop lines produced in commercial nurseries means that not all these products have been fully evaluated for crop safety on all species, or in all situations where treatment may be undertaken. Some of these insecticides may demonstrate toxicity under certain situations, application methods, application rates and weather conditions to susceptible nursery stock. Some insecticides may also leave undesirable spray residue on foliage and flowers.

Users **must** treat a sample number of plants or a small area prior to whole crop treatment and monitor any phytotoxic effects that will compromise production goals. This action cannot guarantee crop safety as application, environmental and crop conditions may vary from test treatment to whole of crop treatment. Any instances of phytotoxic damage should be reported immediately to the permit holder.

Resistance Management

Use insecticide products in accordance with existing *Insecticide Resistance Management Strategies* and in accordance with best practice. Insecticide products should be used as part of an integrated pest management program, which incorporates as many control options as possible to minimise insect infestation pressure.

Insecticide Resistance Management Strategies have been developed by CropLife Australia. An updated version of these strategies is available from CropLife Australia's website at: <http://www.croplife.org.au/industry-stewardship/resistance-management> or search on-line for *Resistance Management CropLife Australia*.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 29/1/2018 - Permit amended to add the exotic pest Brown Marmorated Stink Bug to the target pests as there have been several detections of this species by DAWR in 2018. Issued as Version 2.