



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

**PERMIT TO ALLOW EMERGENCY USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF FALL ARMYWORM IN VARIOUS CROPS**

PERMIT NUMBER – PER89293

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 the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 10 APRIL 2020 TO 30 APRIL 2023

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
Level 7, 141 Walker Street
NORTH SYDNEY NSW 2060

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

LANNATE-L INSECTICIDE (APVMA No. 47336)

PLUS OTHER REGISTERED PRODUCTS

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

EUROCHEM SENECA ULTRA 400 SP INSECTICIDE (APVMA No. 83859)

PLUS OTHER REGISTERED PRODUCTS

Containing: 400 g/kg METHOMYL as the only active constituent.

RESTRAINT:

DO NOT apply as a fog or mist.

DO NOT use in protected cropping situations.

DO NOT use on crops that are grown hydroponically.

DO NOT apply if bees are actively foraging. Ensure beehives are removed from the area to be treated and from adjacent paddocks.

DO NOT allow entry into treated areas for at least 24 hours after treatment.

Mangoes: DO NOT apply after early fruit set.

Macadamias: DO NOT spray tree foliage, flowers or developing nutlets.

Turf: DO NOT graze treated turf or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

Directions for Use:

Crop	Pest	Rate	Maximum number of treatments	Retreatment interval (days)
Apples Pears	Fall Armyworm <i>(Spodoptera frugiperda)</i>	<u>225 g/L product:</u> 150-200 mL/100L	N/A	N/A
		<u>400 g/kg product:</u> 84-113 g/100L		
Blueberries		<u>225 g/L product:</u> 100 mL/100L	N/A	N/A
		<u>400 g/kg product:</u> 56 g/100L		
Strawberries		<u>225 g/L product:</u> 1.5 L/ha	N/A	N/A
		<u>400 g/kg product:</u> 0.84 kg/ha		
Citrus Stone fruit Cherries		<u>225 g/L product:</u> 200 mL/100L	N/A	N/A
Non-bearing ornamentals	<u>400 g/kg product:</u> 113 g/100L	3	N/A	
Mango Persimmon		3	10-14	

Grapes		<u>225 g/L product:</u> 150 mL/100L <u>400 g/kg product:</u> 84 g/100L	N/A	N/A
Brassica vegetables Capsicums (sweet peppers) Sweet corn Beans (legume only) Peas (legume only) Potatoes		<u>225 g/L product:</u> 1.5-2 L/ha <u>400 g/kg product:</u> 0.84-1.13 kg/ha	N/A	N/A
Macadamia			1	N/A
Turf		<u>225 g/L product:</u> 2 L/ha	4	N/A
Tomatoes Shallots Spring onion		<u>400 g/kg product:</u> 1.13 kg/ha	N/A	N/A
Fruiting vegetables (including cucurbits) Fruiting vegetables (excluding cucurbits) Legume vegetables (snow and sugar snap peas)		<u>225 g/L product:</u> 1-2 L/ha <u>400 g/kg product:</u> 0.56-1.13 kg/ha	6	7
Sweet potato				3
Radish Swede Turnip			4	7

Lettuce (head and leafy lettuce)			4	3
Root and tuber vegetables Celeriac Silverbeet Myoga Ginger Rakkyo Parsley			3	7
Spinach Fennel Brassica leafy vegetables Bulb onion Fennel bulb Leeks				N/A
Avocado		<u>225 g/L product:</u> 50-100 mL/100L <u>400 g/kg product:</u> 28-56 g/100L	N/A	N/A
Celery		<u>225 g/L product:</u> 1 L/ha <u>400 g/kg product:</u> 0.56 kg/ha	3	N/A

Critical Use Comments:

- Regularly scout crops to monitor for eggs and larvae.
- Target sprays against eggs and newly hatched larvae (prior to third instar stage) before they become entrenched.
- Persimmon
 - Apply foliar cover spray treatment from early flowering to early fruit development only; phenological growth stages BBCH 61 to 72.
 - Apply using an accurately calibrated air-blast sprayer or similar equipment.
 - Apply to the point of run off and ensure thorough coverage of all branches, foliage and developing fruit.
- Macadamia
 - Apply as a ground surface treatment only.
 - Apply using boom spray or equivalent application equipment.
 - Ensure thorough coverage of all leaf litter and soil surface along tree line.
- All other crops
 - Apply as a foliar spray.
 - Apply using boom spray or equivalent application equipment.
 - Use sufficient water to ensure thorough coverage of entire crop
- Refer to the Insecticide Resistance Management (IRM) on the product label to prevent or delay the development of insecticide resistance.

Withholding Periods:

Crop	Harvest WHP	Grazing WHP
Apples Stone fruit Cherries Brassica vegetables Tomatoes Capsicum Beans (except adzuki and soya beans) Peas (except cow, pigeon and field peas)	1 day	Nil
Adzuki beans Soya beans Cow peas Pigeon peas Field peas	7 days	Nil
Sweet Corn	1 day	3 days
Pears Citrus	2 days	Nil
Strawberries	3 days or 10 days*	Nil
Blueberries	5 days	Nil
Grapes Lettuce	7 days	Nil
Fruiting veg (inc. cucurbits) Fruiting veg (exc. cucurbits) Legume veg (snow and sugar snap peas) Sweet potato Parsley Shallots Spring onions Avocados	3 days	-
Root and tuber veg Ginger Rakkyo Bulb onions leeks	7 days	-
Silverbeet Myoga Spinach Fennel Fennel bulb Brassica leafy vegetables	14 days	-
Celeriac Radish Swede Turnip Celery Ornamentals	1 day†	-
Mangoes Macadamias Persimmons Potatoes	Not required when used as directed	-
Turf	N/A	DO NOT graze treated turf or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

***Strawberries – Harvest:** To avoid the possibility of taint in strawberries to be frozen, do not apply later than 10 days before harvest.

†Radish, swede and turnip – Harvest: leaf material must be trimmed prior to supply. **DO NOT** harvest tops of supply bulbs with leaf material attached for human or animal consumption.

Jurisdiction:

All States and Territories.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

To Avoid Crop Damage

The sensitivity of the crop to be treated under this permit has not been fully evaluated. It is advisable to only treat a small area to ascertain the reaction before treating the whole crop.

Export of treated produce

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human and animal consumption. TMRLs have been established for METHOMYL in ALL COMMODITIES LISTED ON THIS PERMIT. MRLs can be found in the *Agricultural and Veterinary Chemicals Code (MRL Standard) Instrument 2019*. MRLs apply only to produce marketed and consumed in Australia. If treated produce is to be exported, residues must not exceed the limits/tolerances of the importing country.

Issued by the Australian Pesticides and Veterinary Medicines Authority