



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR SUPPRESSION OF LEAF MINERS IN VARIOUS CROPS**

PERMIT NUMBER – PER96481

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 08 AUGUST 2025 TO 31 JULY 2028

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:

VERTIMEC MITICIDE/INSECTICIDE (APVMA No. 50772)

PLUS OTHER REGISTERED PRODUCTS

Containing: 18 g/L ABAMECTIN as the only active constituent.

VANTAL UPGRADE MITICIDE/INSECTICIDE (APVMA No. 67524)

PLUS OTHER REGISTERED PRODUCTS

Containing: 36 g/L ABAMECTIN as the only active constituent.

RESTRAINT:

DO NOT use if rainfall is expected before spray has dried as reduced efficacy may result.

DO NOT overhead irrigate within 24 hours of application.

SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a FINE spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones (metres)		
		Natural aquatic areas	Pollinator areas	Vegetation areas
Up to maximum permit rate	0.5 m or lower	120	50	Not required
	1.0 m or lower	180	120	Not required
Up to the lower rate for bulb vegetables (except onions)	0.5 m or lower	60	30	Not required
	1.0 m or lower	130	80	Not required

Directions for Use:

Crop	Pest	Rate
Fruiting vegetables – cucurbits, Fruiting vegetables – other than cucurbits (except sweet corn and mushrooms), Leafy vegetables (except lettuce), Legume vegetables, Root and tuber vegetables, Bulb onions, Cabbage (head), Celery and Rhubarb	Suppression only: Leaf miners (<i>Liriomyza</i> spp.) Including Vegetable Leafminer (<i>Liriomyza sativae</i>) and Serpentine Leafminer (<i>Liriomyza huidobrensis</i>)	<u>18 g/L product:</u> 1.2 L/ha <u>36 g/L product:</u> 600 mL/ha
Bulb Vegetables except Bulb onions (including leeks, spring onions)		<u>18 g/L product:</u> 600mL/ha <u>36 g/L product:</u> 300 mL/ha

Critical Use Comments:

- Apply first spray when leaf miners first appear.
- Apply as a foliar application via ground boom sprayer.
- Use a spray volume sufficient to achieve thorough and uniform coverage of foliage.
- Re-apply at a 7-14 day interval.
- Use a non-ionic wetting agent.
- DO NOT apply more than 2 applications per crop.
- DO NOT apply less than 7 days after the initial treatment.
- Apply the product in accordance with good resistance management practice.

Protection of Wildlife:

Toxic to birds and wild mammals. Harmful to wild mammals that may feed on weeds or other vegetation in the treatment area. To protect wild mammals, DO NOT apply during the development of harvestable vegetable parts in leafy vegetables and legume vegetables (BBCH 40-49), and during the leaf development and side shoot formation stages in fruiting vegetables (BBCH 10-49). The use of this product as directed is not expected to have adverse effects on wild mammals or birds in other crops.

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

Protection of Bees:

Highly toxic to bees. DO NOT apply to crops from the onset of flowering until flowering is complete. DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen if there is potential for managed hives to be affected by the spray or spray drift. Residues may remain at levels toxic to bees for 9 days following application.

Withholding Period:**Leafy Vegetables, Bulb Vegetables except Bulb onion, Root and tuber vegetables:**

Harvest: DO NOT harvest for 14 days after application

Grazing: DO NOT graze or cut for stock food.

Bulb onion:

Harvest: DO NOT harvest for 30 days after application.

Grazing: DO NOT graze or cut for stock food.

Legume Vegetables, Fruiting vegetables – other than cucurbits, Fruiting vegetables – Cucurbits, Celery, Rhubarb and Cabbage:

Harvest: DO NOT harvest for 7 days after application

Grazing: DO NOT graze or cut for stock food.

Jurisdiction:

All States and Territories, except VIC.

Note: Victoria is not included in this permit, as their Control-of-Use legislation means a permit is not required to legalise this off-label use in that State.

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.

The holder of the permit must notify the APVMA of new information, including relevant information in accordance with section 161 of the Schedule to the *Agricultural and Veterinary Chemicals Code Act 1994*, in accordance with the obligation imposed by that section.

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

Maximum Residue Limits (MRLs) or Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. An MRL or TMRL has been established for ABAMECTIN in Fruiting vegetables, cucurbits {except cucumber, squash, summer (zucchini)}, Cucumber, Squash and summer (zucchini), Fruiting vegetables other than cucurbits {except Mushrooms; Sweet corn (corn-on-the-cob)}, Leafy vegetables {except Lettuce, leaf}, Legume vegetables {except Peas (pods and succulent = immature seeds)}, Peas (pods and succulent = immature seeds), Root and tuber vegetables, Bulb vegetables [alliums], Cabbages head, Celery, and Rhubarb. MRLs and TMRLs can be found in the *Agricultural and Veterinary Chemicals Code (MRL Standard) Instrument 2023*. 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

Notes: 08/08/2025 – Permit previously issued as PER81876 (expired 30/04/2024)