



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

**PERMIT TO ALLOW MINOR USE OF REGISTERED AGVET CHEMICAL
PRODUCTS FOR CONTROL OF LEAF MINERS IN VARIOUS VEGETABLE CROPS**

PERMIT NUMBER – PER93849

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 18 DECEMBER 2023 TO 31 OCTOBER 2031

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LIMITED
Level 15, 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:

BENEVIA INSECTICIDE (APVMA No. 66684)

Containing: 100 g/L CYANTRANILIPROLE as the only active constituent.

EXIREL INSECTICIDE (APVMA No. 64103)

Containing: 100 g/L CYANTRANILIPROLE as the only active constituent.

RESTRAINT:

DO NOT apply if heavy dew is present on crops, if rainfall is expected within 2 hours of application, or if heavy rainfall likely to generate run-off is expected within 49 hours of application.

DO NOT treat plants grown for transplanting. Not for use in nurseries, plant propagation houses or greenhouses by commercial transplant producers on plants being grown for transplanting.

Do not use on container or hydroponic grown crops.

SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section of the permit 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 tables 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 inversion 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 MEDIUM spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers:

Application rate	Mandatory downwind buffer zones
	Natural aquatic areas
Up to 750 mL/ha	5 metres

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets not smaller than a MEDIUM spray droplet size category.
- For maximum release heights above the target canopy of 3m or 25% of wingspan or 25% of rotor diameter whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed.

Buffer zones for aircraft:

Wind Speed Range at Time of Application	Mandatory downwind buffer zones	
	Natural Aquatic Areas	
	Fixed-Wing	Helicopter
From 3 to 8 kilometres per hour	160 metres	100 metres
From 8 to 14 kilometres per hour	140 metres	
From 14 to 20 kilometres per hour		

Directions for Use:

Crop	Pest	Rate
Bulb vegetables Fruiting vegetables, cucurbits Fruiting vegetables, other than cucurbits Potatoes	Leaf miners (<i>Liriomyza</i> spp.) Including: Vegetable leaf miner (<i>Liriomyza sativae</i>) Pea leaf miner/Serpentine leaf miner (<i>Liriomyza huidobrensis</i>)	750 mL / ha

Critical Use Comments:

- Apply first spray when *Liriomyza* leaf miners first appear.
- Apply as a foliar treatment by ground boomspray or equivalent, or by aerial equipment as specified on the product label.
- Use a spray volume sufficient to ensure thorough coverage of the crop. Adjust volume to crop growth stage. For aerial applications, use at least 30 L/ha.
- Maximum number of treatments:
 - Fruiting vegetables (all): DO NOT apply more than 2 applications per crop.
 - Bulb vegetables and potatoes: DO NOT apply more than 3 applications per crop.
- DO NOT apply less than 7 days after the initial treatment.
- Refer to the product label for instructions on surfactant/wetting agent compatibility.
- Use in accordance with any relevant CropLife insecticide resistance management strategies. Refer to the product label for specific resistance management instructions.

Withholding Period:

Harvest:

Fruiting vegetables, cucurbits and other than cucurbits - Do not harvest for 1 day after application.

Bulb vegetables and potatoes - Do not harvest for 7 days after application.

Grazing:

Do not graze or cut for stock food.

Protection of Livestock:

Toxic to bees. Will kill foraging bees directly exposed through contact during spraying and while spray droplets are wet. May harm bees in hives which are oversprayed or reached by spray drift. Beekeepers who are known to have hives in, or nearby, the area to be sprayed should be notified no less than 48 hours prior to the time of the planned application so that bees can be removed or otherwise protected prior to spraying.

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.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 16/10/2026 – Permit expiry extended to 31/10/2031. Permit issued as Version 2.