



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF LEAFMINER IN SELECTED VEGETABLES**

PERMIT NUMBER – PER81867

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 2 DECEMBER 2019 TO 30 NOVEMBER 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:

DIPTEx 150 WP INSECT GROWTH REGULATOR (APVMA No. 67871)
PLUS OTHER REGISTERED PRODUCTS
Containing: 150 g/kg CYROMAZINE as the only active constituent.

Restrains:

DO NOT apply by aircraft.
DO NOT apply by vertical sprayer.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of runoff for at least 3 days after 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 buffer zone table 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 are not smaller than a MEDIUM spray droplet size category
- Minimum distances between the application site and downwind sensitive areas are observed (see the table below)

Buffer zones for boom sprayers

Application Rate	Boom height above the target canopy	Mandatory buffer zones
		Natural aquatic areas
Up the maximum rate	0.5 m or lower	15 metres
	1.0 m or lower	50 metres

Directions for Use:

Crop	Pest	Rate
Broccoli Fruiting vegetables – cucurbits Fruiting vegetables – other than cucurbits (excluding mushrooms and corn) Head lettuce Legume vegetables Root and tuber vegetables Stalk and stem vegetables (Field and Protected Cropping)	Liriomyza species, including: Vegetable Leafminer (<i>Liriomyza sativa</i>) Serpentine Leafminer (<i>Liriomyza huidobrensis</i>)	1 kg/ha or 150 g/100 L
Use on the following crops is not supported for food use: Brassicas (excluding Broccoli) Leafy vegetables (excluding Head lettuce) (Field and Protected Cropping) These crops must be destroyed if treated and must not be made available for human consumption		

Critical Use Comments:

- Apply as a foliar application by ground rig boom sprayer.
- Apply in sufficient water to obtain thorough and uniform coverage of foliage. DO NOT exceed 1 kg/ha per application.
- Apply first spray when leaf miners first appear.
- DO NOT apply more than six (6) applications per crop with a minimum 7 day re-treatment interval.
- Brassicas (excluding Broccoli) and Leafy vegetables (excluding Head lettuce) **must be destroyed** and **must not** be made available for human consumption.

Withholding Period:

Harvest: Do not harvest for 7 days after application.

Grazing: Do not graze or cut for stock food.

Integrated Pest Management

Cyromazine is an insect growth regulator. Harmful to beneficial arthropods. In-crop residues are expected to be safe for beneficial arthropods within 28 days after the last application.

Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

Protection of Honey Bees and Other Insect Pollinators

Cyromazine is an insect growth regulator. Harmful to bee brood. 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.

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

Maximum Residue Limits (MRLs) or Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human and/or animal consumption. 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

Note: 20/11/2020 – Permit updated to include serpentine leaf miner extend to all States and amend persons able to use the product under permit. Permit issued as Version 2 valid to November 30, 2023.