



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR CONTROL OF VARIOUS INSECT PESTS IN PARSLEY**

**PERMIT NUMBER – PER80975**

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 11 OCTOBER 2015 TO 31 MAY 2030**

**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:

KARATE ZEON INSECTICIDE (APVMA No. 51422)

PLUS OTHER REGISTERED PRODUCTS

Containing: 250 g/L LAMBDA-CYHALOTHRIN as the only active constituent.

DEMAND 100 CS INSECTICIDE (APVMA No. 87293)

PLUS OTHER REGISTERED PRODUCTS

Containing: 100 g/L LAMBDA-CYHALOTHRIN as the only active constituent.

### RESTRAINTS:

DO NOT apply consecutive sprays of products from any one chemical MoA group.

DO NOT apply if rain is expected within 6 hours.

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](http://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. 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. These conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

### Directions for Use:

Crop	Insect Pests	Rate
PARSLEY (Field and Protected)	Redlegged earth mite ( <i>Halotydeus destructor</i> )	<u>250 g/L LAMBDA-CYHALOTHRIN products:</u> 9 mL product / ha <u>100g/L LAMBDA-CYHALOTHRIN products:</u> 22.5 mL product / ha
	Rutherglen bug ( <i>Nysius vinitor</i> )	<u>250 g/L LAMBDA-CYHALOTHRIN products:</u> 36 mL product / ha
	Grey cluster bug ( <i>Nysius clevelandensis</i> )	<u>100g/L LAMBDA-CYHALOTHRIN products :</u>
	Onion thrips ( <i>Thrips tabaci</i> )  Plague thrips ( <i>Thrips imaginis</i> )	90 mL product / ha

	<p>Looper (<i>Chrysodeixis</i> spp.)</p>	<p><u>250 g/L LAMBDA-CYHALOTHRIN products:</u></p> <p>24 - 36 mL product / ha</p> <p><u>100g/L LAMBDA-CYHALOTHRIN products:</u></p> <p>60 – 90 mL product / ha</p>
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#### **Critical Use Comments:**

- Monitor crops regularly and apply when insect populations reach local threshold levels.
- Apply via ground-based spray only using calibrated air-blast, air-shear, boom or knapsack sprayer or similar application equipment.
- Apply in sufficient water to ensure thorough coverage of foliage and crop (minimum spray volume of 500 L water per hectare).
- Refer to Precautions, Protections and Safety Directions statements on the product.
- Apply a maximum of two (2) applications per crop.

Redlegged Earth Mite: Monitor crop regularly for reinfestation and respray if necessary.

Thrips: 7 to 10 day intervals between applications.

Looper: Apply at first sign of infestation when larvae are small.

Bugs: Apply when adults are obvious on plants.

#### **Withholding Period:**

DO NOT harvest for 7 days after application.

#### **PROTECTION OF LIVESTOCK – BEES**

Toxic to bees. DO NOT spray when bees are actively foraging. Risk is reduced by spraying in the early morning or late evening.

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Dangerous to fish and aquatic invertebrates. DO NOT contaminate streams, rivers or watercourses with product or used container.

#### **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*

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. MRLs can be found in the *Agricultural and Veterinary Chemicals (MRL Standard for Residues of Chemical Products) 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

Note: 10/05/2018 – Permit amended to update holder details. Permit issued as Version 2.

22/07/2020 – Permit expiry extended to 31 July 2025. Permit holder details updated and other non-technical edits made throughout. Permit issued as Version 3.

23/05/2025 – Permit amended to add spray drift restraints, crop safety and protection statements and other registered 100g/L lambda-cyhalothrin products. Permit expiry extended to 31 May 2030. Permit issued as Version 4.