



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

**PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT
FOR CONTROL OF SELECTED INSECT PESTS IN SHALLOTS AND
SPRING ONIONS**

PERMIT NUMBER - PER14471

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 any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 30 MAY 2014 TO 31 MARCH 2024.

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
Level 8, 1 Chifley Square
SYDNEY NSW 2000

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Product to be used:

KARATE ZEON INSECTICIDE (APVMA No. 51422)

PLUS OTHER REGISTERED PRODUCTS

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

Directions for Use:

Crop	Insect Pest	Rate
SHALLOTS (<i>Allium cepa</i> var. <i>aggregatum</i>)	Redlegged Earth Mite (<i>Halotydeus destructor</i>)	9 mL product/ha
SPRING ONIONS (<i>Allium fistulosum</i>)	Loopers (<i>Chrysodeixis</i> species)	12 mL product/ha
	Rutherglen bug (<i>Nysius vinitor</i>) Onion Maggot (<i>Delia platura</i>) Onion Thrips*† (<i>Thrips tabaci</i>) Plague Thrips* (<i>Thrips imaginis</i>)	36 mL product/ha

* Note: DO NOT apply if western flower thrips (*Frankliniella occidentalis*) is present. This chemical is not compatible with Integrated Pest Management (IPM) programs for this thrip pest.

† Note: is not likely to control Onion Thrips in SA and TAS due to widespread resistance.

Critical Use Comments:

- Monitor crops regularly and apply when populations reach local threshold levels.
- Apply a maximum of two (2) applications per crop using boomspray or equivalent equipment.
- RLEM, Rutherglen bug, Loopers: Monitor crop regularly for re-infestation and re-spray if necessary; Thrips: 7 to 10 day intervals between applications; Onion Maggot: 10 to 14 day intervals between applications.
- Apply in sufficient water to ensure complete and thorough coverage of foliage and/or crop.
- DO NOT apply if rain is expected within six (6) hours of application.
- DO NOT contaminate streams, rivers or waterways with product or used containers.
- TOXIC to bees. DO NOT spray while bees are actively foraging. Risk is reduced by spraying in the early morning or late evening.

Withholding Period:

Harvest: DO NOT harvest within 14 DAYS of final treatment application.

Grazing: DO NOT feed lambda-cyhalothrin treated produce to livestock

Jurisdiction:

ALL STATES except VIC.

Note: Victoria is not included in this permit because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use.

Additional Conditions:

This permit provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

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.

Export of produce:

To allow treated produce to be supplied or otherwise made available for human consumption, a temporary (T) Maximum Residue Limit (MRL) has been established at T0.05 mg/kg for Cyhalothrin on Shallots, Spring onions and Welsh onions. This TMRL only applies to produce marketed and consumed in Australia. If treated produce is to be exported, due account should be taken of the residue definition and residue limits/import tolerances of importing countries. Residues must not exceed those requirements of the importing country.

Issued by Australian Pesticides and Veterinary Medicines Authority

Note: 1/05/2018: Permit amended to update holder details. Permit Version 2 issued.

15/01/2019: Permit expiry date extended to 31 March 2024. Permit issued as Version 3.