



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF MITES IN VARIOUS VEGETABLE CROPS**

PERMIT NUMBER – PER82460

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 26 JULY 2017 TO 31 MAY 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:

PARAMITE SELECTIVE MITICIDE (APVMA No. 56791)

PLUS OTHER REGISTERED PRODUCTS

Containing: 110 g/L ETOXAZOLE as the only active constituent.

RESTRAINTS:

DO NOT use in chayote crops intended for root production.

DO NOT apply to other parts of the plant, apart from fruiting bodies, if intended for consumption (i.e. leaves and flowers).

DO NOT apply if rainfall is expected before spray has dried.

Spray drift restraints:

Specific definitions for terms used in this section of the label 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 aircraft.

DO NOT apply by vertical sprayer.

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.
- The following minimum distances between the application site and downwind sensitive areas are observed:

| Mandatory downwind buffer zones (distance given in metres) | |
|---|-----------------|
| Natural aquatic areas | Livestock areas |
| 10 | 0 |

Directions for Use:

| Crop | Pest | Rate |
|--|-------------|-------------|
| <u>Field and Protected Crops</u> CUCURBITS Pumpkin Cucumber Zucchini Squash Chayote (except for root production) | | |

| | | |
|--|---|--|
| ASIAN CUCURBITS Balsam pear Bottle gourd Smooth loofah Angled loofah Snake gourd Wax gourd Pointed gourd Ivy gourd | Two-spotted mite <i>(Tetranychus urticae)</i> Tomato red spider mite <i>(Tetranychus evansi)</i> | 35 mL product / 100 L OR 350 mL product / ha |
| <u>Field Crops Only</u> SNOW PEAS SUGAR SNAP PEAS DO NOT apply to protected pea crops. | | |
| <u>Protected Crops Only</u> CAPSICUMS TOMATOES | Tomato red spider mite <i>(Tetranychus evansi)</i> | |

Critical Use Comments:

- Apply at first signs of mite crawlers¹
- Apply using sufficient water volume to obtain thorough coverage and penetration of plant foliage. Mature crops with dense canopy may require from 500 to 1,000 L water/ha.
- Apply using accurately calibrated ground boom sprayer or similar equipment.
- Concentrate spraying is not recommended.
- DO NOT apply more than one (1) application of etoxazole to any one crop.

Withholding Period:

Harvest

Capsicums, Cucurbits (including Asian cucurbits) and Tomatoes: DO NOT harvest for 7 DAYS after application.

Snow peas and Sugar snap peas: DO NOT harvest for 14 DAYS after application.

Grazing

Snow peas and Sugar snap peas: DO NOT graze or cut for stock food for 14 DAYS after application.

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,

¹ *Paramite* is a mite growth regulator and not effective as an adulticide treatment. Where large numbers of adults are present, it is recommended that a miticide from a different mode of action group be used to control adults immediately and reduce potential damage. Refer *Critical Comments* on product label.

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 some species and varieties of the vegetable crops to be treated under this permit has not been fully evaluated under all growing conditions. It is advisable, therefore, to only treat a small number of plants before treating the whole crop and monitor for any phytotoxic effects. Cease use of etoxazole miticide where any evidence plant damage and/or loss of vigour is observed.

Export of treated produce

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human and animal consumption. A TMRL has been established for ETOXAZOLE in CUCURBITS, IVY GOURD, POINTED GOURD, PODDED PEA and PEA VINES. 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.

Insecticide resistance warning

Some naturally occurring mite biotypes resistant to Paramite and other Group 10B miticides may exist through normal genetic variability in any mite population. The resistant individuals can eventually dominate the insect population if Paramite or other Group 10B insecticides are used repeatedly. Refer to the *Insecticide Resistance Warning* on the product label.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 09/07/2018 – Permit updated to prohibit use in protected pea crops, and to update MRL statement to improve clarity. Permit issued as version 2.

1/5//2023 – Permit updated to include spray drift restraints. Restraints and critical use comments updated in accordance with current formatting standards. Field grown tomatoes and capsicums removed from the permit. Permit expiry extended to 31/05/2028. Permit issued as Version 3.