



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF SELECTED MITE PESTS IN CUCURBITS AND OTHER
FRUITING VEGETABLES, POTATOES, AND SNOW AND SUGAR SNAP PEAS**

PERMIT NUMBER – PER95394

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 23 SEPTEMBER 2024 TO 30 SEPTEMBER 2029

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:

CALIBRE 100 EC MITICIDE (APVMA No. 47209)

PLUS OTHER REGISTERED PRODUCTS

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

RESTRAINT:

DO NOT apply by aircraft

DO NOT apply more than once per season.

DO NOT apply to any crop treated earlier in the same season with clofentezine.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of field 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 relevant buffer zone table/s 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 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 downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones (metres)		
		Natural aquatic areas	Pollinator areas	Vegetation areas
Up to maximum permit rate	0.5 m or lower	0	0	0
	1.0 m or lower	20	0	0
25 mL/100 L or lower	0.5 m or lower	0	0	0
	1.0 m or lower	0	0	0

DO NOT apply by a vertical sprayer unless the following requirements are met:

- spray is not directed above the target canopy
- the outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site

Directions for Use:

Crop	Pest	Rate
<p>Cucurbits (e.g. cucumber, gourds, melons, pumpkin, squash, zucchini)</p> <p>Fruiting vegetables*</p> <p>Other than cucurbits, sweet corn or mushrooms (e.g. capsicum/sweet pepper, chilli, eggplant, tomato)</p> <p>(protected and field situations)</p>	<p>Tomato russet mite (<i>Aculops lycopersici</i>)</p>	<p><u>Where no biological control is being practiced:</u></p> <p>25 mL product / 100 L</p> <p>Plus an approved Adulticide (refer to product label)</p>
	<p>Broad mite (<i>Polyphagotarsonemus latus</i>)</p> <p>Two-spotted mite (<i>Tetranychus urticae</i>)</p>	<p><u>Where biological control is being practiced:</u></p> <p>25 mL product / 100 L</p> <p>Plus a non-ionic Surfactant (refer to product label)</p>
<p>*for tomatoes, use should be for <i>Fresh Market</i> crops only</p>	<p>Tomato red spider mite (<i>Tetranychus evansi</i>)</p>	<p>25 mL product / 100 L</p> <p>Plus an approved Adulticide (refer product label)</p> <p>OR</p> <p>50 – 60 mL product / 100 L</p> <p>Plus a non-ionic Surfactant (refer to product label)</p>
<p>Snow peas Sugar snap peas (protected and field situations)</p>	<p>Two-spotted mite (<i>Tetranychus urticae</i>)</p>	<p>25 mL product / 100 L</p> <p>Plus a non-ionic Surfactant (refer to product label)</p>
<p>Potatoes</p>	<p>Tomato red spider mite (<i>Tetranychus evansi</i>)</p>	<p>135 mL product / 100 L</p> <p>Plus a non-ionic Surfactant (refer to product label)</p>

Critical Use Comments:

- Apply when mites are evident and well before the infestation reaches a level where economic damage is imminent.
- Use a calibrated ground airblast sprayer, boomsprayer or similar equipment to deliver high volumes of water to the point of run-off and matched to the crop being sprayed.
- Thorough coverage of all foliage is essential, including the under-surface of leaves.
- DO NOT apply more than 1 application per crop.
- DO NOT apply to snow or sugar snap peas as a concentrate spray.
- DO NOT apply foliar treatment if rainfall is expected before the spray has dried.

Withholding Period:

Fruiting vegetable cucurbits and Fruiting vegetables, other than cucurbits:

DO NOT harvest for 3 DAYS after application.

Potatoes:

DO NOT harvest for 21 DAYS after application.

Snow peas and Sugar snap peas:

DO NOT harvest for 14 DAYS after application.

DO NOT graze or cut for stock food for 14 days after application.

Protection of wildlife, fish, crustaceans and environment

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

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.

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 have been established for Hexythiazox in the relevant commodities. 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