



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF TWO-SPOTTED MITES AND SPIDER BEAN MITES IN
BLACKBERRIES AND RASPBERRIES**

PERMIT NUMBER – PER89406

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 30 APRIL 2020 TO 30 NOVEMBER 2027

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 apply more than one (1) spray per season.

DO NOT spray if rainfall is expected before spray is dry.

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 advisory 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 inversion conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

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

- spray droplets not smaller than a FINE spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory 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				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to maximum permit rate	0.5 m or lower	Not required	Not required	Not required	Not required	Not required
	1.0 m or lower	Not required	25 metres	Not required	Not required	Not required

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
- for dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for vertical sprayers') are observed.

Buffer zones for vertical sprayers

Type of target canopy	Mandatory downwind buffer zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
All	Not required	5 metres	Not required	Not required	Not required

Directions for Use:

Crop	Pest	Rate
Blackberries Raspberries (field and protected)	Two-spotted mite (<i>Tetranychus urticae</i>) Bean spider mite (<i>Tetranychus ludeni</i>)	35 mL/100 L or 350 mL/ha

Critical Use Comments:

- Apply as a foliar cover spray when mites first appear to prevent defoliation.
- Apply before mite numbers reach economically damaging levels. Target increasing nymph population before a large number of adults are present.
- Ensure thorough coverage and penetration of cane, foliage and developing fruit.
- Apply by calibrated air blast sprayer, boom sprayer or equivalent equipment.
- Adhere to all product label restraints and recommendations.
- Apply in a maximum spray volume of 1000 L/ha.

Note: Etoxazole is a mite growth regulator that causes adults to lay sterile eggs and stops existing eggs and nymphs developing. Etoxazole is 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 (MoA) group be used to control adults.

Withholding Period:

Harvest: DO NOT harvest for 1 day after application

Grazing: DO NOT graze treated area or cut treated area for stock food.

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.

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. TMRLs have been established for ETOXAZOLE in CANE BERRIES. 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.

Other Matters

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.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 31/01/2023 – Permit updated to a minor use permit. Permit expiry extended to 31/01/2026. Permit issued as Version 2.

17/11/2025 – Permit updated to add restraints. Permit expiry extended to 30/11/2027. Permit issued as Version 3.