



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF APHIDS AND SUPPRESSION OF GREENHOUSE
WHITEFLY IN RASPBERRIES AND BLACKBERRIES (CANE BERRIES)**

PERMIT NUMBER – PER90178

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 20 APRIL 2021 TO 28 FEBRUARY 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:

VERSYS INSECTICIDE (APVMA No. 82738)

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

RESTRAINT:

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

DO NOT irrigate to the point of water runoff from the treatment area for at least 3 days after application.

Directions for Use:

Crop	Pest	Rate
Raspberries and blackberries (Cane berries) Field and protected	Aphids Including Green Peach Aphid (<i>Myzus persicae</i>)	100 mL / ha
	Greenhouse Whitefly (<i>Trialeurodes vaporariorum</i>) suppression only	350 – 500 mL / ha + 0.2 % v/v Hasten

Critical Use Comments:

- Apply in sufficient water to provide thorough and uniform coverage of the plant.
- Apply at first sign of insect pest infestation.
- Apply using ground-based air-blast sprayer, boomspray or equivalent.
- Apply a maximum of 2 applications before rotating to an alternative insecticide for aphid control.
- DO NOT apply more than 4 applications per crop for aphids, or 2 application per crop for whitefly. If using for whitefly control, do not apply more than 2 additional applications at the 100 mL/ha rate for aphids.
- DO NOT apply less than 14 days after the initial treatment.
- Follow all safety directions, re-entry requirements, first aid instructions and protection statements listed on the product label.

Withholding Period:

Harvest: Do not harvest for 1 day after application.

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 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 three 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 a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a COARSE spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas are observed (see the following table titled ‘Buffer zones for boom sprayers’).

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory buffer zones for natural aquatic areas
Up to 500 mL/ha	0.5 m or lower	35 metres
	1.0 m or lower	90 metres
Up to 350 mL/ha	0.5 m or lower	30 metres
	1.0 m or lower	70 metres
Up to 50 mL/ha	0.5 m or lower	Not required
	1.0 m or lower	15 metres

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 are observed (see the following table titled ‘Buffer zones for vertical sprayers’).

Buffer zones for vertical sprayers

Type of target canopy and dilute water rate	Mandatory buffer zones for natural aquatic areas
2 metres tall and shorter, maximum dilute water rate of 1000 L/ha	20 metres
Taller than 2 metres (not fully-foliated), maximum dilute water rate of 1000 L/ha	45 metres
Taller than 2 metres (fully-foliated), maximum dilute water rate of 1000 L/ha	35 metres

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

PROTECTION OF HONEY BEES AND OTHER POLLINATORS

DO NOT apply while bees are actively foraging. Risk to bees is reduced by spraying in early morning and late evening when bees are not foraging.

Disposal

Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

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

Maximum Residue Limits (MRLs) have been established to allow treated produce to be used for human consumption. An MRL has been established for AFIDOPYROPEN 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.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 12/02/2024 – Permit updated to include additional critical use comment, add s161 statement. Permit expiry extended to 28/02/2027. Permit issued as Version 2.