



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

**PERMIT TO ALLOW EMERGENCY USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR CONTROL OF FALL ARMYWORM IN CITRUS**

**PERMIT NUMBER – PER89354**

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 10 APRIL 2020 TO 30 APRIL 2023**

**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:

ALTACOR HORT INSECTICIDE (APVMA No. 69957)

PLUS OTHER REGISTERED PRODUCTS

Containing: 350 g/L CHLORANTRANILIPROLE as the only active constituent.

ALTACOR INSECTICIDE (APVMA No. 61824)

PLUS OTHER REGISTERED PRODUCTS

Containing: 350 g/L CHLORANTRANILIPROLE as the only active constituent.

CORAGEN INSECTICIDE (APVMA No. 61519)

PLUS OTHER REGISTERED PRODUCTS

Containing: 200 g/L CHLORANTRANILIPROLE as the only active constituent.

### Restraints:

#### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the permit can be found at [apvma.gov.au/spraydrift](http://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 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 'Mandatory buffer zones' section of the following table titled 'Buffer zones for vertical sprayers').

#### Buffer zones for vertical sprayers

Type of target canopy and dilute water rate	Mandatory downwind buffer zones for natural aquatic areas	
	WG formulations	SC formulation
2 metres tall and shorter, maximum dilute water rate of 1000 L/ha	5 metres	10 metres
Taller than 2 metres (not fully-foliated), maximum dilute water rate of 4000 L/ha	30 metres	35 metres
Taller than 2 metres (fully-foliated), maximum dilute water rate of 4000 L/ha	20 metres	25 metres



**Directions for Use:**

Situation	Pest / Disease	Rate
Citrus fruit	Fall Armyworm ( <i>Spodoptera frugiperda</i> )	<u>350 g/kg product</u> 12 g product per 100 L + 15 g a.i./100L of non-ionic surfactant/wetting agent  <u>200g/kg product</u> 18 mL product per 100 L + 15 g a.i./100L of non-ionic surfactant/wetting agent

**Critical Use Comments:**

- Regularly scout crops to monitor for eggs and larvae. Treat when pests appear, targeting eggs at hatch or small larvae (prior to third instar stage) before the pest becomes entrenched.
- Apply by air-blast sprayer or equivalent.
- DO NOT apply more than 2 applications per crop.
- DO NOT apply less than 7 days after the initial treatment.
- Use enough water to ensure thorough coverage of the crop.
- Use a non-ionic surfactant/wetting agent at 15 g active/100 L, (e.g. Agral 600 @25 ml/100 L).
- DO NOT use BS1000 or Activator as it may cause phytotoxicity.
- Refer to the Insecticide Resistance Management (IRM) on the product label to prevent or delay the development of insecticide resistance.
- Dangerous to aquatic invertebrates.

**Withholding Period:**

Harvest: Do not harvest for 14 days after application.

Grazing: Do not graze or cut for stock food.

**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.

*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 and animal consumption. An MRL has been established for CHLORANTRANILIPROLE in CITRUS FRUITS and CITRUS PULP, DRY. MRLs can be found in the *Agricultural and Veterinary Chemicals Code Instrument No. 4 (MRL Standard)*. 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.