



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

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

PERMIT NUMBER – PER89870

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 21 JULY 2020 TO 31 OCTOBER 2030

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:

ENTRUST ORGANIC QALCOVA ACTIVE INSECTICIDE (APVMA No. 88118)

Containing: 240 g/L SPINOSAD as the only active constituent.

RESTRAINT:

DO NOT apply to tropical and sub-tropical fruit crops if waterbodies, watercourses or wetlands are within 20 metres downwind of the application area.

The use of Entrust® Organic in protected cropping is permissible when used in conjunction with a proven Insect Resistance Management Strategy (IRMS).

DO NOT apply to seedlings of edible crops for transplanting i.e. seedling intended for food production.

DO NOT apply to vegetable or herb seedlings in a production nursery system.

Directions for Use:

Crop	Pest	Rate
Brassica vegetables Brassica leafy vegetables Cucurbits Culinary herbs (as per label) Fruiting vegetables Leafy vegetables (as per label) Legume vegetables (succulent seeds and immature pods only) Root and tuber vegetables Stalk and stem vegetables	Fall Armyworm <i>(Spodoptera frugiperda)</i>	400 mL/ha
Berryfruit Coffee Tropical and sub-tropical fruit crops (inedible peel) excluding avocado, mango and banana Ornamentals		40 mL/100L
Sweet corn		400 mL/ha or dilute 40 mL/100L

Critical Use Comments:

- Regularly scout crops to monitor for eggs and larvae. Target sprays against eggs and newly hatched larvae (prior to third instar stage) before they become entrenched.
- Follow instructions on the product label for the target crop including re-treatment intervals and addition of a wetting agent.
- DO NOT make more than four (4) applications to any crop in any one (1) season, except where otherwise directed in the label critical comments.

- Refer to CropLife Fall Armyworm Insecticide Resistance Management (IRM) and on the product labels to prevent or delay the development of insecticide resistance.

Withholding Period:

Harvest:

Tropical and sub-tropical fruit crops (except kiwifruit), sweet corn - NOT REQUIRED WHEN USED AS DIRECTED.

Berryfruit, stalk and stem vegetables and tomatoes – DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

Brassica vegetables, brassica leafy vegetables, cucurbits, culinary herbs, fruiting vegetables (except tomatoes), leafy vegetables, legume vegetables, root and tuber vegetables - DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.

Coffee, kiwifruit - DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

Grazing:

All crops, orchards and plantations - DO NOT ALLOW LIVESTOCK TO GRAZE CROP STUBBLE, OR IN ORCHARDS OR PLANTATIONS FOR 14 DAYS AFTER APPLICATION.

Stockfood:

When Entrust® Organic is used as directed and the above WHPs are observed, harvested crop commodities or their waste material, including processed waste (eg. cannery waste), can be fed to livestock. Animals fed these treated commodities are considered acceptable to slaughter for export, provided no single crop waste makes up more than 40% of the animals' diet for periods exceeding seven (7) days. If animals are fed exclusively on single crop commodities or waste there could be a risk of animal residues exceeding export requirements. In this situation it is advisable to transfer stock to untreated feed for at least 14 days before sending to slaughter.

Please note that export requirements are subject to change. Consult your exporter for updated information about specific export market requirements for chemical residues before feeding treated crops to livestock.

Protection of Livestock:

Toxic to bees. Avoid direct application or drift of the spray mix onto beehives.

Once the spray deposit has dried, foraging bees will not be affected.

Protection of Wildlife, Fish, Crustaceans and Environment:

Highly toxic to aquatic invertebrates and algae.

DO NOT allow the product or used containers to enter dams, ponds, waterways or drains.

DO NOT allow irrigation water from treated paddocks to enter adjacent pastures, crops or water supplies.

DO NOT apply in strong winds, inversion conditions or any other conditions that may result in drift onto adjacent pastures, crops or water supplies.

Protection of Non-Target Insects:

Beneficial insects contribute to control of pest outbreaks. Applications of Entrust® Organic are unlikely to affect lacewings (*Chrysopa* spp.), predatory bugs (*Geocoris*, *Orius* and *Nabis* spp.), spiders and most species of ladybird beetles (*Coccinella*, *Diomus* and *Harmonia* spp.).

However, some species of beneficial insects are sensitive to Entrust® Organic and its use may temporarily reduce populations of parasitoid wasps (especially *Trichogramma* spp.), ants, some beetles and tachinid flies. This may lead to some disruption of IPM systems based on these species, but generally populations will recover. However, effects on beneficial insects at the highest rate (40 mL/100 L) have not been tested. Therefore, this rate should be used with caution where IPM is practiced.

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.

Export of treated produce

Maximum Residue Limits (MRLs) have been established to allow treated produce to be used for human and/or animal consumption. 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.

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: 03/07/2023 – Permit changed to minor use and some crops removed. Product name updated. S161 statement added. Withholding periods specified in full. Permit expiry extended to 31/07/2025. Permit issued as Version 2.

27/10/2025 – Permit expiry extended to 31/10/2030 and protection statements added. Permit issued as Version 3.