

# PERMIT TO ALLOW EMERGENCY USE OF CHLORANTRANILIPROLE FOR CONTROL OF FALL ARMYWORM IN SUGARCANE



SRA and industry partners have worked with the Australian Pesticides and Veterinary Medicines Authority (APVMA) on an emergency use permit for Chlorantraniliprole to control fall armyworm. This permit allows a person to use the product in the manner specified in this permit in Queensland and New South Wales. The APVMA has also advised that two other actives can also be used against fall armyworm in sugarcane (where the product states use against 'armyworms' but doesn't specify species).

Those two actives are trichlorfon and chlorpyrifos.

There is also an emergency use permit in place for Permethrin to control fall armyworm in sugarcane. See [sugarresearch.com.au/pest/fall-armyworm/](http://sugarresearch.com.au/pest/fall-armyworm/) for more information.

Correct identification of the insect is very important to ensure that the target pest is fall armyworm. Overuse (or use when not required) of this type of product could potentially lead to insecticide resistance and have a detrimental impact on natural enemies or beneficial insects.

If you suspect fall armyworm, report immediately to the Department of Agriculture and Fisheries on 132 523.

## PRODUCTS TO BE USED:

ALTACOR INSECTICIDE (APVMA No. 61824)

PLUS OTHER REGISTERED PRODUCTS

**Containing:** 350 g/kg 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:

Comply with all restraints on the product label. DO NOT apply if heavy dew is present on crops, or if rainfall is expected within 2 hours of application.

## DIRECTIONS FOR USE:

| CROP      | PEST  | RATE  |
|-----------|---|---|
| Sugarcane | Fall armyworm<br>( <i>Spodoptera frugiperda</i> ) | 350 g/kg product:<br>450 g (157 g ai/ha) made in-furrow<br>PLUS<br>80 g (28 g ai/ha) foliar application + non-ionic surfactant @ 125 gai/ 100 L                           |
|           |   | 200 g/L product:<br>785 mL (157 g ai/ha) made in-furrow or banded spray to soil<br>PLUS<br>140 mL (28 g ai/ha) foliar application + non-ionic surfactant @ 125 gai/ 100 L |

## 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.
- Chlorantraniliprole should be applied after careful field monitoring of pest populations of eggs and larvae to determine the need for application, the correct timing of the initial application and of any subsequent applications. Subsequent applications are dependent on economic thresholds, as well as the growth rate of new unprotected plant material. Apply as pest population indicates.
- Apply only one in-furrow or banded spray application per crop per season, to the soil next to the sugar cane row, only up to the 12 leaf crop growth stage.
- Apply only one foliar spray per crop per season, no later than 8 weeks prior to harvest.
- Apply using ground (boomspray) or aerial equipment as a foliar spray or by ground as a banded spray, ensuring thorough spray coverage on the foliage, using appropriate fan nozzles.
- Use a non-ionic surfactant/wetting agent at 125 g active/100 L, (e.g. BS1000 @ 125 mL/100 L).

*Continued overleaf*



- DO NOT add a non-ionic surfactant/wetting agent if:
  - mixing with another product which already contains a surfactant and/or the product label
  - advises not to add a surfactant -mixing with a liquid fertiliser.
- Minimise Spray Drift by applying the largest droplets which are consistent with pest control objectives. Coarser droplet size spectra have larger volume mean diameters (VMD's) and lower drift potential. The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator must consider all these factors when making application decisions.
- DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto near-by non-target plants/crops, cropping lands or pastures.
- DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacture specifications that refer to ASABE S572 Standard or the BCPC guidelines.
- DO NOT apply when wind speed is less than 3 or more than 20 km/hr at the application site.
- Refer to the Protections statements on the product label for conditions on protection of livestock, wildlife, the environment and non-target plants and animals.
- Refer to the Insecticide Resistance Management statement on the product labels to prevent or delay the development of resistance.

**WITHHOLDING PERIODS:**

Harvest: DO NOT harvest for 8 weeks after application.

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

**JURISDICTION:**

NSW and Queensland.

**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.

**TRADE ADVICE:**

EXPORT STATEMENT: Import tolerances for produce treated with chlorantraniliprole may not be established in some countries. Consult with your exporter before applying chlorantraniliprole to export crops.