



**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 VARIOUS CROPS**

**PERMIT NUMBER – PER89398**

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 JUNE 2020 TO 30 JUNE 2022**

**Permit Holder:**

AgBiTech Pty Ltd  
8 Rocla Court  
GLENSVALE QLD 4350

**Persons who can use the product under this permit:**

Persons generally.

## CONDITIONS OF USE

### Products to be used:

MAGNET INSECT ATTRACTANT TECHNOLOGY (APVMA No. 58788)

Containing: 5.68 g/L ALPHA-PINENE, 5.20 g/L ANISYL ALCOHOL, 10.40 g/L BUTYL SALICYLATE, 5.07 g/L CINEOLE (EUCALYPTOL), 1.88 g/L D-LIMONENE and 9.08 g/L PHENYLACETALDEHYDE.

### Directions for Use:

Crop	Pest / Disease	Rate
Cotton	Fall Armyworm <i>(Spodoptera frugiperda)</i>	500 mL of Magnet Mixture (refer to Mixing in General Instructions on the Magnet label) per 100 metres of row applied in narrow (10 to 50 cm) strips with spacing between each band of: 72 metres (General Rate) or 36 metres (High Rate)  <b>INCLUDING:</b> an insecticide selected from the Insecticide List below at the rate as specified (refer to Mixing in General Instructions on Magnet label).
Cereal Grains (includes Maize and Sorghum)		
Sweet corn		
Pastures		
Oilseeds (includes Canola and Sunflower)		

### Insecticide List

Active/ Brand names <sup>1</sup>	Active ingredient concentration	Rate per litre of Magnet mixture (refer to mixing in General Instructions)	Amount required per 20 L pack of Magnet	Crops registered for use (not all registered crops listed)	WHP to harvest (days)	WHP to grazing (days)
<u>METHOMYL</u> Lannate-L Insecticide Electra Insecticide Nudrin Insecticide	225 g/L	20 mL	440 mL	Cotton Maize Sorghum Sweet corn Native & improved pastures Canola Sunflower Wheat, oats & barley	7 21 21 8 - 14 14 21	n/a <sup>2</sup> 21 21 10 10 n/a <sup>2</sup> n/a <sup>2</sup> 21
<u>THIODICARB</u> Larvin 375 Insecticide Showdown 375 Insecticide	375 g/L	20 mL	440 mL	Cotton Maize Sweet corn	28 14 14	28 14 28

Note: wetting agents are not required.

<sup>1</sup> Not all brands of each insecticide may be listed and brands listed are trademarks of the respective owners. Prior to using any of the above insecticides read the insecticide label.

<sup>2</sup> Do not graze or feed treated crops to animals

### Critical Use Comments:

- Prior to using Magnet, refer to the Precautions, Protections Statements and Storage, Disposal, Safety and First Aid directions on the insecticide label
- Ensure amount of each insecticide applied does not exceed maximum rate for that crop.
- Regularly scout crops to monitor for eggs and larvae.
- Use a narrow strip spacing (e.g. 36 metres) on smaller horticultural fields (<10 ha). Use a wider strip spacing when treating large fields (>150 ha).
- Where pest pressure is very high or large spikes in moth and egg numbers are being seen, higher rates (narrow strip spacing) will provide improved control of moths.
- Magnet is best applied just prior to an influx of moths (as determined by district monitoring).

- Where treatment prior to incursion of moths is not possible, Magnet should be applied on first appearance of eggs (as determined by crop scouting) or at a key crop stage (e.g. first flower).
- A single application will kill a high proportion (50 to 80%) of moths in the treated area over the 4 to 6 days that Magnet is effective. Due to the high mobility of moths, reinfestation can occur quickly, so at least 2 applications should be made to achieve extended control.
- Following the first application, subsequent applications should be made at intervals of not less than 5 days. Short spray intervals (<7 days) will be required where continual influx of moths is being experienced or in smaller crop areas (<10 ha) where moths can reinfest the treated area more readily.
- Magnet is designed to lure moths of to the treated rows and stimulate them to feed on the Magnet. The added insecticide kills the moths, thereby reducing the level of egg lay in the crop. It has NO EFFECT ON EGGS OR LARVAE already present in the crop. Magnet (plus insecticide) will provide between 50 and 80% control of moths and this should lead to a comparable reduction in the number of eggs laid. However, factors such as reinfestation of moths from surrounding fields may reduce the performance of Magnet. It is important that normal crop scouting is performed to monitor pest levels in the crop.
- For mixing and spray application, follow General Instructions on the Magnet label.
- Refer to the Protections statements on the Magnet 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 insecticide labels to prevent or delay the development of resistance.

**Re-entry period:**

Avoid entering Magnet (plus insecticide) treated rows until 1 day after application. Entry to other (untreated) rows can be made immediately after treatment. Avoid entering treated rows up to 3 days after application when the Magnet deposits are moist from dew, light rainfall or high humidity. When prior entry is necessary, wear overalls and elbow-length rubber gloves. Clothing must be washed after each day's use. Magnet treated rows are distinguished by the blue dye used in the product. It is also recommended to mark treated rows with a peg to identify them. Re-entry periods that have been recommended for pesticides to be used in combination with this product must be observed following use.

**Withholding Period:**

Insecticide withholding period plus 7 days (refer to Insecticide List table).

**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.

*Export of treated produce*

MRLs can be found in the *Agricultural and Veterinary Chemicals Code (MRL Standard) Instrument 2019*. 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