

Trojan® Insecticide with new pest control registrations - your choice for effective armyworm control in the winter season

- Potent insect control and ultra-low dose
- Broad spectrum control and residual activity
- Excellent tank mix compatibility and user safety

Trojan® is the most potent pyrethroid insecticide available in Australia. Its unique capsule suspension (CS) formulation gives it an improved safety profile and ensures the widest range of compatibility. Trojan® contains 150g/L of gamma-cyhalothrin.

Trojan® has a unique combination of the most potent pyrethroid active ingredient, with leading edge micro-encapsulation technology, meaning the one product can deliver, excellent compatibility and crop safety, ultra low dose rates, extended residual control and reduced risk of paraesthesia.

Technical:

Gamma-cyhalothrin, the active ingredient in Trojan® Insecticide, is a single stereoisomer alpha-cyano pyrethroid that is regarded as the most potent pyrethroid insecticide available in the world. The ultra low dose rate makes it easy and safer to use. 5 Litres of Trojan® can treat up to 625 hectares of crop.

Formulation:

Trojan® is produced using unique microcapsule suspension formulation technology giving consistent high performance, offering excellent rain-fastness, temperature tolerance, increased residual activity, very low dose rates, low volatility and non-flammability improving the ease of handling, use and transportation.

Trojan® is the only Schedule 5 (Caution signal heading) synthetic pyrethroid registered in Australia for use in broadacre cropping. It also has significantly reduced risk of paraesthesia (skin and face burn or irritation). Trojan® offers both fast knockdown and extended control of insect pests. Initial control of established pest populations occurs primarily through direct contact of the insect pests with collapsing microcapsules. Larger capsules remain intact, gradually releasing the gamma-cyhalothrin over time giving longer-lasting control.

Common armyworm (*Leucania convecta* formerly known as *Mythimna convecta*), **Southern armyworm** (*Persectania ewingii*), **Inland armyworm** (*Persectania dyscrita*) and **Northern armyworm** (*Mythimna separata*) caterpillars.



- They are native pests.
- The larvae are identifiable by three parallel white stripes along their body.
- They cause most damage to crops through defoliation in autumn and winter, but can also cause direct seed loss in spring (particularly in barley and oats).
- For winter outbreaks (during tillering), economic thresholds of 8 to 10 larvae per m² provide a guide for spray decisions. For spring outbreaks (during crop ripening) spraying is recommended when the density of larvae exceeds 1 to 3 larvae per m² although this figure must be interpreted in light of timing of harvest, green matter available in the crop, expected return on the crop, and larval development stage (McDonald 1995).



Why use Trojan®? The real question is why not?

Features	Benefits
Less Pyrethroid Face Burn (Paraesthesia)	<ul style="list-style-type: none"> • Only S5 pyrethroid on the market* • Significantly reduced risk of face burn (paraesthesia) • Class leading re-entry i.e. immediately after spray has dried without any PPE requirement
Low Dose Rate	<ul style="list-style-type: none"> • Typically 1/10th of those for alpha-cypermethrin 100 EC or Sumi-Alpha™ Flex which means several 20 L containers can be replaced with just one 5 L pack of Trojan® • 5L treated 500 Ha • Reduced cost of transport and storage
Small Packs	<ul style="list-style-type: none"> • 1 L and 5 L containers are easy to handle • WH&S benefit as the smaller quantities are easier to handle
Short Withholding Periods	<ul style="list-style-type: none"> • Short withholding periods, allows use closer to harvest • Beneficial when treating grain legumes and canola for Native budworm close to harvest
Excellent Crop Safety	<ul style="list-style-type: none"> • Low solvent load in formulation
Broad Spectrum Control	<ul style="list-style-type: none"> • Excellent control of establishment pests • Comprehensive range of pests on the label
Registered on Target Crop	<ul style="list-style-type: none"> • Broad label claims • Registered on key crops and pastures, including Lentils and Vetch
Excellent Tank Mix Compatibility	<ul style="list-style-type: none"> • Excellent tank mix compatibility with herbicides, fungicides, trace elements and UAN
Advanced Microcapsule Formulation	<ul style="list-style-type: none"> • 30-minute rainfastness, the shortest in the market* • Controlled release leading to extended residual control

For further information on the use of Trojan® in pastures and Lucerne, please visit fmccrop.com.au/Trojan

* Based on available data in October 2020.

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