

Trojan[®] Insecticide with new pest control registrations – your choice for effective mite control early in the season

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

Trojan[®] is now registered to control Balaustium and Blue oat mite in wheat, barley and pasture and all native species of armyworm in wheat and barley. Trojan[®] was previously registered for control of Red legged earth mite only at 8 mL/ha with a caveat warning that this rate would give unreliable control of Blue oat mite. Trojan[®] is now registered to control both Balaustium and Blue oat mite at 16 or 24 mL/ha.

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.

Balaustium mite

(*Balaustium medicagoense*)

- Larger than other mites when fully grown at 2 mm in length.
- A rounded red-brown body with eight red-orange legs.
- Newly hatched mites are bright orange with six legs and only 0.2 mm in length.
- Attacks canola, lupins and cereal crops at seedling stage. Some broadleaf weeds are alternative hosts.
- 2 - 3 generations per season.
- Do not require cold temperatures (unlike RLEM) to stimulate egg hatching.



Blue oat mite

(*Penthaleaus major*)

- 1 mm in length when adult with a blue-black body and eight red-orange legs.
- Newly hatched mites are pinkish-orange with six legs and but soon become brownish then greenish and finally blue black.
- The orange-red patch on the back of Blue oat mites is unique and generally quite conspicuous when viewed with a hand lens.
- Attacks pastures, cereals and pulses at the seedling stage.
- Blue oat mites often co-exist with redlegged earth mites and both are typically active from autumn to late spring. Blue oat mites spend the majority of their time on the soil surface, rather than on the foliage of plants. They are most active during the cooler parts of the day, tending to feed in the mornings and in cloudy weather (particularly in spring).
- 2 - 3 generations per season.



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.

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®• 5 litres can treat up to 625 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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