

Surefire Prynova 350 WG



SureFire

Insecticide

Powered by Chlorantraniliprole 350 g/kg



Product Overview

Surefire Prynova 350 WG is a Group 28 broad-spectrum insecticide formulated for effective control of Lepidopteran & Coleoptera such as African Black Beetle and Argentine Stem Weevil pests. Its active ingredient, chlorantraniliprole, belongs to the anthranilic diamide class and acts primarily through ingestion, with some contact activity. It's designed to provide long-lasting protection in crops such as **turf, cotton, almonds, pome and stone fruit and pulses.**

Key Benefits

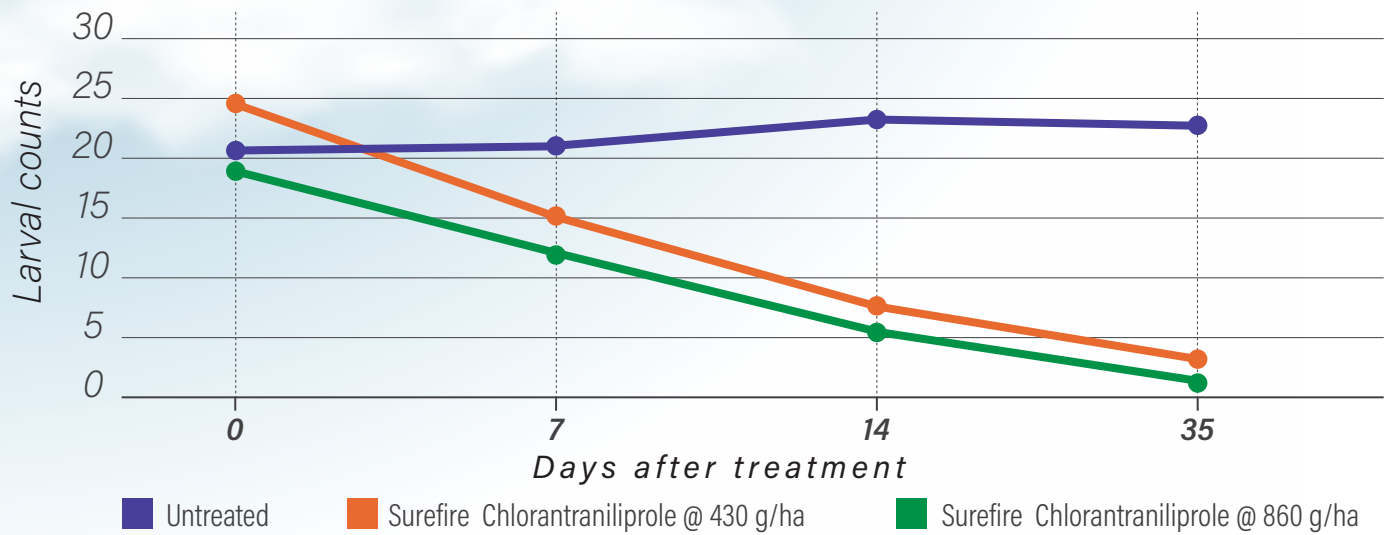
Benefit Category	Description
Broad-Spectrum Control	Powerful control of chewing pests, especially Lepidopteran larvae
Fast & Long-Lasting	Rapid feeding cessation and long residual control
IPM Compatibility	Low toxicity to beneficial insects and pollinators
Sustainable Approach	Ideal for IPM (Integrated Pest Management) programs
Rainfast	Rainfast once dried on foliage

Registered Crops & Target Pests

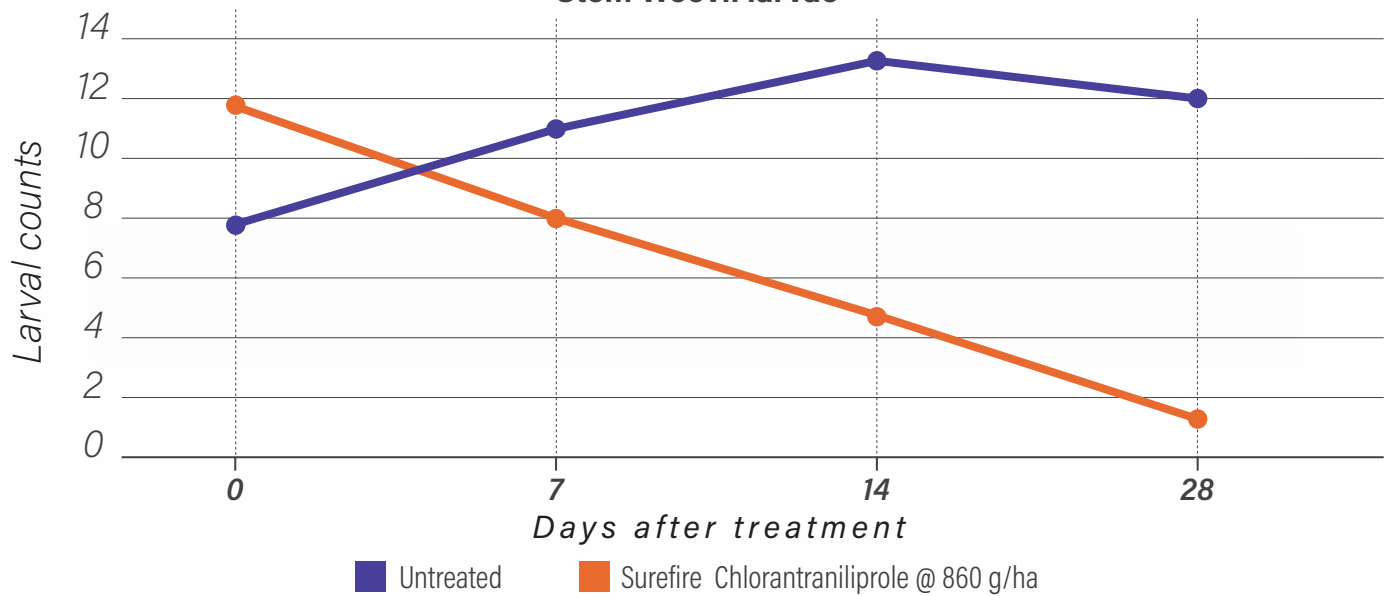
Crop Type	Target Pests
Turf, Golf courses, Lawns etc	Lawn Armyworm, African Black Beetle, Argentine Stem Weevil, Billbug, Scarab larvae, Black cutworm
Cotton	Cotton bollworm, Native budworm, cluster caterpillar
Almonds	Carob moth
Grapes	Lightbrown apple moth
Pome & Stone Fruit	Codling Moth, Budworms, Lightbrown apple moth, Oriental fruit moth
Pulse Crops	Helicoverpa spp., Loopers, Bean podborer

Turf pests, such as cutworms and African Black Beetles, can severely degrade lawns if left untreated. Chlorantraniliprole (Surefire Prynova) was found to be effective in controlling these turf pests and provides an option for the management of turf pests.

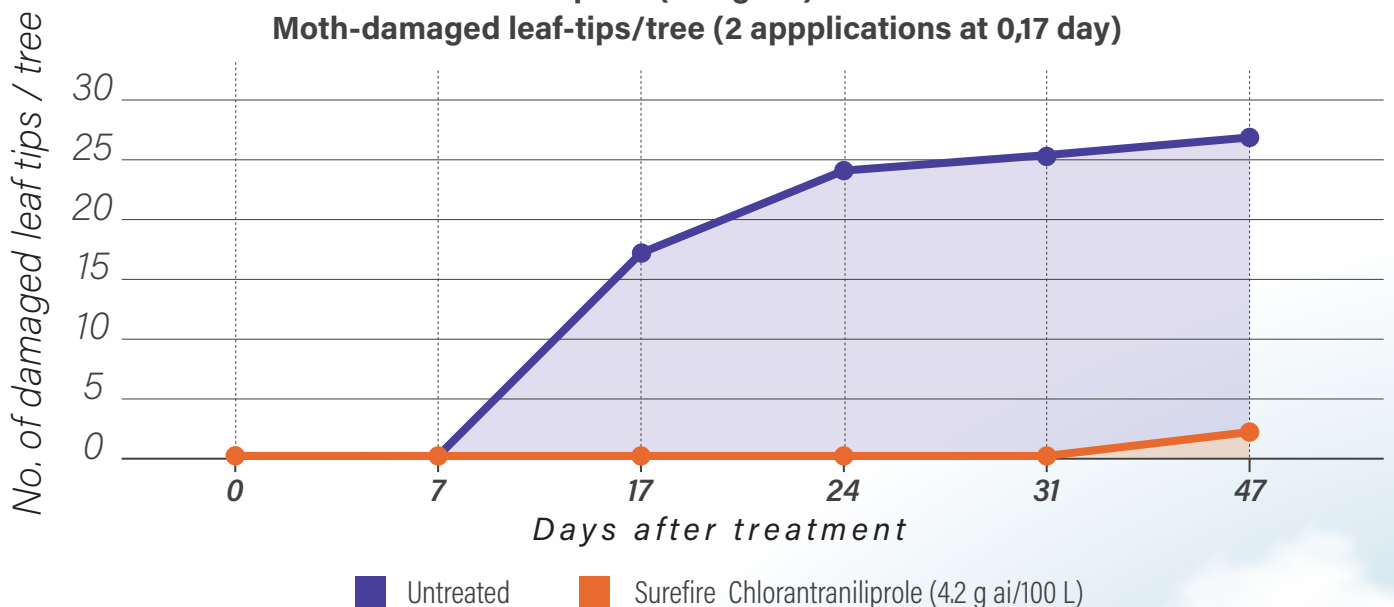
Effect of Chlorantraniliprole (350 g/ha) on Lawn Armyworm larval counts



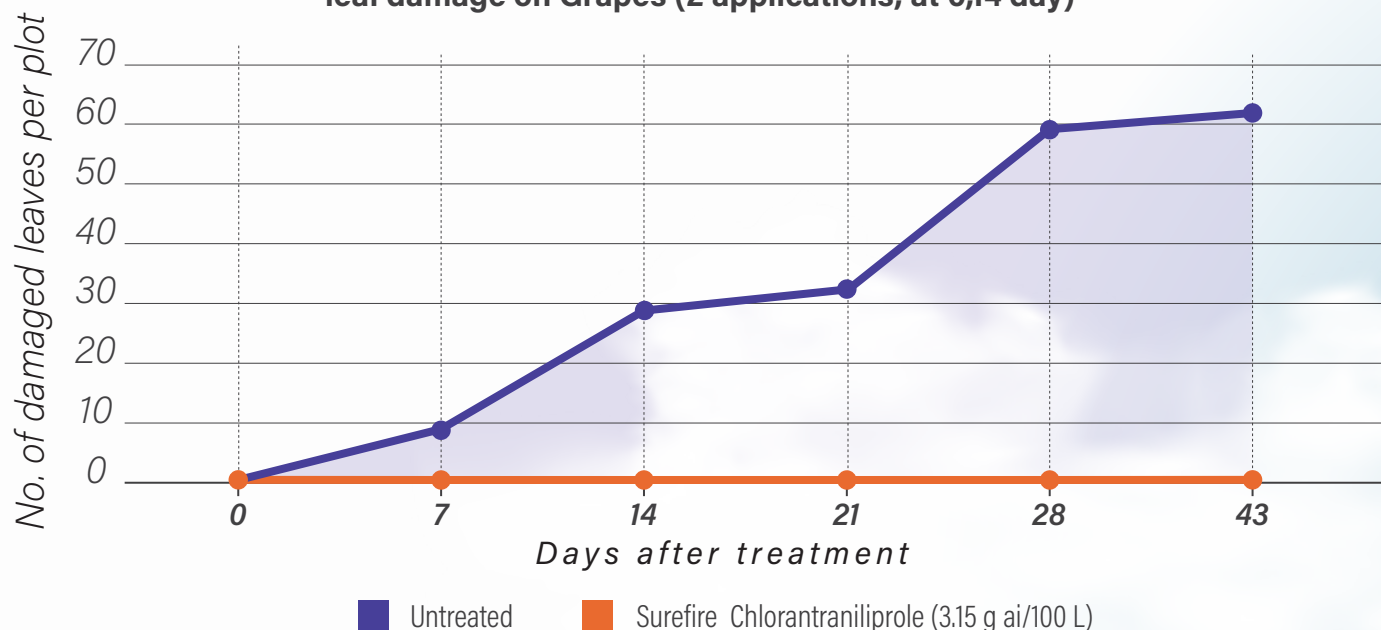
Effect of Chlorantraniliprole (350 g/ha) on Argentine Stem Weevil larvae



Effect of Chlorantraniliprole (350 g/ha) on no. of Oriental Fruit Moth-damaged leaf-tips/tree (2 applications at 0,17 day)



Effect of Chlorantraniliprole (350 g/ha) on Light Brown Apple Moth leaf damage on Grapes (2 applications, at 0,14 day)



Application Recommendations

- **Target early stages** – Apply at egg hatch or early larval stages (1st–2nd instar).
- **Turf** – 4.3 to 8.6g /100m²; equivalent to 430–860 g/ha. Use a minimum of 400 L/ha of water. Irrigate with 6mm of water after spraying.
- **Field Crops** – Apply with a minimum of 100 L/ha of water volume.
- Ensure thorough coverage of target plants.

Resistance Management (Group 28)

Prynova belongs to the **Insecticide Resistance Action Committee (IRAC) Group 28**. To delay resistance: - Limit applications to 2–3 per season - Alternate with products from different MOA groups - Avoid sequential applications on the same pest generation - Adhere to crop-specific IPM strategies

Withholding Periods (WHP)

NB: DO NOT allow livestock or poultry to graze treated crops, or to cut and use for stock feed, except for chickpea, mung beans & soybeans (after WHP 14 days)

- **Turf:** No harvesting withholding period
- **Grapes:** 8 weeks
- **Cotton:** 28 days
- **Chickpeas, Soybean, Mung beans, Almonds, Pome & Stone Fruit:** 14 days

Mixing & Compatibility

- Add Prynova directly to a partially filled spray tank with agitator running.
- Use **mechanical/hydraulic agitation only** (no air agitation).
- Maintain agitation throughout application.
- **DO NOT** allow spray mix to stand overnight.
- Compatible with most common herbicides and fungicides. Jar test recommended for new mixes.

Adjuvant Recommendations

- For improved leaf uptake, use a **non-ionic surfactant** (e.g., Reactor Wetter 600) unless tank mixing with other surfactant-containing products or fertilisers.

Safety Directions

- Avoid contact with eyes and skin.
- Wear protective clothing: cotton overalls buttoned to the neck and wrist.
- Wash hands after use and before meals.

Storage & Disposal

- Store in original container in a dry, well-ventilated area out of direct sunlight.
- Triple rinse containers before disposal.
- DO NOT burn or dispose of chemicals near waterways.

Packaging

Available in:

- 100g
- 500g
- 3Kg



Ideal for both small and large-scale operations.

Environmental Protection

- **DO NOT** contaminate rivers or waterways.
- Dangerous to aquatic invertebrates. Avoid spray drift.

Always refer to the Label for more information, contact your local PCT representative or visit: www.pctrural.com.au