



life scientific

Canola
Sunflower
Soybeans
Dry Beans
Lentils
Flax
Peas

HighGround™

Oilseeds & Pulses Insecticide

HighGround™ delivers targeted chlorantraniliprole control of **diamondback moth, bertha armyworm, grasshoppers, cutworms,** and cabbage looper in oilseed and pulse crops. With proven efficacy against Western Canada's most damaging Lepidopteran pests, HighGround provides an equivalent formulation to Coragen®.

MODE OF ACTION

Chlorantraniliprole (Group 28 – diamide) activates ryanodine receptors in insect muscles, causing uncontrolled calcium release leading to muscle contraction, paralysis, and death. Effective on Lepidopteran larvae by both ingestion and contact. Provides extended residual activity.

KEY BENEFITS

- **Diamondback moth** control in canola and oilseeds at economical 51 mL/ac
- **Bertha armyworm** control with flexible 51-152 mL/ac rate range to match pressure
- **Grasshopper** protection across oilseeds and pulses
- **Western bean cutworm** and **European corn borer** control in pulses and soybeans
- Ground and aerial flexibility with extended residual protection
- Equivalent product profile to industry standard benchmark – confirmed by independent LCMS* spectral analysis (see comparison plot overleaf)

APPLICATION GUIDANCE

Application Methods: Ground sprayer; aerial (fixed/rotary wing)

Water Volume: Min 40 L/ac ground; min 20 L/ac aerial

Mixing Notes: Standard water dilution. Maintain agitation.

Rainfastness: Consult label

Pre-Harvest Interval: 1 day (oilseeds and legume vegetables)

Max Applications: 3 (oilseeds); 4 (legume vegetables)

Min Re-application: 5 days (oilseeds); 3 days (legume veg)

Max Seasonal Rate: 455 mL/a

INSECTICIDE | GROUP 28

ACTIVE INGREDIENTS

Chlorantraniliprole
200 g/L

**RESTRICTED-ENTRY
INTERVAL**
12 hours

PACKAGE SIZE
2 × 6L Jugs



SCOPE OF USE

Crop	Pest	Rate (mL/A)	Timing Guidelines
Canola, Rapeseed, Mustard, Flax, etc.	Diamondback moth	51 mL/ac	At treatment threshold
Oilseeds	Grasshoppers	51-101 mL/ac	At threshold; high rate for heavy pressure
Oilseeds	Bertha armyworm	51-152 mL/ac	At treatment threshold
Oilseeds	Cabbage looper, Imported cabbageworm, Swede midge, Cutworms	101 mL/ac	At treatment threshold
Sunflower	Sunflower head moth, Banded sunflower moth	101-152 mL/ac	At treatment threshold
Legume Veg (beans, peas, soybeans, lentils)	Grasshoppers	51-101 mL/ac	At treatment threshold
Legume Veg	Cabbage looper, Cutworms	101 mL/ac	At treatment threshold
Legume Veg	Armyworms, ECB, Corn earworm, W. bean cutworm	101-152 mL/ac	At threshold; high rate for heavy pressure

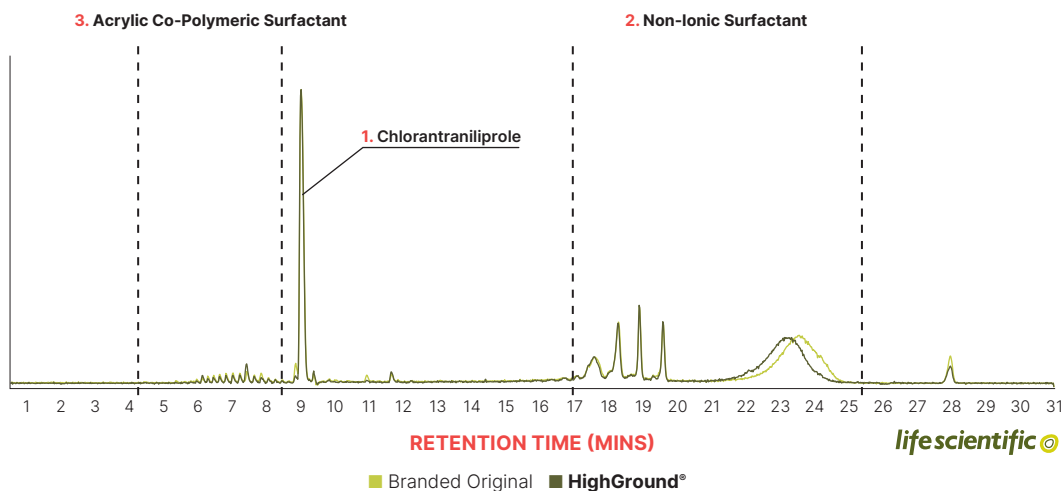
Oilseeds: max 3 apps/season, min 5-day interval. PHI: 1 day. **Legume vegetables:** max 4 apps/season, min 3-day interval. PHI: 1 day.

Max seasonal rate: 455 mL/ac for all crops. **DO NOT** apply foliar HighGround within 60 days of soil/in-furrow Group 28 application.

RESTRICTIONS & STEWARDSHIP

Please review the label for for all restrictions and stewardship measures

LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY ANALYSIS



- 1 Active ingredients –**
Chlorantraniliprole
- 2 Non-Ionic Surfactant–**
This surfactant is used in combination to help as a dispersant as well as a wetting agent. Slight variation is seen due to different manufacturing sites. This ensures our spray covers more leaf area, while sticking to the surface.
- 3 Acrylic Co-Polymeric Surfactant–**
These surfactants are used as a powerful dispersing agent and provides consistent stability in suspension concentrate

*Liquid Chromatography - Mass Spectrometer (LCMS), scan our QR code for more information.

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PCPA REGISTRATION NO. 35705

APPROVAL HOLDER AND MARKETING COMPANY:

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