



The miracles of science™

ONE STEP CLOSER TO A STRONGER CROP.

DuPont™
Exirel™
insecticide
powered by
CYAZYPYR™

DuPont™ Exirel™ insecticide, powered by Cyazypyr™, is an innovative insecticide to help protect your fruit and vegetable crops from a cross-spectrum of chewing and sucking pests.

NEW! Exirel™ is now registered for use on root vegetables.

Designed for powerful foliar protection:

Exirel™ is rapidly absorbed into foliage for fast acting protection from a cross-spectrum of pests including cabbage looper, armyworms, cutworms, earworms, European corn borer, aphids and fleabeetles in root vegetables.

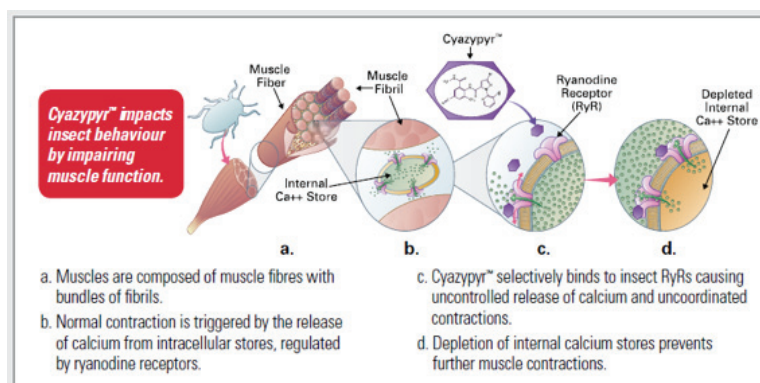
- Locally systemic for rainfastness and residual control
- Translaminar movement for excellent leaf coverage and protection
- Excellent crop safety
- 3 day pre-harvest interval
- Convenient single-active formulation

Highly effective IPM product:

- Conserves beneficial arthropods to help in pest control
- New mode-of-action for sucking insects
- Favourable Eco-tox and E-fate profile

Optimized formulation:

- Suspo-emulsion formulation: 100 g/L (Suspo-emulsion is a formulation containing both solid and liquid active ingredients dispersed in an aqueous phase).



Cyazypyr™, the active ingredient in Exirel™ is the second active ingredient in the anthranilic diamide class and the first product to control a cross-spectrum of chewing and sucking pests.

Cyazypyr™ works quickly to stop pests from feeding on the crop, protecting it from damage and transmission of some disease. Cyazypyr™ activates insect ryanodine receptors (RyRs) which play a critical role in muscle function. Muscle contractions require the release of calcium from intercellular stores into the cell cytoplasm. RyRs are integral in regulating the release of calcium. Cyazypyr™ molecules bind to the RyRs, causing uncontrolled release and depletion of internal calcium, preventing further muscle contraction and pest paralysis.

Crops: Pome fruit, stone fruit, corn and tuberous vegetables, bulb vegetables, leafy vegetables, cucurbit vegetables, brassica vegetables, fruiting vegetables, bush berries, tree nuts, root vegetables (except sugar beet), legume vegetables and low growing berries (except strawberry).

Chemical Group: Group 28, anthranilic diamide.

Packaging: One (1) 3.79 L jug.

Re-entry Period: Twelve (12) hours.

Application Information: Root Vegetables (except sugar beet) Beet, garden, Burdock, Carrot, Celeriac (celeryroot), Chervil, Chicory, Ginseng, Horse radish, Parsley, turnip-footed, Parsnip, Radish, Radish (oriental), Rutabaga, Salsify, Salsify (black), Salsify (spanish), Skirret, Turnip.

Pests Controlled and Application Information			
Crop	Pest	Rate	Application Information
Root vegetables (except sugar beet) Beet (garden), Burdock, Carrot, Celeriac (celery root) Chervil, Chicory, Ginseng, Horse radish Parsley, turnip-footed, Parsnip, Radish, Radish (oriental), Rutabaga, Salsify, Salsify (black), Salsify (spanish), Skirret, Turnip	Cabbage looper	101 mL/ac to 202 mL/ac (250mL/ha to 500mL/ha)	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.
	Armyworm Beet armyworm Fall armyworm	202 mL/ac (500mL/ha)	For optimum control of aphids, apply Hasten NT Spray Adjuvant* at an application rate of 0.25% v/v or MSO Concentrate with Leci- Tech* at an application rate of 0.5% v/v. For control of the European corn borer, time the application to coincide with peak egg hatch.
	Variiegated cutworm	202 mL/ac to 304 mL/ac (500mL/ha to 750mL/ha)	Scout for European corn borer by monitoring egg laying and egg hatch to determine application timing.
	Corn earworm	304 mL/ac (750mL/ha)	
	European corn borer	202 mL/ac to 304 mL/ac (500mL/ha to 750mL/ha)	
	Aphids	202 mL/ac to 607 mL/ac (500mL/ha to 1500mL/ha)	
	Flea beetles	202 mL/ac to 405 mL/ac (500mL/ha to 1000mL/ha)	

Questions?

For more information, please contact your local DuPont rep, call the DuPont™ FarmCare® Support Centre at 1-800-667-3925 or visit Exirel.dupont.ca



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As with all crop protection products, read and follow label instructions carefully. All information effective January 2016.

Member of CropLife Canada.

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