



SUPPLEMENTAL LABELING

**DuPont Crop
Protection**

**DUPONT™ EXIREL®
INSECT CONTROL
WITH THE ACTIVE INGREDIENT
CYAZYPYR®**

DUPONT™ EXIREL® INSECT CONTROL

EPA Reg. No. 352-859

This label expires as of 03/28/2020

FOR FOLIAR APPLICATIONS TO LEGUME (EXCEPT SOYBEANS); ROOT AND TUBEROUS AND CORM VEGETABLES; COMMERCIALY GROWN GREENHOUSE CUCUMBER; COTTON; OIL SEED CROPS; STRAWBERRIES; PEANUTS; AND TOBACCO FOR PEST MANAGEMENT OF SUCKING AND CHEWING INSECTS THAT CAN VECTOR CERTAIN PLANT DISEASES, AIDING IN OPTIMIZATION OF THE CROP'S POTENTIAL.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT

BEFORE USING EXIREL®, READ AND FOLLOW ALL APPLICABLE DIRECTIONS; RESTRICTIONS; AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which does not appear on the package label. Follow the instructions carefully.

This label must be in the possession of the user at the time of pesticide application.

GENERAL INFORMATION

EXIREL® is a suspoemulsion (oil in water emulsion) that can be applied as a foliar spray on labeled crops to control listed insects. EXIREL® is specially formulated for maximum performance by foliar applications in legume (except soybeans), root and tuberous and corm vegetables; commercially grown greenhouse cucumber, cotton, oil seed crops; strawberries; peanuts; and tobacco.

CROP ROTATION

Crops on this label and the following crops or crop groups may be planted immediately following the last application of EXIREL®: Brassica Leafy Vegetables (Crop Group 5); Bulb Vegetables (Crop Group 3- 07); Cotton; Cucurbit Vegetables (Crop Group 9); Fruiting Vegetables (Crop Group 8-10); Leafy Vegetables (except brassicas) (Crop Group 4); Leaves of Root and Tuber Vegetables (Crop Group 2); Legume Vegetables (Crop Groups 6 and 7); Low Growing Berries (Berry and Fruit Crop Subgroup 13-07H); Oilseeds (Crop Group 20); Peanuts; Root and Tuber Vegetables (Crop Subgroups 1B and 1C); Tobacco.

The following crops or crop groups may be planted 30 days following the last application of EXIREL®: Cereal Grains (Crop Group 15); Forage, Fodder and Straw of Cereal Grains (Crop Group 16); Grass Forage, Fodder and Hay (Crop Group 17); Nongrass Animal Feeds (forage, fodder, straw and hay) (Crop Group 18); Sugar beets.

There is no plant back restriction for conversion of a treated field to, or for making a new or replacement planting into established orchards or fields of, Bushberries (Crop Subgroup 13-07B); Citrus (Crop Group 10-10); Pome Fruits (Crop Group 11-10); Stone Fruits (Crop Group 12); Low Growing Berries (Crop Subgroup 13-07G); or Tree Nuts (Crop Group 14-12).

All other crops cannot be planted until 12 months after the last application of EXIREL®.

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Directions for Use for Vegetable and Row Crops

Crop	Application Method	Target Pest	DUPONT™ EXIREL® RATE		PHI (pre-harvest interval) (days)	REI (re-entry interval) (hours)
			Lb. ai per acre	fluid ounces product per acre		
Carrot, radish; Root Vegetables, except Sugar Beet (Crop Group 1B); Beet, garden; burdock, edible; carrot; celeriac; chervil, turnip- rooted; chicory; ginseng; horseradish; parsley, turnip- rooted; parsnip; radish; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret; turnip	Foliar	Cotton aphid* Green peach aphid* Flea beetle	0.088 - 0.133	13.5 - 20.5	1	12
<p>Minimum application interval between treatments is 5 days. *- For best performance, use with an effective adjuvant. See "Use of Adjuvants" section. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly.</p>						
Commercial greenhouse grown cucumbers	Foliar	Cabbage looper Armyworms	0.065 - 0.133	10.0- 20.5	0	12
		Cotton aphid* Green peach aphid* Thrips (foliage feeding only)§* Whiteflies*	0.088 - 0.133	13.5 - 20.5		
<p>Minimum application interval between treatments is 5 days. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly. For use only on cucumber plants being grown to harvest in commercial greenhouse crop production facilities. Do not treat plants grown for transplanting. Not for use in nurseries, plant propagation houses, or greenhouses by commercial transplant producers on plants being grown for transplanting. *- For best performance, use an effective adjuvant. See "Use of Adjuvants" section." "§ - Suppression only. Use as part of an effective control program. Rotate with products with different modes of action. For thrips, begin making applications to thrips when populations are low. If populations are above threshold, use an effective thrips knockdown product before applying EXIREL®. Thorough coverage is essential to achieve best results. Select a spray volume appropriate for the size of plants and density of foliage. Use the higher rate on large plants or dense foliage.</p>						
Leaves of root and tuber vegetables (Crop Group 2) Beet, garden; beet, sugar; burdock, edible; carrot; cassava, bitter and sweet; celeriac; chervil, turnip-rooted; chicory; dasheen (taro); parsnip; radish; radish, oriental (daikon); rutabaga; salsify, black; sweet potato; tanier; turnip; yam, true	Foliar	Beet armyworm Flea beetles Cotton aphid* Green peach aphid* Whiteflies Thrips (foliage feeding only)§*	0.088 - 0.133	13.5 - 20.5	1	12
		Armyworms Loopers Cutworms	0.065-0.133	10 - 20.5		
<p>*- For best performance, use with an effective adjuvant. See "Use of Adjuvants" section. Minimum application interval between treatments is 5 days. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly. § - Suppression only. For thrips, begin making applications to thrips when populations are low. If populations are above threshold, use an effective thrips knockdown product before applying EXIREL®. Thorough coverage is essential to achieve best results. The crop safety of EXIREL® in tank mixture has not been evaluated on this crop or crop group. When using EXIREL® in tank mixtures, it is recommended that a small area be tested to demonstrate safety before using in large areas. See "Tank Mixtures and Crop Safety" section for more information.</p>						

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			Lb. ai per acre	fluid ounces product per acre		
Legume vegetables, succulent or dried (Crop Subgroups 6A, 6B, 6C) Bean (Lupinus) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin); bean (Phaseolus) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean); bean (Vigna) (includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean); broad bean (fava); chickpea (garbanzo); guar; jackbean; lablab bean; lentil; pea (Pisum) (includes dwarf pea, edible- podded pea, English pea, field pea, garden pea, green pea, snowpea, sugar snap pea); pigeon pea; sword bean	Foliar	Corn earworm European corn borer Leafminers	0.065 - 0.133	10 - 20.5	1 (succulent) 7 (dried)	12
		Potato leafhopper§* Thrips (foliage feeding only)§* Whiteflies*	0.088 - 0.133	13.5 - 20.5		
<p>§ - Suppression only. *- For best performance, use with an effective adjuvant. See "Use of Adjuvants" section. Minimum application interval between treatments is 5 days. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly. Applications of EXIREL® to certain species of legume vegetables in this crop group may result in adverse crop response. Affected plants outgrow the effects in most cases. If the risk of adverse crop response to EXIREL® cannot be accepted, do not apply it to legume vegetables. The crop safety of EXIREL® in tank mixture has not been evaluated on this crop group. When using EXIREL® alone or in tank mixtures in legume vegetables, it is recommended that a small area be tested to demonstrate safety before using in large areas. See "Tank Mixtures and Crop Safety" section for more information.</p>						

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			Lb. ai per acre	fluid ounces product per acre		
Tuberous and Corm Vegetables (Crop Subgroup 1C) including Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, edible; Cassava, bitter and sweet; Chayote (root); Chufa; Dasheen (taro); Ginger; Leren; Potato; Sweet potato; Tanier; Turmeric; Yam bean; Yam, true	Foliar	Colorado potato beetle†	0.033 - 0.088	5 - 13.5	7	12
		Beet armyworm European corn borer Potato tuberworm*†† Yellowstriped armyworm	0.045 - 0.088	7 - 13.5		
		Cabbage looper	0.065 - 0.11	10 - 17		
		Potato flea beetle* § Green peach aphid* Potato aphid* § Potato psyllid	0.088 - 0.133	13.5 - 20.5		
<p>Minimum application interval between treatments is 5 days. Do not apply a total of more than 0.4 lb ai/A of DuPont™ CYAZYPYR® or cyantraniliprole containing products per calendar year; this is the total of seed piece treatment (potato), soil treatment, and foliar treatment. * - For best performance use with an effective adjuvant. See "Use of Adjuvants" section. § - Suppression only. Use as part of an effective control program. Rotate with products with different modes of action. † - Colorado potato beetle resistance management -Do not apply EXIREL® more than twice to a generation of Colorado potato beetle or within any 30 day period. Application(s) to the next generation of Colorado potato beetle must be with an effective product with a different mode of action. Do not apply EXIREL® for Colorado potato beetle control if any cyantraniliprole containing product was used at-plant either as a soil applied or seed treatment. †† - Potato Tuberworm: EXIREL® may be applied at rates of 7 to 13.5 fl oz/A to control potato tuberworm. Begin application when field scouting indicates the presence of tuberworm adults and/or larvae. Potato tuberworm often have overlapping generations so repeat applications of EXIREL® may be needed based on scouting. Avoid treating successive generations with the same mode of action. It is important to protect the crop just prior to harvest when foliage starts to senesce. Use the higher rate of EXIREL® when tuberworm pressure is high. Failure to adequately control potato tuberworm larvae prior to crop senescence or vine kill increases the risk of tuber damage. Foliar sprays alone, by air or ground, may not provide adequate control of larvae in the mid to lower crop canopy. For best results, apply via overhead chemigation or integrate chemigation applications into the foliar spray program. For best results with foliar sprays, add Methylated seed oil (MSO) adjuvant at 1 gallon per 100 gallons of spray volume (1% v/v). For chemigation applications, apply in 0.1 to 0.2 acre inches of water and add MSO at 12 to 16 fl oz/acre. See "Chemigation - Overhead Sprinkler - Potatoes and Bulb Vegetables" section for instructions on overhead sprinkler chemigation. Suppression of Zebra Chip Disease: Use of EXIREL® to control potato psyllid which may vector zebra chip disease at a rate of 13.5 to 20.5 fl. oz./A applied starting when psyllid populations are low will help suppress the expression of the zebra chip disease.</p>						
Cotton	Foliar	Beet armyworm Cotton bollworm† Fall armyworm Saltmarsh caterpillar Southern armyworm Tobacco budworm† Western yellowstriped armyworm	0.045 - 0.11	7 - 17	7	12
		Cabbage looper Soybean looper	0.065 - 0.11	10 - 17		
		Whitefly* Thrips (foliage feeding only)§	0.088 - 0.133	13.5 - 20.5		
		<p>Minimum application interval between treatments is 7 days. Do not apply a total of more than 0.4 lb ai/A of DuPont™ CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly. * - For best performance, use with an effective adjuvant. See "Use of Adjuvants" section. For high populations of whiteflies, use the highest listed rate. § - Suppression only. Use as part of an effective thrips control program. Rotate with products with different modes of action. Begin making applications to thrips when populations are low. If populations are above threshold, use an effective thrips knockdown product before applying EXIREL®. † - For Heliothine control (cotton bollworm and/or cotton budworm) make the first application at rates of 0.065 - 0.11 lb ai per acre (10-17 fl oz product/A). Subsequent applications can be at rates of 0.045 - 0.088 lb ai per acre (7 -13.5 fl oz product/A) depending on pressure. Applications of EXIREL® to seedling cotton may result in crop response. Affected plants outgrow the effects in most cases. If the risk of crop response to EXIREL® cannot be accepted, do not apply it to seedling cotton.</p>				

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			Lb. ai per acre	fluid ounces product per acre		
Oil Seed Crops (Crop Group 20) including Borage; Calendula; Castor oil; Chinese tallowtree; Crambe; Cuphea; Echium; Euphorbia; Evening primrose; Flax seed; Gold of pleasure; Hare's ear mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard seed; Niger seed; Oil radish; Poppy seed; Rapeseed (including canola varieties); Rose hip; Safflower; Sesame; Stokes aster; Sunflower; Sweet rocket; Tallowwood; Tea oil plant; Vernonia	Foliar*	Bertha armyworm Diamondback moth Sunflower head moth	0.045 - 0.088	7 - 13.5	7	12
		Crucifer flea beetle	0.045 - 0.11	7 - 17		
		Cabbage looper Sunflower seed weevil§	0.065 - 0.133	10 - 20.5		
		Minimum application interval between treatments is 7 days. Do not apply a total of more than 0.4 lb ai/A of DuPont™ CYAZYPYR® or cyantraniliprole containing products per calendar year. This is the total from all application methods (seed treatment and foliar application). * - For best performance, use with an effective adjuvant. See "Use of Adjuvants" section. § - Suppression only. Use as part of an effective control program. Rotate with products with different modes of action.				
Peanuts	Foliar	Corn earworm Fall armyworm Tobacco budworm	0.065 - 0.133	10 - 20.5	14	12
		Cutworms Soybean looper Lesser cornstalk borer Thrips (foliage feeding only)§**	0.088 - 0.133	13.5 - 20.5		
		§ - Suppression only. ** - Use in conjunction with an effective thrips and tomato spotted wilt virus management program. Minimum application interval between treatments is 7 days. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly. Tomato Spotted Wilt Virus Suppression: Use of EXIREL® to manage thrips which may vector the tomato spotted wilt virus at a rate of 13.5-20.5 fl oz/A applied early season (at cracking) will help suppress and slow the expression of tomato spotted wilt virus in peanuts when used as part of a TSWV management program.				
Tobacco	Foliar	Tobacco budworm	0.065 - 0.133	10 - 20.5	7	12
		Tomato hornworm Tobacco hornworm Flea beetle	0.088 - 0.133	13.5 - 20.5		
		Minimum application interval between treatments is 5 days. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly.				

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			Lb. ai per acre	fluid ounces product per acre		
Strawberry	Foliar	Spotted wing drosophila Thrips (foliage feeding only)§ * **	0.088 - 0.133	13.5 - 20.5	1	12
<p>Minimum application interval between treatments is 7 days. Do not apply a total of more than 0.4 lb ai/A of CYAZYPYR® or cyantraniliprole containing products per calendar year whether applications are made to the soil or foliarly. § - Suppression only. * For best performance, use with an effective adjuvant. See "Use of Adjuvants" section. ** - Use in conjunction with an effective thrips management program. Not all varieties of strawberries have been tested for crop safety with EXIREL® alone or in tank mixture, see "Tank Mixtures and Crop Safety" section for more information.</p>						

(Derived from EPA approved label dated March 28, 2017 (SL-1868 040417 03-28-17))

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