

DuPont™ Coragen®

insect control

powered by
RYNAXYPYR®



Count on DuPont to help optimize yield and quality through reliable and consistent control

Alfalfa

California and Arizona

DuPont™ Coragen® insect control is a breakthrough mode of action insecticide that delivers remarkable protection. Optimize yield and quality by achieving reliable and consistent control of key insect pests in alfalfa.

Key Benefits of Coragen®:

- Alternative mode of action versus current standards helps break the insect-resistance cycle
- Exceptional control of major labeled worms
- Works through ingestion or contact with ovicidal¹, ovi-larvicidal and larvicidal activity (adult response² with some target pests)
- Fast-acting crop protection — insects stop feeding in minutes, improving crop quality and reducing routes for disease entry
- Long-lasting protection*
- Reduces pest populations and helps keep them down
- Shortest re-entry — 4 hours
- Zero day PHI
- Application flexibility — apply by foliar spray (ground and air), whichever fits your production system
- Minimal impact on beneficial insects when applied at labeled rates — excellent fit with IPM programs
- Does not flare aphids, mites or secondary pests
- Rainfast once the spray has dried

* Length of residual protection may vary based on application rate and timing to alfalfa. Depending on application timing, untreated plant material may not be fully protected as a result of plant growth.

¹ Significant ovicidal activity is observed at varying levels depending on pest species.

² Disruption of adult insect behaviors in some pest species (e.g., tomato fruitworm): mate finding, mating, oviposition, feeding

DuPont™ Coragen® insect control

Active ingredient name: *DuPont™ Rynaxypyr®*

Chemical class: IRAC Group 28, *anthranilic diamide*

Formulation: *1.67 SC*

Packaging: *1-gallon container or 1-quart container*



Beet armyworm



Russ Ottens, University of Georgia, Bugwood.org

Western yellowstriped armyworm



Peggy Greb, USDA Agricultural Research Service, Bugwood.org

Alfalfa looper

DuPont™ Coragen® insect control for alfalfa

Product	Targeted Pests	Application Rate Per Acre	REI (Hours)	Last Application (days to harvest)
DuPont™ Coragen® insect control	Alfalfa looper	3.5-5.0 fl oz/A	4	0
	Beet armyworm†, Western yellowstriped armyworm†	2.0-5.0 fl oz/A		
	Make one application per cutting. Make no more than 4 applications per acre per crop. Do not apply more than 15.4 fl oz Coragen® or 0.2 lb ai of chlorantraniliprole-containing products per acre per crop.			
DuPont™ Steward® EC insecticide	Alfalfa caterpillar, alfalfa weevil larvae, beet armyworm, cabbage looper (Calif. only), Egyptian alfalfa weevil larvae, granulate cutworm	6.7-11.3 fl oz/A††	12	7
	Western yellowstriped armyworm	9.2-11.3 fl oz/A		
Steward® EC may be applied via ground, air or chemigation (overhead sprinkler). Do not apply Steward® EC within 7 days of harvest. Do not apply more than 45 fl oz Steward® EC (0.44 lb ai) per acre per crop season. Do not apply more than 11.3 fl oz per acre (0.11 lb ai) per cutting. Where aphids are a significant and simultaneous pest with weevil larvae, add one of the following organophosphate or pyrethroid insecticides for aphid control. Organophosphate insecticides: dimethoate, malathion (e.g., Fyfanon), chlorpyrifos (e.g., Lorsban). Pyrethroid insecticides: permethrin (e.g., Pounce), zeta-cypermethrin (e.g., Mustang), cyfluthrin (e.g., Baythroid), lambda cyhalothrin (e.g., Warrior). When Steward® EC is used on alfalfa grown for seed, the seed may not be used for sprouts or livestock feed. All seed from treated crop must be tagged, "Not for Human or Animal Use" at the processing plant.				
DuPont™ Lannate® SP insecticide and DuPont™ Lannate® LV insecticide	Pea aphid, Lygus bugs, blotch leafminer, aphids, Egyptian alfalfa weevil larvae, loopers, beet armyworm, armyworm, alfalfa caterpillar, fall armyworm, Western yellowstriped armyworm, yellowstriped armyworm	½ - 1 lb/A Lannate® SP (1.5 - 3.0 pt/A Lannate® LV)	48	7*
	Alfalfa weevil larvae	1 lb/A Lannate® SP (3.0 pt/A Lannate® LV)		
	Variegated cutworm	¼ - 1 lb/A Lannate® SP (0.75 - 3.0 pt/A Lannate® LV)		
Do not apply to dormant or semidormant alfalfa when minimum daily temperature is 50° F or lower. Do not apply more than 4 pounds of Lannate® SP (12 pt of Lannate® LV)/acre/crop. Do not make more than 10 applications/crop. Chemigation — Lannate® SP or Lannate® LV may be applied by overhead sprinkler chemigation. For best results, use the highest listed rate of Lannate® SP or Lannate® LV. Apply in 0.1 to 0.2 inches of water per acre. See "Chemigation" section of the label for more information.				
* Do not apply Lannate® SP or Lannate® LV within 7 days of cutting or allowing livestock to graze. † Reduced rates of Coragen® permitted under FIFRA Section 2(ee) for the control of beet armyworm and yellowstriped armyworm in the states of California and Arizona. The 2(ee) expiration date is 12/31/2013. †† Reduced rates of Steward® EC permitted under FIFRA Section 2(ee) for the control of alfalfa weevil larvae and Egyptian alfalfa weevil larvae, and for tank mixtures with organophosphate or pyrethroid insecticides when weevil larvae and aphids are simultaneous pests in alfalfa in the counties of Imperial and Riverside in the state of California, AND in the state of Arizona. The 2(ee) expiration date is 12/31/2013.				

For more information

Put this powerful tool to work for you. Contact your local retailer or DuPont representative to learn how you can get more consistent control of key pests in alfalfa with DuPont™ Coragen® insect control. And visit us on the Web at coragen.dupont.com.

Baythroid, Lannate® LV, Lannate® SP, Lorsban, Mustang, Pounce and Warrior are restricted-use pesticides. This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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 Reorder No.: K-24403-1 (Replaces K-24403)



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