

# DuPont™ Coragen®

insect control

powered by  
**RYNAXYPYR®**



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

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 vegetables.

### Key Benefits of Coragen®:

- Breakthrough mode of action
- Based on its excellent environmental profile, use of Coragen® on lettuce and tomatoes is classified by the EPA as Reduced Risk
- Exceptional control of all major worm pests and leafminer (larvae) plus suppression of silverleaf whitefly nymphs
- First and only insecticide to control worms through drip chemigation
- Long-lasting protection — 14 to 21 days and longer\*
- Shortest re-entry — 4 hours
- Short pre harvest interval — 1 day for most crops (brassicas are 3 days)
- Excellent crop protection — insects stop feeding in minutes
- Application flexibility — drip or foliar spray (ground and air)
- Works through ingestion, contact, ovicidal and ovi-larvicidal activity
- Minimal impact on beneficials when applied at labeled rates — excellent fit with IPM programs
- Does not flare secondary pests or mites
- Rainfast once spray has dried





### 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

Crops	Pests (partial list)
Leafy vegetables (non-brassica) 	Beet armyworm ( <i>Spodoptera exigua</i> )
	Cabbage looper ( <i>Trichoplusia ni</i> )
	Corn earworm ( <i>Helicoverpa zea</i> )
	Leafminers (larvae) ( <i>Liriomyza</i> spp.)
	Silverleaf whitefly nymph suppression
Fruiting vegetables 	Beet armyworm ( <i>Spodoptera exigua</i> )
	European corn borer ( <i>Ostrina nubilalis</i> )
	Leafminers (larvae) ( <i>Liriomyza</i> spp.)
	Loopers
	Tomato fruitworm ( <i>Helicoverpa zea</i> )
	Tomato pinworm ( <i>Keiferia lycopersicella</i> )
	Western yellowstriped armyworm ( <i>Spodoptera praefica</i> )
	Silverleaf whitefly nymph suppression
Brassica vegetables 	Beet armyworm ( <i>Spodoptera exigua</i> )
	Cabbage looper ( <i>Trichoplusia ni</i> )
	Cross-striped cabbageworm ( <i>Evergestis rimosalis</i> )
	Diamondback moth ( <i>Plutella xylostella</i> )
	Imported cabbageworm ( <i>Pieris rapae</i> )
Cucurbits 	Beet armyworm ( <i>Spodoptera exigua</i> )
	Cabbage looper ( <i>Trichoplusia ni</i> )
	Leafminers (larvae) ( <i>Liriomyza</i> spp.)
	Melonworm ( <i>Diaphania hyalinata</i> )
	Silverleaf whitefly nymph suppression

\* Depending on application method, untreated plant material may not be fully protected as a result of plant growth.

## Tomatoes — Insecticide Spray Program — Northeast

Timing	Treatment	Insects
Crop establishment	DuPont™ Avaunt® — 3.5 oz/A foliar as needed  <i>or</i>	Armyworms, tomato fruitworm, cabbage looper, tomato pinworm, hornworms
	DuPont™ Asana® XL — 5.8-9.6 fl oz/A foliar spray  <i>or</i>	Beet armyworm*, tomato fruitworm, tomato pinworm, cabbage looper, hornworms, plus Colorado potato beetle and potato aphid
	DuPont™ Lannate® SP — 0.5-1.0 lb/A foliar spray	Aphids, armyworms, tomato fruitworm, hornworms, loopers
	DuPont™ Vydate® L — 1-2 qt/A foliar spray	Aphids, Colorado potato beetle, nematodes**
	Vydate® L — 1-4 qt/A via drip	Nematodes**
Vegetative through early fruit set and sizing	DuPont™ Coragen® — 3.5-5.0 fl oz/A applied foliar or 5 fl oz/A via drip irrigation – 10- to 14-day interval between foliar applications, 14-day for drip applications – Apply as one or two successive applications; wait 30 days before additional Coragen® applications – Only two drip applications allowed per crop season (max total amount of 10 fl oz/A per crop season)	Armyworms, tomato fruitworm, European corn borer, loopers, tomato pinworm, hornworms, garden webworm, plus Colorado potato beetle
Vegetative through fruit sizing	Use products listed in the Crop establishment section during the 30-day period between Coragen® applications.	
Fruit sizing to harvest	Coragen® — 3.5-5.0 fl oz/A applied foliar or via drip irrigation – 10- to 14-day interval between foliar applications, 14-day for drip applications – Apply as one to two successive applications 30 days after previous Coragen® treatments – Only two drip applications allowed per crop (max 10 fl oz/A)	Armyworms, tomato fruitworm, European corn borer, loopers, tomato pinworm, hornworms, garden webworm, plus Colorado potato beetle

\* Aids in control.

\*\* For supplemental treatment of specific nematode species following a preplant or at-plant nematicide application. See Vydate® L label for details.

NOTE: Coragen® is best used with block sprays of 2 applications in any given 30-day window followed by a 30-day period using non-GROUP 28 products such as Avaunt®, Lannate® SP and Asana® XL.

Coragen® maximum use amount of 15.4 fl oz per acre per crop per season.

Coragen® can provide control of leafminer (larvae) and suppression of silverleaf whiteflies (nymphs) at 5.0-7.5 fl oz/A applied foliar or via drip. See label for additional information.

For optimum results using drip application follow the Drip Chemigation: Best Management Practices.

### For more information

Put this powerful tool to work for you. Contact your local crop protection retailer or DuPont representative to learn how you can get more consistent control of key pests in vegetables with DuPont™ Coragen® insect control. And visit us on the Web at [coragen.dupont.com](http://coragen.dupont.com).

See individual product labels for specific pests controlled or suppressed by these products.

DuPont™ Coragen® and Rynaxypyr® may not be registered for sale or use in all states. See your local DuPont retailer or representative for details and availability in your state.

Asana® XL, Lannate® SP and Vydate® L are restricted-use pesticides.

**This Northeast U.S. 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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