

## Recommendation Sheet

North Carolina, South Carolina and Virginia — Cucumbers

# 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®:

- New insecticide family with a breakthrough mode of action
- Excellent environmental profile and registered by EPA as a Reduced Risk product
- 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 when spray is dry

### 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.

## Cucumbers — Insecticide Spray Program North Carolina, South Carolina and Virginia

Week	Treatment	Insects
1-2	DuPont™ Avaunt® — 3.5 oz/A foliar spray <i>or</i>	Worms, including pickleworm
	DuPont™ Asana® XL — 5.8-9.6 fl oz/A foliar spray <i>or</i>	Worms, including pickleworm
	DuPont™ Lannate® SP — 0.5-1.0 lb/A foliar spray	Worms, including pickleworm
2-4	DuPont™ Coragen® — 5 fl oz/A foliar spray	Worms, leafminer (larvae)*, silverleaf whitefly nymphs**
	DuPont™ Vydate® L — 1-2 qt/A foliar spray	Nematodes***, aphids, thrips
4-6	Coragen® — 5 fl oz/A foliar spray 14 days after first Coragen® application	Worms, leafminer (larvae)*, silverleaf whitefly nymphs*
	Vydate® L — 1-2 qt/A foliar spray	Nematodes***, aphids, thrips
7-9	Avaunt® — 3.5 oz/A foliar spray <i>or</i>	Worms, including pickleworm
	Asana® XL — 5.8-9.6 fl oz/A foliar spray <i>or</i>	Worms, including pickleworm
	Lannate® SP — 0.5-1.0 lb/A foliar <i>or</i>	Worms, including pickleworm
	Vydate® L — 1-2 qt/A foliar spray	Nematodes***, aphids, thrips
9-11	Coragen® — 5 fl oz/A foliar spray 30 days after previous Coragen® application	Worms, leafminer (larvae)*, silverleaf whitefly nymphs**
	Vydate® L — 1-2 qt/A foliar spray	Nematodes***, aphids, thrips
11+	Avaunt® — 3.5 oz/A foliar spray <i>or</i>	Worms, including pickleworm
	Asana® XL — 5.8-9.6 fl oz/A foliar spray <i>or</i>	Worms, including pickleworm
	Lannate® SP — 0.5-1.0 lb/A foliar spray <i>or</i>	Worms, including pickleworm
	Vydate® L — 1-2 qt/A foliar spray	Nematodes***, aphids, thrips

NOTE: Studies have shown that applications of Vydate® L can provide enhanced plant vigor.

\* Control of *Liriomyza* species except suppression only for *L. huidabrensis* and *L. langei*.

\*\* Suppression only.

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

### For more information

Put this powerful new 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 new 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 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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