

# Realize optimal yield and quality in peppers with reliable and consistent control.

**DuPont™**  
**Coragen®**  
 insect control  
 powered by  
 RYNAXYPYR®

## Peppers — Southeastern U.S.

DuPont™ Coragen® insect control is a breakthrough mode of action insecticide that delivers remarkable protection. Optimize yield and quality in your fields by achieving consistent and long-lasting control of key insect pests in peppers.

### Key benefits of Coragen®:

- Helps break the insect resistance cycle with a breakthrough mode of action, compared to other standard treatments
- Excellent control of all major worm pests and leafminer (larvae)<sup>1</sup> plus suppression of silverleaf whitefly nymphs
- The first product to include the only active ingredient that controls worms through drip chemigation<sup>2</sup>
- Long-lasting protection — 14 to 21 days and longer<sup>3</sup>
- Shortest reentry — 4 hours
- Short preharvest interval — 1 day for peppers
- Excellent crop protection — insects stop feeding in minutes
- Application flexibility — drip<sup>2</sup> or foliar spray (ground and air)
- Works through ingestion or contact to deliver ovicidal<sup>4</sup> 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

\* In line with Integrated Pest Management and Good Agricultural Practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.





<sup>1</sup> Control of *Liriomyza* species, except suppression only for *L. huidabrensis* and *L. langei*.

<sup>2</sup> Drip chemigation is not allowed on all crops. See Coragen® product label for which crops drip chemigation is allowed.

<sup>3</sup> Depending on application method, untreated plant material may not be fully protected as a result of plant growth.

<sup>4</sup> Ovicidal activity on selected pest species.

<sup>5</sup> Additional labeled crops include artichoke, asparagus, bulb vegetables, cereal grains, corn (sweet, seed, field, pop), grass forage, fodder and hay, herbs, hops, legume vegetables, peppermint/ spearmint, non-grass animal feeds (including alfalfa), okra, potato, oilseeds, soybeans, spices, strawberry, sugarcane, tobacco and root and tuber vegetables.

Crops <sup>5</sup>	Pests (partial list)
	Beet armyworm ( <i>Spodoptera exigua</i> )
	Cabbage looper ( <i>Trichoplusia ni</i> )
	Corn earworm ( <i>Helicoverpa zea</i> )
	Leafminers (larvae) ( <i>Liriomyza</i> spp.) <sup>1</sup>
	Silverleaf whitefly nymph suppression
	Beet armyworm ( <i>Spodoptera exigua</i> )
	European corn borer ( <i>Ostrinia nubilalis</i> )
	Leafminers (larvae) ( <i>Liriomyza</i> spp.) <sup>1</sup>
	Loopers
	Tomato fruitworm ( <i>Helicoverpa zea</i> )
	Tomato pinworm ( <i>Keiferia lycopersicella</i> )
	Western yellowstriped armyworm ( <i>Spodoptera praefica</i> )
	Silverleaf whitefly nymph suppression
	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> )
	Beet armyworm ( <i>Spodoptera exigua</i> )
	Cabbage looper ( <i>Trichoplusia ni</i> )
	Leafminers (larvae) ( <i>Liriomyza</i> spp.) <sup>1</sup>
	Melonworm ( <i>Diaphania hyalinata</i> )
	Silverleaf whitefly nymph suppression

# DuPont™ Coragen®

insect control

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## Peppers — Insecticide Spray Program — Southeastern U.S.

Week	Treatment	Insects**
1–3	DuPont™ Avaunt® — 3.5 oz/A foliar spray	Worms, including beet and southern armyworm, tomato fruitworm and looper
3–5	DuPont™ Coragen® — 5 fl oz/A foliar spray	Worms, leafminer (larvae), <sup>6</sup> silverleaf whitefly nymphs <sup>7</sup>
	DuPont™ Vydate® L — 1–2 qt/A foliar spray	Pepper weevil, vegetable leafminer, green peach aphid, thrips and nematodes <sup>6,8</sup>
5–7	Coragen® — 5 fl oz/A foliar spray 14 days after first Coragen® application	Worms, leafminer (larvae), <sup>6</sup> silverleaf whitefly nymphs <sup>7</sup>
	Vydate® L — 1–2 qt/A foliar spray or	Pepper weevil, vegetable leafminer, green peach aphid, nematodes, <sup>8</sup> thrips
	Vydate® L — 1–2 qt/A via drip	Nematodes, <sup>8</sup> leafminer <sup>7</sup>
7–10	Avaunt® — 3.5 oz/A foliar spray or	Worms, including beet and southern armyworm, tomato fruitworm, looper
	DuPont™ Lannate® SP — 0.5–1.0 lbs/A foliar spray or	Worms, including European corn borer, <sup>9</sup> plus green peach aphid
	Vydate® L — 1–2 qt/A foliar spray or	Pepper weevil, vegetable leafminer, green peach aphid, nematodes <sup>8</sup>
	Vydate® L — 1–2 qt/A via drip	Nematodes, <sup>8</sup> leafminer <sup>7</sup>
10–12	Coragen® — 5 fl oz/A foliar spray <sup>10</sup>	Worms, leafminer (larvae), <sup>6</sup> silverleaf whitefly nymphs <sup>7</sup>
	Vydate® L — 1–2 qt/A foliar spray or	Pepper weevil, vegetable leafminer, green peach aphid, nematodes, <sup>8</sup> thrips
	Vydate® L — 1–2 qt/A via drip	Nematodes, <sup>8</sup> leafminer <sup>7</sup>
12+	Avaunt® — 3.5 oz/A foliar spray or	Worms, including beet and southern armyworm, tomato fruitworm, looper
	Lannate® SP — 0.5–1.0 lb/A foliar spray or	Worms, including European corn borer, <sup>9</sup> plus green peach aphid, brown marmorated stink bug <sup>11</sup>
	Vydate® L — 1–2 qt/A foliar spray	Pepper weevil, vegetable leafminer, green peach aphid, nematodes, <sup>8</sup> thrips

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

NOTE: Studies have shown that, when used in a program for pest management, application of Vydate® L can result in enhanced plant vigor.

<sup>6</sup> Control of *Liriomyza* species, except suppression only for *L. huidabrensis* and *L. langei*.

<sup>7</sup> Suppression only.

<sup>8</sup> For supplemental treatment of specific nematode species following a preplant or an at-plant nematicide application. See Vydate® L label for details.

<sup>9</sup> Use 1 lb/A of Lannate® SP for European corn borer control.

<sup>10</sup> See Coragen® product label for specific guidance regarding Insect Resistance Management practices; avoid using the same mode of action on consecutive generations of insect pests.

<sup>11</sup> Brown marmorated stink bugs are very mobile pests. They may reinfest the treated area quickly. If another application is needed prior to the minimum application interval, use a different insecticide. Since Lannate® SP is a fast acting contact insecticide, best results follow direct spraying of the target pest. Use sufficient water to obtain thorough, uniform coverage. Use a minimum of 20 gallons of water per acre for ground applications and 5 gallons of water per acre for aerial applications.

### For more information

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

DuPont™ 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, which must be read before using the product(s). 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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