



The miracles of science™

## Realize reliable control of key pests

DuPont™  
Vydate® L  
insecticide/nematicide

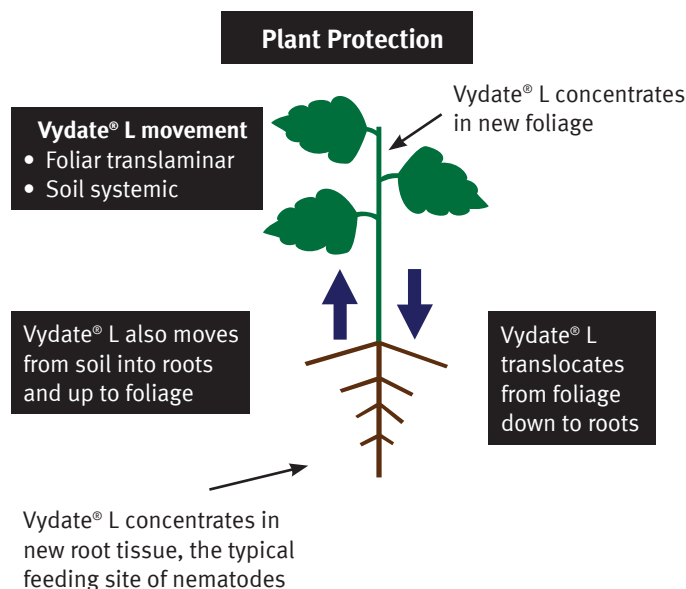
DuPont™ Vydate® L is a broad-spectrum insecticide/nematicide for the control of key pests in vegetable crops.\*

### The benefits of using Vydate® L

- **Protects both roots and canopy.** Foliar applications can translocate downward to the root system, and soil applications can move upward through the roots to the plant canopy.
- **Controls both above- and below-ground pests.** Vydate® L provides broad-spectrum control of insect pests, including aphids, mites, thrips, leafminers, weevils and leafhoppers. It also provides suppression of several nematode\*\* species that feed below ground on the roots.
- **Application flexibility and optimal efficiency.** Vydate® L has excellent systemicity, so it can be applied as a foliar spray or at planting (band or in-furrow). It is also highly water soluble, which allows you to apply it via chemigation (drip, micro-sprinkler and center-pivot irrigation).
- **Fast-acting control.** Vydate® L acts quickly through direct contact on susceptible insect species when applied foliarly. It also reduces nematode feeding, movement, reproduction and hatching from soil applications.
- **Active against multiple life stages.** Vydate® L has shown effective control against adults, nymphs and larvae of many insect species. In addition, ovicidal activity has been observed on several nematode species.
- **Resistance management.** Vydate® L is in the carbamate family, which makes it an effective, reliable rotational partner when used in a resistance-management program with some of the newer insecticides.
- **Pre-harvest intervals:** Cucurbits (1 day); tomatoes (3 days); peppers, potatoes and eggplants (7 days); and onions and carrots (14 days). The restricted-entry interval is 48 hours for all vegetable crops.

### Get up-and-down protection with Vydate® L

Only DuPont™ Vydate® L has both foliar translaminar and soil systemic activity for top-down, roots-up control of damaging insects and nematodes.





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# DuPont™ Vydate® L

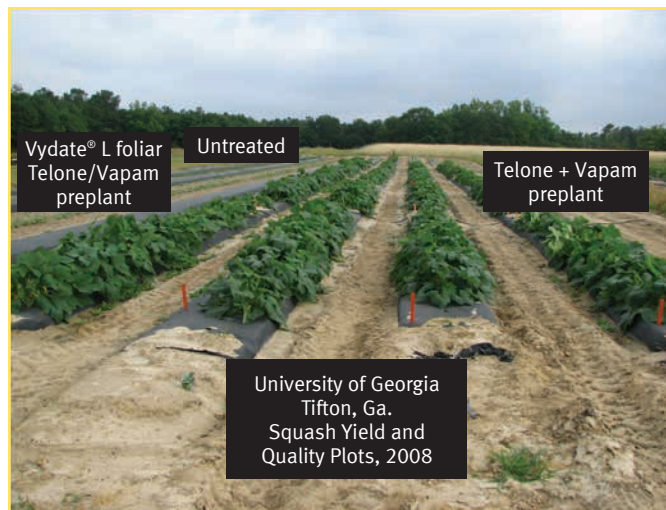
insecticide/nematicide

## Proven performance

In tests conducted over several years, crops that were treated with a foliar or drip application of Vydate® L for pest control exhibited more vigorous growth and produced higher yields. For example, Vydate® L applied via drip chemigation following Telone delivered reduced nematode feeding, which as a result increased vigor and yield in multiple studies in cucurbits and eggplant\*\* (Table 1 below).

### Impact of Vydate® L drip applications following Telone for protection against nematode damage and effect on crop vigor and yield across several studies in cucurbits and eggplant, 2000–2005

| Treatment                                      | Root Knot Season Mean | Root Gall Index 0–10 | Vigor 0–10 | Market Yield % vs. UTC |
|--|-----------------------|----------------------|------------|------------------------|
| Telone<br>17.5-18.0 gal                        | 73/150 cc soil        | 2.7                  | 7.2        | 128%<br>(6 tests)      |
| Telone fb<br>Vydate® L<br>3 x 2.0 qt<br>(drip) | 60/150 cc soil        | 1.1                  | 7.6        | 296%<br>(6 tests)      |
| Untreated                                      | 558/150 cc soil       | 4.6                  | 5.8        | --<br>(13 tests)       |



See the difference: Pest-control treatments that included DuPont™ Vydate® L produced more vigorous, higher-yielding plants.

## For more information

Contact your local DuPont retailer or representative to learn how you can manage pests that attack your crops from above and below ground with DuPont™ Vydate® L insecticide/nematicide. And visit us at [vydatel.dupont.com](http://vydatel.dupont.com).

\* Vydate® L is not registered for use on carrots in California.

\*\* Vydate® L is not registered for use against nematodes on eggplants or peppers in California. Telone and DuPont™ 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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