



The Chemical Company

Pylon® Miticide-Insecticide

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Pylon is a unique miticide-pesticide solution for control of tough greenhouse pests, including mites and thrips.

Overview:

Pylon® miticide-insecticide, with the active ingredient chlorfenapyr, is a broad-spectrum product that provides exceptional control of key greenhouse pests. Pylon® miticide-insecticide is the only registered product in the pyrroles class of chemistry with control of a range of insects and mites, caterpillars, and Western flower thrips. Pylon miticide-insecticide controls the target insect or mite by interfering with energy production within the pests. Its translaminar movement and mode of action result in mortality of most pests within 72 hours.

Pests Controlled:

Pest	GH Ornamentals	GH Peppers, Tomatoes, Eggplant
Cabbage Looper	yes	yes
Soybean Looper	yes	-
Foliar Nematodes	yes	-
Western Flower Thrips	yes	-
Tomato Hornworm	-	yes
Tobacco Budworm	-	yes
Alfalfa Looper	-	yes
Two-spotted Spider Mite	yes	yes

Product Specifics:

Use Sites: Ornamental crops and Fruiting Vegetable crops grown in commercial greenhouses.

Formulation: SC (suspension concentrate)

Active Ingredient: Chlorfenapyr

Chemical Family: Pyrroles

Mode of Action: Interferes with energy production in cell mitochondria.

Behaviour in Pests: Translaminar and an effective contact and ingestion activity; the pest will die from an inability to generate its own energy.

Use Rates: See product label for details.

REI: 12 hours

PPE: Coveralls; chemical-resistant gloves; shoes plus socks.

Rooted in your community.

TerraLink

- Toxic to bees.
- Cannot be applied to greenhouse cut flowers.
- Do not apply with surfactant.
- Phytotoxicity is likely on some varieties of some species. Test Pylon on a small group of plants prior to use on a large scale to ensure that no phytotoxicity occurs.
- The label is the final authority. See the label for detailed information.

Keys to Success:

To minimize risk of injury to plants, make applications prior to blooming or avoid blooms whenever possible. Apply in the coolest times of day and refer to the Pylon miticide-insecticide label to evaluate crop safety on any plants you may be treating.

Pylon miticide-insecticide is not ovicidal and so should be used in rotation with a registered ovicidal product specific for the pest when moderate or high populations of eggs are present. Applications should be made to the immature states of insects and mites. Do not apply more than three applications on greenhouse ornamentals during a crop growing cycle.

On greenhouse vegetables, only one application per crop growing cycle is permitted.

Product Attributes:

- Provides 14 to 21 days of control, depending on the pest and pest population pressure.
- Exceptional control of Western Flower Thrips in greenhouse ornamentals.
- Rainfast in 60 minutes.
- Broad-spectrum control of nymph and adult stages of mites.
- Only registered product for foliar nematodes in greenhouses.
- Mortality of most pests within 72 hours, except foliar nematodes.
- Excellent translaminar activity.



Western Flower Thrips
(*Frankliniella occidentalis*)
University of Florida



Two-spotted Spider Mite (*Tetranychus urticae*)
Ralph E. Berry, Department of Entomology,
Oregon State University



Cabbage Looper (*Trichoplusia ni*)
Extension Entomology,
Texas A&M University