

Contains chlorfenapyr, the active ingredient used in Pylon®.

**INSECTICIDE**

# PISTON™

## BROAD-SPECTRUM CONTROL OF TOUGH GREENHOUSE PESTS

Piston™ is a broad-spectrum insecticide-miticide that delivers outstanding control of tough greenhouse pests. Piston provides 14 to 21 days of control depending on the pest and the pest population pressure. Piston has excellent stomach activity when ingested and exceptional contact activity. It kills most pests within 72 hours, except foliar nematodes.

Piston contains the active ingredient chlorfenapyr, and it is a member of the pyrroles class of chemicals. Piston works by interfering with the energy production of pests, preventing the conversion of ADP to ATP so mites and insects cannot generate enough energy to survive.

### KEY BENEFITS

- Controls a wide range of mites in nymph and adult stages
- Delivers 14 to 21 days of control
- Outstanding control of thrips
- Rainfast in 60 minutes
- Excellent translaminar activity
- Kills most pests within 72 hours

### KEY USES

- Eggplant
- Fruiting vegetables
- Ground cherry
- Ornamental crops grown in commercial greenhouses
- Pepper
- Tomato

*Refer to label for specific use restrictions.*

# EcoCore



### PRODUCT NOTES

#### EPA REGISTRATION NUMBER

91234-19

#### ACTIVE INGREDIENT

Chlorfenapyr 21.4%

#### FORMULATION

Suspension concentrate

#### IRAC NUMBER

13

#### SIGNAL WORD

Caution

#### PACKAGE SIZE

4 x 1 qt

#### RESTRICTED USE

No



[www.AtticusLLC.com](http://www.AtticusLLC.com)

## APPLICATION INFORMATION

Always maintain agitation while applying Piston™. For best results, use the recommended rate with sufficient water to ensure thorough coverage.

Piston does not have ovicidal activity. Therefore, it should be used in combination with a registered miticide or insecticide with ovicidal activity if moderate to heavy numbers of mite or insect eggs are present at application time.

To achieve maximum results when multiple pests are present, it is recommended to use the rates required to control the most difficult pest. Use lower rates when populations are at action thresholds and higher rates when populations have reached economic injury levels for yield or quality.

## APPLICATION RECOMMENDATIONS

### REDUCING RISK

To reduce the risk of injury to ornamentals, apply Piston during the coolest parts of the day. Avoid applications to blooms whenever possible. Prior to application, it is always important to evaluate the potential for phytotoxicity of all tank mixes. Crop oils, surfactants and fertilizer adjuvants have been shown to increase the likelihood of phytotoxicity and are not recommended with Piston.

### RESISTANCE MANAGEMENT

When using Piston in greenhouses, do not apply more than two consecutive applications before rotating to an insecticide-miticide with a different mode of action. In addition, do not apply Piston to consecutive crops in commercial greenhouses unless applied in combination with another insecticide-miticide with a different mode of action.



**CHILLI THRIP**

Andrew Derksen, USDA-APHIS, Bugwood.org



**FUNGUS GNAT**



**SPIDER MITE**

Charles Olsen, USDA APHIS PPO, Bugwood.org

## KEY INSECTS

Broad mites  
Caterpillars  
Chilli thrips  
Citrus budmites  
Cyclamen mites  
Foliar nematodes  
Fungus gnats  
Rust mites  
Spider mites  
Western flower thrips

*(Refer to product label for complete list)*

*Refer to product label for complete application and mixing instructions.*

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