

## **ORNAMENTALS - PEST SUPPRESSED AT 8 FL OZS/100 GALLONS**

### General Information

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL, AND/OR ILLEGAL RESIDUES.

Timectin 0.15 EC T&O Insecticide/Miticide is an EC formulation which is to be diluted with water prior to use. Timectin 0.15 EC T&O Insecticide/Miticide controls leafminers and mites and suppresses whiteflies, thrips and aphids on the ornamental species listed on this label.

### Resistance Management

Timectin 0.15 EC T&O Insecticide/Miticide is an insecticide/miticide and some target pests may develop resistance to Timectin 0.15 EC T&O Insecticide/Miticide treatments. Use resistance management practices when using Timectin 0.15 EC T&O Insecticide/Miticide on plants that are hosts of labeled pests that have more than one generation per crop or year. Typical strategies include, but are not limited to, rotation to other insecticides with different modes of action, treatment of successive generations with different products, applications made at specified label rates and at specified spray intervals, and the use of non-chemical alternatives (for example, beneficial arthropods or rotation of susceptible to non-susceptible plants). Contact your State Cooperative Extension Service for additional information on these or other resistance management strategies.

To manage susceptibility in *Liriomyza* leafminer species, make up to three applications of Timectin 0.15 EC T&O Insecticide/Miticide and then rotate to Citation Insecticide (which contains the active ingredient cyromazine) for no more than three applications before rotating back to Timectin 0.15 EC T&O Insecticide/Miticide or using another insecticide. Alternating between these two products which have different modes of action should be based on the generation of *Liriomyza* species to avoid applying Timectin 0.15 EC T&O Insecticide/Miticide to successive generations.

### Plant Tolerance

Although Timectin 0.15 EC T&O Insecticide/Miticide has been tested for tolerance on a variety of ornamental plants, it is not possible to test Timectin 0.15 EC T&O

Insecticide/Miticide under all application conditions, such as when Timectin 0.15 EC T&O Insecticide/Miticide is applied with combination products or with surfactants or adjuvants. Test a small area of plants for phytotoxicity to Timectin 0.15 EC T&O Insecticide/Miticide before making applications to large blocks of plants.

Phytotoxicity has been observed after the use of Timectin 0.15 EC T&O Insecticide/Miticide on certain species of ferns (e.g., *Adiantum* spp.) and Shasta Daisy (*L. eucanthemum* spp.). Tide International USA does not recommend the use of Timectin 0.15 EC T&O Insecticide/Miticide on ferns or Shasta Daisy.

### Restrictions

- Do not use Timectin 0.15 EC T&O Insecticide/Miticide for suppression of aphids, whiteflies, and thrips on roses, chrysanthemums, and gerbera. These ornamentals are primary hosts of mites and *Liriomyza* leafminers and Timectin 0.15 EC T&O Insecticide/Miticide applications should target these insect pests. Additional applications of Timectin 0.15 EC T&O Insecticide/Miticide to suppress aphids, thrips, and whiteflies on these plants will increase the selection pressure on mites and *Liriomyza* leafminers which may result in greater tolerance of these pests to Timectin 0.15 EC T&O Insecticide/Miticide.
- Do not apply this product through any type of irrigation system.
- Do not apply by air.
- Do not use in citrus nurseries.
- Do not apply less than 8.0 fl. oz. or more than 16 fl. oz. per acre.

### Limitations, Restrictions, and Exceptions

#### ORNAMENTALS - CROP USE DIRECTIONS

#### TARGET CROPS

Shadehouse, Greenhouse, Field-Grown Ornamentals, Foliage Plants, Christmas Trees, and other Woody Ornamentals

#### APPLICATION DIRECTIONS

Mix Timectin 0.15 EC T&O Insecticide/Miticide with a sufficient amount of water. Make applications as a foliar spray and ensure crops receive a thorough, uniform coverage.

Horticultural Spray Oils: For enhanced residual control of target pests on field-grown woody ornamentals, landscape plants, and Christmas trees, add a horticultural spray oil to the Timectin 0.15 EC T&O Insecticide/Miticide spray mix at 0.5 to 1.0% of the spray volume. To maintain control, make repeat applications as necessary at 7 days intervals. Some plants may be sensitive to these oils. Test a small area of plants for phytotoxicity to Timectin 0.15 EC T&O Insecticide/Miticide mixed with horticultural spray oil. Evaluate the plants after 2 weeks before applying Timectin 0.15 EC T&O Insecticide/Miticide mixed with oils on a large number of plants. In addition, plant damage from treatment with such mixtures may be increased if the temperatures are very cold or very warm. Read and follow directions on the spray oil label. Do not exceed the maximum rates listed on the label.

Pests Suppressed at 8 fl. oz. Timectin 0.15 EC T&O Insecticide/Miticide/100 gallons:

Application Instructions: Make applications of Timectin 0.15 EC T&O Insecticide/Miticide in 200 to 400 gallons of water per acre. For thorough coverage of plants, more than 400 gals. of water per acre may be required.

- Use at least 8 fl. oz. per acre if using less than 200 gals.
- Use no more than 16 fl. oz. per acre in 400 or more gals. of water (that is, add 2.5 fl. oz. Timectin 0.15 EC T&O Insecticide/Miticide per 100 gals. if total spray volume is 650 gals.).
- Make applications of Timectin 0.15 EC T&O Insecticide/Miticide when young, immature stages of these pests are first observed.
- Make repeat applications every 7 days for 2 or 3 weeks. Then, alternate to another insecticide that has a different mode of action than Timectin 0.15 EC T&O Insecticide/Miticide. Read the Resistance Management section for additional information on insecticide rotation.
- Aphids, thrips, and whiteflies are killed by direct contact with the Timectin 0.15 EC T&O Insecticide/Miticide spray.

Method

[Spray](#)

Rates

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Restricted Entry Interval

12 hours

Timings

When young, immature stages of these pests are first observed.