

# **COMMERCIAL ORNAMENTALS - GREENHOUSES AND NURSERIES PRODUCTION ONLY (PREVENTATIVE AND MAINTENANCE)**

General Information

## **DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

## **USE RESTRICTIONS**

DO NOT allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands or animals.

For ground boom applications: DO NOT apply within 25 ft of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 ft above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles of VMD for spinning atomizer nozzles.

The buffer distances specified in the below table are the distances in feet that must exist to separate sensitive sites from the targeted application site. Buffers are measured from the edge of the sensitive site to the edge of the application site.

Sensitive sites are areas frequented by non-occupational bystanders (especially children). These include residential lawns, pedestrian sidewalks, outdoor recreational areas such as school grounds, athletic fields, parks and all property associated with buildings occupied by humans for residential or commercial purposes. Sensitive sites include homes, farmworker housing or other residential

buildings, schools, daycare centers, nursing homes and hospitals. Non-residential agricultural buildings, including barns, livestock facilities, sheds and outhouses are not included in this prohibition.

Only pesticide handlers are permitted in the setback area during application of this product. DO NOT apply this product if anyone other than a mixer, loader or applicator is in the setback area. Exception: Vehicles and persons riding bicycles that are passing through the setback area on public or private roadways are permitted.

#### PRODUCT INFORMATION

This product is a flowable, microencapsulated concentrate containing chlorpyrifos. This product may be sprayed on surfaces which will not be damaged or stained by water. Heavy applications may leave a visible deposit. On some surfaces this deposit can be removed with a damp cloth or sponge.

#### MIXING INSTRUCTIONS (ALL USES)

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank and then add the proper amount of concentrate. When emptying the bottle, rinse thoroughly with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even coverage. Shake or re-agitate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

#### Limitations, Restrictions, and Exceptions

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**KILLS:** Ants (except Carpenter, Fire, Harvester and Pharaoh), Aphids, Beetles, Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Colorado Potato Beetles, Crickets, Cucumber Beetles, Flea Beetles, Firebrats, Fungus Gnats, Fungus Gnat Larvae, Gnats, Japanese Beetles, Leafhoppers, Leaf Miner, Mealybugs, Root Mealy Bugs, Root Weevils, Rose Aphids, Rose Chafer, Scale, Shore Flies, Spider Mites, Stink Bugs, Tarnished Plant Bugs, Thrips and Watermelon Beetles

- Apply to ornamentals grown only in wholesale nursery operations. Wholesale nursery operations are commercial agricultural operations which do not sell or

distribute directly to consumers or the general public through retail sales. Plants, trees, fruits, vegetables, or any parts of the plants, trees, fruits, or vegetables treated with this product cannot be sold or distributed directly to consumers or the general public through retail sales.

**FOR USE ON:**

Bedding plants (including): impatiens, marigolds, petunias, geraniums, garden mums, verbena, New Guinea impatiens, and dahlia

Cut flowers (including): roses, chrysanthemums, carnations, snapdragons, and orchids

Flowering hanging baskets (including): fuchsia and lantana

Foliage (including): Boston fern, dracaena, ficus, schefflera, and philodendron

Potted flowering plants (including): poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, begonias, gloxinia, cyclamen, cineraria, calceolaria, and exacum

Ornamental Trees & shrubs (including): azalea, barberry, cotoneaster, euonymus, ilex, ivy, juniper, oak, pine, rhododendron, roses, spiraea, spruce, virburnum, and yew

**DO NOT USE ON:** kalanchoes

**USE DIRECTIONS**

Preventative and Maintenance: Use 0.25 fl oz per gallon of water. Spray upper and lower foliage surfaces of plants uniformly.

Method

[Spray](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

24 hours

Timings

N.A.