

FOR APPLICATION TO PLANTS GROWN INDOORS (INTERIOR PLANTSCAPES) - BROADCAST APPLICATIONS

General Information

NON-AGRICULTURAL USES

Do not apply Merit 2F Insecticide while bees are foraging. Do not apply Merit 2F Insecticide to plants that are flowering. Only apply after all flower petals have fallen off.

MERIT 2F Insecticide can be used as directed on sod farms, and on turfgrass, and ornamentals on such sites: residential home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields.

MERIT 2F Insecticide can be used by soil application as directed on trees, shrubs, flowers, and groundcovers in sites: in and around the perimeter of industrial and commercial buildings and residential areas, and municipal, city, state, national, and private wooded and forested areas.

RESTRICTION: Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.

RESISTANCE: Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area.

MERIT 2F Insecticide contains a Group 4A insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species.

Limitations, Restrictions, and Exceptions

APPLICATION TO ORNAMENTALS

MERIT 2F Insecticide is for use on ornamentals in commercial and residential landscapes and interior plantscapes. MERIT 2F Insecticide is a systemic product and will be translocated upward into the plant system from root uptake. To assure

optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb the active ingredient. The addition of a nitrogen containing fertilizer, where applicable, into the solution may enhance the uptake of the active ingredient. Application can be made by foliar application or soil applications; including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against insect pests.

When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this translocation delay could take 60 days or longer. For this reason, make application prior to anticipated pest infestation to achieve optimum levels of control.

RESTRICTION: Outdoor applications cannot exceed a total of 1.6 pints (0.4 lb of active ingredient) per acre per year.

ANT MANAGEMENT PROGRAMS

Use MERIT 2F Insecticide to control aphids, scale insects, mealybugs and other sucking pests on ornamentals to limit the honeydew available as a food source for ant populations. MERIT 2F Insecticide applications can be then be supplemented with residual sprays, bait placements or other ant control tactics to further reduce the pest population.

APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS

MERIT 2F Insecticide mixes readily with water and may be used in many types of application equipment. Mix product with the required amount of water and apply as desired dependent upon the selected use pattern.

When making foliar applications on hard to wet foliage such as holly, pine, or ivy, the addition of a spreader/ sticker is recommended. If concentrate or mist type spray equipment is used, apply an equivalent amount on the area sprayed, as would be used in a dilute application.

MERIT 2F Insecticide has been found to be compatible with commonly used fungicides, miticides, liquid fertilizers, and other commonly used insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

RESTRICTION: Do not apply through any irrigation system.

Broadcast Applications: Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1,000 sq ft. For optimum control, irrigate thoroughly to incorporate Merit 2F Insecticide into the upper soil profile.

RESTRICTIONS:

- Not for use in commercial greenhouses.

Method

[Foliar spray](#)

[Soil incorporation](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

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Restricted Entry Interval

12 hours

Exception: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[Prior to anticipated pest infestation to achieve optimum levels of control.](#)