

# **ORNAMENTAL TREE AND SHRUB (INCLUDING EVERGREENS), FLOWER, FOLIAGE PLANT, AND GROUNDCOVER APPLICATION**

## General Information

### PRODUCT INFORMATION

This product may be applied for the control of white grubs and other listed pests infesting landscape and recreational turfgrass, golf courses, landscape ornamentals and interior plantscapes.

This product may be used on plants or turfgrasses that are being grown for aesthetic or recreational purposes or climatic modification in or around home lawns, commercial lawns, industrial facilities, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, interior plantscapes, ornamental gardens, parks, wildlife plantings, playgrounds, schools, day-care facilities, golf courses (tee box areas, roughs, fairways, greens, collars etc.), athletic fields, sod farms and other landscaped areas.

This product must not be applied when the soil is saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition.

This product is in GROUP 28 of the EPA's Insecticide and Acaricide Groups Based on Target Site of Action (EPA PR Notice 2001-5) and may be used in rotational resistance management programs.

Due to pest activity differences, consult your local cooperative extension service for guidance. To find your local extension agent, visit [www.csrees.usda.gov](http://www.csrees.usda.gov).

### APPLICATION EQUIPMENT

Apply this product using drop-type, rotary-type or hand-held application equipment. The application equipment must be properly calibrated according to the manufacturer's directions to ensure uniform coverage over the treated area. During application, the equipment must be checked periodically to confirm that it is working properly and that the granules are being uniformly distributed.

## RESISTANCE MANAGEMENT

Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the recommended dosages fail to suppress the pest population below threshold levels. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of active classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local Cooperative Extension Service specialist or pest control advisor for the latest information on resistance management in your area.

## RESTRICTIONS

- Not for use on plants being grown for sale or other commercial use, or for commercial seed production.
- Do not formulate this product into other end-use products.
- Do not apply this product in commercial nurseries and greenhouses.
- Do not apply more than 750 pounds (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to turfgrass.
- Do not apply more than 300 pounds (equivalent to 0.2 lb of active ingredient) of product per acre in a single application on sod farms.
- Wait a minimum of 7 days to retreat.
- Do not apply by air.
- The following restrictions are required to permit use of this product in the State of New York:

### Golf Courses:

Greens, tee boxes: Do not apply this product within 25 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch)

Fairways: Do not apply this product within 50 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch)

All other use sites: Do not apply this product within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch)

Limitations, Restrictions, and Exceptions

## APPLICATION RATES FOR ORNAMENTAL PLANTS

Table 2 provides the application rates that will control the pests of landscape ornamentals and interior plantscapes. Black plastic or other weed barrier materials that are impermeable to water should be removed before application. For maximum residual effectiveness or for optimal control of large pest infestations, this product may be applied at up to 500 pounds per acre (0.33 lb AI/A) to control any of the pests listed in Table 2.

Method

[Broadcast](#)

Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

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Restricted Entry Interval

4 hours

Timings

[N.A.](#)