

# **TURF CATERPILLARS (INCLUDING ARMYWORMS, CUTWORMS AND SOD WEBWORMS)**

General Information

DIRECTIONS FOR USE

USE RESTRICTIONS AND PRECAUTIONS

- DO NOT formulate this product into other end-use products without written permission from Syngenta Crop Protection, LLC.
- DO NOT use on turf grown for seed production.
- DO NOT allow this product to contact plants in bloom if bees are foraging in the treatment area.
- DO NOT apply this product through any type of irrigation system.
- DO NOT apply this product with aerial application equipment.
- DO NOT apply more than 32 fluid ounces (equivalent to 0.4 lb of active ingredient) of product per acre per year.
- Wait a minimum of 7 days to retreat.
- Not for Sale, Sale Into, Distribution and/or Use in Nassau, Suffolk, Kings, Queens Counties of New York State unless permitted under FIFRA Section 24(c) Special Local Need Registration.

PRODUCT INFORMATION

Ference is a suspension concentrate that may be applied for the control of annual bluegrass weevils, white grubs, billbugs, caterpillars and other listed pests infesting landscape and recreational turfgrass (including golf courses and sod farms).

Ference may be used on turfgrasses that are being grown for aesthetic or recreational purposes in or around home lawns, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, parks, playgrounds, schools, daycare facilities, golf courses (tee box areas, roughs, fairways, greens, collars etc.), athletic fields and sod farms. Ference may also be used on turfgrass in and around small and large companion animal (including horses) boarding and exercising areas providing that the animals exposed to the treated areas are not used for human

consumption.

## INTEGRATED PEST MANAGEMENT (IPM) PROGRAMS

Ference is recommended for IPM programs on turf. The feeding behavior of predatory beneficial arthropods will aid in extending natural control of other insect and mite pests and will reduce the possibility of secondary pest outbreaks. Ference will reduce the target pest species that may serve as a food source for beneficial arthropods. If Ference is tank-mixed with an insect control product that negatively impacts beneficial arthropods, then the full benefit of Ference to the IPM program may not be realized.

## RESISTANCE MANAGEMENT

Ference is in GROUP 28 of the EPA's Insecticide and Acaricide Groups based on target site of action and may be used in rotational resistance management programs.

Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the labeled dosages fail to suppress the pest population below threshold levels. As 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 Syngenta representative, Cooperative Extension Service specialist or pest control advisor for the latest information on resistance management in your area.

## APPLICATION EQUIPMENT CLEANING

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all application equipment to reduce the risk of forming hardened deposits that might become difficult to remove. Drain application equipment. Thoroughly rinse application equipment and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. DO NOT clean equipment near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

Limitations, Restrictions, and Exceptions

## APPLICATION TIMING

Consult your local Syngenta representative, Cooperative Extension Service specialist or pest control advisor for regionally specific information regarding application timing.

Turf Caterpillars: Ference will provide curative and residual caterpillar control in turfgrass. To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application.

When the area being treated is maintained at a mowing height of greater than one inch, then the higher rate listed may be required during periods of high pest pressure. Ference provides long term residual control of turfgrass-infesting caterpillars and the duration of control increases with the application rate. For golf course green, tee and fairway applications, extend the treatment one boom length around the perimeter of the treated area to minimize subsequent movement of large caterpillars onto the treated area.

Restriction: Do not apply more than 32 fluid ounces of product (equivalent to 0.4 lb of active ingredient) per acre per year.

### Method

[Foliar spray](#)

### Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

- 

### Restricted Entry Interval

4 hours

### Timings

[N.A.](#)