

# **TURFGRASSES - LARVAE OF SUBSURFACE FEEDERS**

## General Information

### FEATURES & USE TIPS

- Broad spectrum product, Allectus controls both subsurface and surface feeding insects in one application.
- For fertilization and general insect control in turfgrass areas including athletic fields and parks and residential, commercial, industrial, institutional, and recreational lawns. Not for use on golf courses or sod farms.
- High uniformity precision blend for accurate spreading and consistent performance.
- Forty percent of total nitrogen is derived from NS-52 slow release nitrogen.

### GENERAL INFORMATION APPLICATION TO TURFGRASS

The use of this product will provide plant nutrients as well as providing control of selected insect pests. This product can be used for the control of soil inhabiting pests of turfgrass, such as northern and southern masked chafers, *Cydocephala boreate*, *C. immacuiata*, and/or *C. iurida*; Asiatic garden beetle, *Maladera castanea*; black vine weevil, *Otiorhynchus sulcatus*, European chafer, *Rhizotrogus majalis*; green June beetle, *Cotinis nitida*; May and June beetles, *Phylliophaga* spp.; Japanese beetle, *Popillia japonica*; oriental beetle, *Anomaia orientata*; *Euethola humata rugiceps*; billbugs, *Sphenophorus* spp.; annual bluegrass weevil, *Hyperodes* spp.; black turfgrass attenuatus, *Ataenius spretulus*; *Aphodius* spp.; European crane fly, *Tipula paludosa*; frit fly, *Qsцинella frit*, chinch bugs, *Blissus* spp.; fire ants, *Solenopsis* spp.; cutworms, *Agrotis ipsilon*, *Peridroma saucia*, *Nephalodes membra* armyworms, *Spodoptera* spp., *Pseudaletia* spp., sod webworm, *Crambus* spp.; and mole crickets, *Scapteriscus* spp. This product can be used as directed on turfgrass in sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, airports cemeteries, parks, playgrounds, and athletic fields.

The active ingredients in this product have sufficient residual activity so that applications for control of subsurface feeders can be made preceding the egg laying activity. The need for an application for control of subsurface feeders can be based

on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control of subsurface feeders will be achieved when applications are made | prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

The active ingredients in this product have sufficient knockdown and residual activity to provide curative and residual control of surface feeding pests. Applications for control of surface feeding pests can be made when infestations are anticipated based on historical monitoring of the site, previous records or experience, current season adult trapping or presence of insects at economic thresholds as determined by scouting and/or recommendations of local State extension personnel or other qualified specialists.

Do not apply more than 200 lb. of this product (0.25 lb. of imidacloprid, 0.2 lb. bifenthrin) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, n on-commercial greenhouses, pre-schools or day care facilities). May be applied at up to 400 lb. of this product (0.5 lb. of imidacloprid, 0.4 lb. bifenthrin) per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Applications should not be made when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. Total amount applied cannot exceed 400 lb. (0.5 lb. of imidacloprid, 0.4 lb. of bifenthrin) per acre per year.

NOTE: Not for use in commercial greenhouses or on grass grown for seed or on golf courses and sod farms. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on lawns and grounds.

#### APPLICATION EQUIPMENT:

Apply this product uniformly over the area being treated with normally used granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders that apply the material in

narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

#### Limitations, Restrictions, and Exceptions

Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.

NOTE: For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. Do not apply more than 400 lb. product (0.5 lb. of imidacloprid active ingredient, 0.4 lb. bifenthrin) per acre per year. Do not apply more than 200 lb. product (0.25 lb. imidacloprid, 0.2 lb. bifenthrin) per acre per application to residential turf. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

#### RESTRICTIONS:

Avoid runoff or puddling of irrigation water following application. Avoid application of this product to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant. Do not apply more than 400 lb. (0.5 lb. of imidacloprid and 0.4 lb. of bifenthrin) per acre per year.

Treated areas may be replanted with any crop specified on an imidacloprid and a bifenthrin label, or with any crop for which a tolerance exists for the two active ingredients.

For crops not listed on any imidacloprid and a bifenthrin label, or for crops for which no tolerances for the active ingredients have been established, a 12-month plant-back interval should be observed.

Do not apply by air.

Not for use in nurseries or commercial greenhouses.

Method

[Broadcast](#)

Rates

[field rates 0](#)

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Timings

[N.A.](#)