

# **APPLICATION TO TURFGRASS - MOLE CRICKETS, CHINCH BUGS**

## General Information

### APPLICATION TO TURFGRASS

The use of this product will provide plant nutrients 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, *Cyclocephala borealis*, *C. immaculata*, and/or *C. lurida*; Asiatic garden beetle, *Maladera castanea*; European chafer, *Rhizotrogus majalis*; Green June beetle, *Cotinus nitida*; May or June beetles, *Phyllophaga* spp.; Japanese beetle, *Popillia japonica*; Oriental beetle, *Anomala orientalis*; sugarcane beetle, *Euethola humulis rugiceps*; billbugs, *Sphenophorus* spp.; annual bluegrass weevil, *Listronotus maculicollis*; Black turfgrass ataenius, *Ataenius spretulus*; Aphodius spp.; crane flies *Tipula* 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, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms.

The active ingredient in this product has sufficient residual so that applications can be made preceding the egg laying activity of the target pests. High levels control can be achieved when applications are made preceding or during the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control 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.

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 into the soil profile.

### APPLICATION TO ORNAMENTALS

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes, as well as on landscaped areas of golf courses and other

recreational areas. This is a systemic product, with the active ingredient being absorbed by the roots and translocated upward within the plant. Optimum control will be achieved when applications are followed by sufficient mechanical incorporation, irrigation or rainfall to place the active ingredient into the soil. Application should be made prior to anticipated pest infestation to achieve optimum levels of control.

Applications of this product cannot exceed a total of 200 lbs. (0.4 lb. of active ingredient) per acre per year.

RESTRICTION: Not for use in commercial greenhouses, or nurseries.

Limitations, Restrictions, and Exceptions

APPLICATION TO TURFGRASS (MOLE CRICKETS, CHINCH BUGS)

NOTE:

For suppression of chinch bugs, make application prior to the hatching of the first instar nymphs. For control of mole crickets make application within one week of the peak egg hatch period. If application is not made prior to egg hatch, and adults or large nymphs are present and actively tunneling, apply this product in combination with a remedial insecticide to minimize damage to turf.

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

USE RESTRICTIONS

- Do not apply to soils which are waterlogged or saturated, which will not allow penetration into the root zone of the plant.
- For optimum control, irrigate if rainfall does not occur within 24 hours after application to move the active ingredient through the thatch.
- On golf courses, irrigate treated areas following application.
- For optimum control, mow turf or lawn area only after irrigation or rainfall has occurred so that uniformity of application will not be affected.
- Avoid runoff or puddling of irrigation water following application.

Method

[Broadcast](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Restricted Entry Interval

12 hours

Timings

[N.A.](#)