For use to control pests, as listed, on golf courses, sodfarms, and lawns, and in landscaped areas and perimeters around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, golf courses, and athletic fields.

DO NOT USE THIS PRODUCT ON GOLF COURSES AND SOD FARMS IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK.

EPA Reg. No. 279-9547        EPA Est. 279-IL-1

Active Ingredients:            By Wt.
Zeta-Cypermethrin*......................... 0.05%
Bifenthrin**............................. 0.20%
Other Ingredients:...................... 99.75%
100.0%

* Cis/trans isomer ratio: Max 75% (±) cis and Min. 25% (±) trans
** Cis isomers 97% minimum; trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See other panels for additional precautionary information.

FIRST AID

If swallowed
• Call poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

If in eyes
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-(800)-331-3148 for Emergency Assistance.

PRECAUTIONARY STATEMENTS

Hazards to Human (and Domestic Animals)
CAUTION
Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards
This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas.
**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage**

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place, preferably in a locked storage area and avoid excess heat. Carefully open containers. After partial use, close tightly.

In case of spill, avoid contact and keep out animals and unprotected persons. Confine spills. Call CHEMTREC (transportation and spills): (800) 424-9300.

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling**

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**Directions for Use**

**Restricted Use Pesticide**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State and Tribe, consult the State/Tribal agency responsible for pesticide regulation.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during rain.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

Also for use as a perimeter or spot treatment to control pests outdoors, including areas surrounding residential, institutional, public, commercial, and industrial buildings.

Do not apply more than 0.25 pound active ingredient per acre (2.3 pounds active ingredient per 1000 square feet) per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, preschools or day-care facilities).

May be applied at up to 0.50 pound active ingredient per acre (4.6 pounds granules per 1000 square feet) per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Do not broadcast apply more than 0.5 pound active ingredient per acre (4.6 pounds granules per 1000 square feet) per year.

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes and socks

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**Non-Agricultural Use Requirements**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

If watering-in of the granules is necessary, do not allow people or pets on treated areas until the grass or soil is dry.

Do not touch treated surface until dry.

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**Grass and Perimeter Applications**

**Lawn Application:** Broadcast Talstar XTRA GC Granular Insecticide with suitable application equipment to ensure uniform coverage over the treatment area.

**Perimeter Application:** Apply to ground area 5 to 10 feet wide around and adjacent to the structure. See table below.

**Boundary Applications:** Apply to soil areas, ornamental gardens, pavement crevices, fence lines, planter areas, vegetation areas and mulch areas.

**Application Rates**

The application rates listed in the following table will provide control of the respective pests under typical conditions.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Pounds Active Ingredient Per Acre</th>
<th>Application Rate</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Talstar XTRA GC Granular Insecticide</td>
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<tr>
<td>annual Bluegrass Weevil (Hyperiodes) (Adult)</td>
<td>0.125 - 0.25 pounds active per acre</td>
<td>100 - 200 pounds per acre</td>
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<tr>
<td>Armyworms</td>
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<td>1.15 - 2.3 pounds per 1000 square feet</td>
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<tr>
<td>Billbugs (Adult)</td>
<td></td>
<td></td>
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<tr>
<td>Black Turfgrass Atanius (Adult)</td>
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<td></td>
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<tr>
<td>Cutworms</td>
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<tr>
<td>Leafhoppers</td>
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<tr>
<td>Mealbugs</td>
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<tr>
<td>Mole Cricket (Adults and Nymphs)</td>
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</tbody>
</table>

**Resistance Management Recommendations.** Talstar XTRA GC Granular Insecticide contains Group 3 Insecticides. Insects with acquired resistance to Group 3 Insecticides may eventually dominate the insect population if Group 3 Insecticides are used repeatedly in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Talstar XTRA GC Granular Insecticide or other Group 3 Insecticides.

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, do make a single repeat application of F6132 GC Granular Insecticide if there are signs of renewed insect activity, but not sooner than two weeks after the first application.
SPECIFIC PEST INSTRUCTIONS

For optimum control of listed pests, follow procedures outlined below:

Armyworms, Cutworms, and Cod Weevrbs: To ensure optimum control, irrigate the treated area with water immediately after application to activate (release from the granule) the insecticide.

Annual Bluegrass Weevil (Hyperodess) adults: Applications should be timed to control adult weevils as they leave their overwintering sites and move to the grass areas. This movement generally begins when Forsythia is in full bloom and concludes when flowering dogwood is in full bloom. You may consult your State Cooperative Extension Service for more specific information regarding application timing.

Billbug Adults: Applications should be made when adult billbugs are first observed during April and May. Degree days models have been developed to optimize application timing. You may consult your State Cooperative Extension Service for information specific to your region. In temperature regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

Black Turfgrass Ataenius adults: Applications should be made during May and July to control the first and second generation of black turfgrass ataenius adults, respectively. The May application should be timed to coincide with the full bloom of Vanehoutte spirea (Spiraea vanhouttei) and horse chestnut (Aesculus hippocastanum). The July application should be timed to coincide with the blooming of Rose of Sharon (Hibiscus syriacus).

Chinch Bugs: Chinch bugs infest the base of grass plants and are often found in the thatch layer. It is recommended to irrigate the treated area with water immediately after application to activate (release from the granule) the insecticide. Chinch bugs can be one of the most difficult pests to control in grasses and the higher applications rates may be required to control populations that contain both nymphs and adults during the summer.

Crane Flies: Treatments should be made to control early to mid-season larvae (approximately August – February) as they feed on plant crowns. Treat new mounds as they appear. Talstar XTRA GC Granular Insecticide per 4 square feet of mound pad. Where existing trans- mounds by applying ¹⁄₂cup of Talstar XTRA GC Granular Insecticide per 1000 square feet. Treat mounds by applying ¹⁄₂cup of Talstar XTRA GC Granular Insecticide per 1000 square feet. Treat three feet out around the mound for best results, apply in cool weather (65 to 80˚F) or in early morning or late evening hours. This treatment will control the mound within four hours and kill the queen within 24 hours of application. Application of at least 125 pounds granules per acre (4.6 pounds granules per 1000 square feet). Treat three feet out around the mound for best results, apply in cool weather (65 to 80˚F) or in early morning or late evening hours. This treatment will control the mound within four hours and kill the queen within 24 hours of application. Application of at least 125 pounds granules per acre (4.6 pounds granules per 1000 square feet). Treat three feet out around the mound for best results, apply in cool weather (65 to 80˚F) or in early morning or late evening hours. This treatment will control the mound within four hours and kill the queen within 24 hours of application. Application of at least 125 pounds granules per acre (4.6 pounds granules per 1000 square feet). Treat three feet out around the mound for best results, apply in cool weather (65 to 80˚F) or in early morning or late evening hours. This treatment will control the mound within four hours and kill the queen within 24 hours of application.
RESISTANCE MANAGEMENT: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

Conditions of Sale and Limitation of Warranty and Liability:

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and, to the extent permitted by applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and, to the extent permitted by applicable law, buyer assumes the risk of any such use.

To the extent permitted by applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIERS OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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