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Hi-Yield® Turf Ranger II Granular 0.5" Z 0 **nsecticide** PRINT

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color

3.00"

19.50"

**FOLD** 

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# Turf Ranger II

**Granular Insecticide** 



FOR RESIDENTIAL LAWNS, LANDSCAPED AREAS, ORNAMENTAL & FLOWER GARDENS AND PERIMETERS

- Use In lawns, flowers, shrubs & ornamental plant beds
- Controls chinch bugs, sod webworms, fleas, ticks, and other lawn pests listed on the back Kills mole crickets
- Starts to work immediately after watering in or irrigating
- Treats up to 10,000 sq. ft. for insect control

Zeta-Cypermethrin*	0.029%
Bifenthrin**	0.115%
OTHER INGREDIENTS:	99.856%
TOTAL:	100.09
* Cis/trans isomer ratio: Max 75% (±) cis and	d Min. 25% (±) <i>trans</i>
** Cis isomers 97% minimum; trans isomers	s 3% maximum.

**KEEP OUT OF REACH OF CHILDREN** 

## **CAUTION**

**See Back Panel For Additional Precautionary Statements.** 

**NET WEIGHT 10 LBS. (4.53 KG)** 

Hi-Yield® Turf Ranger II Granular Insecticide 32422





Product Questions? 855-270-4776 FPA Est. No. 7401-TX-01 FPA Reg No. 279-3636-7401 230 FM 87 • BONHAM, TX 75418 Manufactured For:

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This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written

<u>Resulting From the USE or Handling of This Product, Shall be the return of the Purchase</u> BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY To the extent permitted by applicable law, VPG, Inc. or seller shall not be liable for any incidental, consequential

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

conditions beyond the control of VPG, Inc. or Seller. All such risks shall be assumed by Buyer and User, and, 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 The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks and the purchase price will be refunded. before buying or using this product. If the terms are not acceptable, return the product at once, unopened,

Votice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability Conditions of Sale and Limitation of Warranty and Liability: unused product down any indoor or outdoor drain.

If partly filled: Call your local solid waste agency for disposal instructions. Never place If empty: Place in trash or offer for recycling if available. PESTICIDE DISPOSÁL AND CONTAİNER HANDLING: Nonrefillable container. Do not container. Store away from food and pet food. PESTICIDE STORAGE: Store in a cool, dry area. Always store pesticides in the original Do not contaminate water, food or feed by storage or disposal.

### STORAGE AND DISPOSAL

2 to 4 pounds per 1,000 sq. ft. around and adjacent to the building where pests are active and may find entrance. Treat at a rate of PERIMETER TREATMENT: To help prevent infestation of buildings, evenly apply a 2 foot wide band surrounding areas on nost animals. Do not allow public use of treated areas during application. a month as directed above when pests first appear in late spring (May-June) and continue a regular treatment program until late summer (September-October). Treat the entire area where exposure to ticks may occur, including areas with dense ground cover or heavy leaf litter. Re-treat if ticks are reintroduced from Ticks (including ticks that transmit Lyme disease and Rocky Mountain Spotted fever): Treat once scorpions may use as resting sites prior to treatment. scorpions reside hidden during the day such as in cracks and voids. Remove trash, debris, or firewood that Scorpions: Treat at dusk to prevent outdoor scorpions from entering the building. Treat areas where

nymphs are located near the soil surface. Repeat applications to control larger, more damaging bressure from adult mole crickets in the spring immediately prior to peak egg hatch when young necessary), and thoroughly water in immediately after treatment. Treat grass areas that receive Mole Crickets: Apply as late in the day as possible to moist soil (irrigate before application if treated area immediately after application. Flea larvae: Treat areas where animals frequent and any shady areas nearby. Thoroughly water the European crane fly larvae (Leather jackets): Apply in early April when insects are young.

applications will provide control of over-wintered chinch bugs. A second application may be necessary in 6 Chinch Bugs: Thoroughly water the treated area immediately after application. In temperate regions, spring generation of black turfgrass ataenius adults. Black Turfgrass Ataenius adults: Apply during May and July to control the first and second Billbug adults: Apply when adult billbugs are first observed during April and May. full bloom and concludes when flowering dogwood (Cornus florida) is in full bloom.

overwintering sites and move into grass areas. This movement generally begins when Forsythia is in Annual Bluegrass Weevil (Hyperodes) adults: Time application for when adult weevils leave their damage to lawn, treat entire lawn evenly. application. If Lawn Moths (Sod Webworms Adults) are noticed in large numbers at dusk, or at first sign of Armyworms, Cutworms, and Sod Webworms: Thoroughly water the treated area immediately after food purposes after use with insecticide. For optimum control or for heavily infested areas, combine both

For best results, apply in cool weather (65 to 80°F) or in early morning or late evening hours. Treat new into the ant tunnels, but not sufficient to significantly damage the mound that may lead to relocation. Insecticide per mound. Water with sufficient force to break its apex and allow the insecticide to flow Fire Ant Mounds: Treat ant mounds by applying 1/2 cup of Hi-YIELD® Turf Ranger II Granular tor directions for use for perimeter treatment. around entry points of buildings and the soil surface along the perimeter of the building. See below gently sprinkle water to moisten the treatment area. In addition to treating ant nests or mounds, treat

mounds as they appear. Food utensils such as teaspoons and measuring cups should not be used for

mounds), locate and treat nest first (if possible). Apply 2 tablespoons of product to cover the nest, then Ants: To control ant mounds (excluding fire ant mounds - see specific use directions for fire ant For optimum control of specified pests, follow recommended procedures outlined below: a measured area. Then, adjust spreader setting if necessary to ensure correct rate of application. User should calibrate spreader by accurately weighing a few pounds into spreader and applying to

J.J.	per 1,000 sq.	Spreader S. of product	Spreader	
dl þ	3 lb	2 10	dl ľ	
% Þ	% €	7 ₹		ootts®/Republic Accugreen (Drop)
% €	3	7.7	ļ	Scotts®/Republic Speedy Green (Broadcast)
<b>7</b> L	13	15	ļļ.	erti•lome®/Earthway Ev-N-Spred (Broadcast)

that equipment for the application of **Hi-YIELD® Turf Ranger II Granular Insecticide**. possible. The following table lists application equipment and recommended settings for formulation. Apply with a fertilizer spreader or equivalent equipment as uniformly as

4 lbs per 1,000 ft²	nris (except Carpenter and Pharaoh ants), Bermudagrass Mites, chinch Bugs, Clover Mites, European Chafer, Fleas (larvae & dults), Imported Fire Ants (foraging adults; for mound treatments, for ed directions below), Millipedes, Mole Crickets (including Tawny) Mole Cricket, Southern Mole Cricket, Short-Winged Mole Cricket), Southern Mole Cricket, Short-Winged Mole Cricket), May Beetle, Southern Mole Cricket, Short-Winged Mole Cricket), May Beetle, Southern Mole Cricket, Short-Winged Mole Cricket), Southern Japanese Beetle, Green June Beetle, May Beetle, Southern Japanese Beetle, Green June Beetle, May Beetle, Southern (including Arizona Stripetail Scorpion, Vellow outhern Joseph Sand Scorpion, California Common Scorpion, Morthern Cropion, Eastern Sand Scorpion), Spider Mites, Ticks (including corpion, California Corpion), Spider Mites, Ticks (including corpion, California Corpion), Spider Mites, Ticks (including corpion), Spider Mites, Mites, Ticks (including corpion), Spider Mites,
²ñ 000,f 199 per 1,000 ff²	illbuga (including Bluegrass Billbug, Hunting Billbug), Black urfgrass Ataenius (Adult), Boxelder Bugs, Bristletail, Caterpillars ncluding Lucerne Moth), Chiggers, Earwigs, European Crane ly Larvae, Ground Beetle, Leafhoppers, Mealybugs, Spiders ncluding Brown Recluse Spider, Green Lynx Spider, Marbled ellar Spider, Longbodied Cellar Spider, Shortbodied Cellar Spider, Thinlegged Wolf Spider, Burrowing Wolf Spider, Pirate Wolf Spider, Pirate Wolf Spider, Bustowing Wolf Spider, Pirate Wolf Spider, Beatable Weevils (including Annual Bluegrass Weevils (including Annual Bluegrass Weevils (including Annual Bluegrass Weevils (encluding Annual Bluegrass Weevils), Beatable Weevils),
¹ to 2 lbs per 1,000 ff²	rmyworms (including Lawn Armyworm, Fall Armyworm), Crickets Indies nicuding House Cricket, Common Shorttailed Cricket, Indies hort-tailed Cricket, Arizona Cricket, Tropical Cricket, Variable ield Cricket, Band Eled Cricket, Boring Field Cricket, Band Field Cricket, Western Fipled Cricket, Sand Field Cricket, Western Hiped Cricket, Eastern Striped Cricket, Sand Field Cricket, Vocal ield Cricket, Baring Field Cricket, Sand Field Cricket, Wariegated Cricket, Southern Wood Cricket), Cutworms (including Black utpoorm), Dichondra Flea Beetle, Easter Skipper, Fiery Skipper, Frit Stonschoppers, Greenbug, Ladybeetle, Two-spotted La
Dosage of Product	ests

American Dog Tick, Brown Dog Tick, and ticks that may transmit Lyme Disease), Pillbugs, Sowbugs

Apply this product uniformly to residential lawns, under shrubbery and other ornamental recreational grassy areas. Treat when insects first appear. Immediately after application, water the cation and do not apply more than 17.5 lbs per 1,000 ft² per year. to achieve and/or maintain control during periods of high pest pressure. Repeat application are limited to no more than once per 7 days. Do not to exceed 4 lb per 1,000 ft $^2$  per application the listed application rates to provide excellent control under typical conditions. When treating for multiple pests, apply the higher of the listed rates. Retreatment may be necessary Broadcast Hi-YIELD $^{\otimes}$  Turi Ranger II Granular Insecticide to provide uniform coverage over the treatment area. Locate the pest to be controlled in the following table and follow of renewed insect activity, but not sooner than two weeks after the first application. In New York State, do make a single repeat application of this product if there are signs within 100 feet of a water body (lake, pond, river, steam, wetland, or drainage ditch)) In New York State, this product may NOT be applied to any grass or turt area (lawns Do not apply more than 174 lbs of product (equivalent to 0.2 lbs of active ingredient bifen-thrin) per acre per year for outdoor applications. Do not allow people or pets to enter the treated area until all dusts have settled, water-ing-in is complete, and the treated area has dried. Repeat application is necessary only if there are signs of renewed insect activity. Do not make applications during rain. 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.

lawn thoroughly with half an inch of water. Retreat only as necessary to maintain insect control.

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

areas, ornamental & flower gardens and home perimeters. The dual active ingredients in Hi-YIELD® Turf Ranger II Granular Insecticide have sufficient knockdown and residual

DIRECTIONS FOR USE activity to provide remedial and residual control of surface feeding pests. Please read the following "Directions for Use" carefully and fully before applying this product.

granular insecticide to control listed surface feeding insects in home lawns, landscaped Hi-YIELD® Turf Ranger II Granular Insecticide is designed for use as a ready-to-use 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 predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash tect 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 This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To pro-

### ENVIRONMENTAL HAZARDS

socks, shoes and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. clothing. 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, Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or

HAZARDS TO HUMANS AND DOMESTIC ANIMALS PRECAUTIONARY STATEMENTS

may increase absorption and so should be avoided. should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine **NAISICIAN** 

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. HOTLINE NUMBER

• Do not give anything by mouth to an unconscious person. Do not induce vomitting unless told to do so by the poison control center or doctor. Have person sip a glass of water if able to swallow. If Swallowed

**GIA T2817** 

If in Eyes

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

APPLICATION EQUIPMENT: Hi-YIELD® Turf Ranger II Granular Insecticide is a granular Turf Ranger II Granular Insecticide



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