



**GrowStar**  
for greener, healthier turf

Dec 14, 2012

**TALSTAR**® 0.069%

New York State Department  
of Environmental Conservation  
Division of Materials Management  
Pesticide Product Registration

**Plus Fertilizer**

Classified for

“RESTRICTED USE”

in New York State  
under 6NYCRR Part 326

For use by individuals/firms licensed or registered by the state to apply insecticide products. For use to control ants (including imported fire ants), mole crickets and other listed pests on lawns in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**Active Ingredient:** By Wt.  
Bifenthrin\* .....0.069%  
**Other Ingredients** .....99.931%  
100.000%

\*Cis isomers 97% minimum, trans isomers 3% maximum. U.S. Patent No. 4,238,505

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See other panels for additional precautionary information.

**22-0-6**

**GUARANTEED ANALYSIS**

**Total Nitrogen (N)** .....22.00%  
22.00% Urea Nitrogen\*

**Soluble Potash (K<sub>2</sub>O)** .....6.00%

**Sulfur (S) Total** .....3.00%  
3.00% Free Sulfur(S)

**DERIVED FROM:** Polymer Coated Sulfur Coated Urea, Urea, Muriate of Potash.

**Chlorine (Cl) Max.** .....5.00%

\*9.90% Slowly Available Nitrogen from Polymer Coated Sulfur Coated Urea.

F1612

Made in U.S.A.

FLORIDA APPLICATIONS: For use on golf courses or other athletic turf in FL, we recommend you follow SL 191, "Recommendations for N, P, K and Mg for Golf Course and Athletic Field Fertilization Base on Mehlich I Extractant, available on the internet at <http://edis.ifas.ufl.edu/SS404>.

FLORIDA APPLICATIONS: For commercial application to urban turf or lawns in FL, we recommend you follow the Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries, available on the internet at [http://www.dep.state.fl.us/central/Home/Meetings/Trainings/FLGreen/BMPBook\\_Final.pdf](http://www.dep.state.fl.us/central/Home/Meetings/Trainings/FLGreen/BMPBook_Final.pdf)

**50 lbs. Covers from 7,500 to 15,000 SQ.FT.**

**FIRST AID**

If on Skin  
or clothing

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact PERS at 1-800-633-8253 for emergency assistance.

**NOTE TO PHYSICIAN**

This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

For information regarding the use of this product call: 1-877-220-1014.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

**Caution:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands 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 and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. 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. Do not contaminate water when disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Do not apply more than 580 pounds of Talstar 0.069% Plus Fertilizer per acre per year.

Not for use on golf courses, sod farms, nurseries, commercial greenhouses or grass grown for seed.

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 **Talstar 0.069% Plus Fertilizer** if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

**STORAGE AND DISPOSAL**

**Prohibitions**

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 and avoid excess heat. Carefully open containers. After partial use close tightly. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call PERS (800) 633-8253. 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 Disposal**

Paper and plastic bags: Non-Refillable. 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 by burning. Do not burn unless allowed by state or local authorities. If burned, stay out of smoke.

**LAWN AND PERIMETER APPLICATIONS**

**Perimeter Application:** Apply to lawn area 6 to 10 feet wide around and adjacent to the structure using an application rate of 3.33 to 6.66 pounds per 1,000 square feet.

**Lawn Application:** Broadcast **Talstar 0.069% Plus Fertilizer** with suitable application equipment to ensure uniform coverage over the treatment area. Apply 3.33 to 6.66 pounds per 1,000 square feet to control the following pests.

Annual Blugrass Weevils (Hyperodes)	Fleas
(Adult)	Imported Fire Ants <sup>1,2</sup>
Ants <sup>2</sup>	Leafhoppers
Armyworms	Mealybugs
Billbugs (Adults)	Millipedes <sup>2</sup>
Black Turfgrass Ataenius (Adults)	Mole Crickets <sup>2</sup>
Centipedes <sup>2</sup>	Sod Webworms
Chinch Bugs <sup>2</sup>	Ticks <sup>2</sup>
Cutworms	

**Comments**

<sup>1</sup> **Imported Fire Ants:** Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments (using TalstarOne Multi-Insecticide – EPA Reg. No. 279-3206) that will eliminate existing colonies.

<sup>2</sup> The higher application rate may be required to control Ants, Centipedes, Chinch Bugs, Fleas, Imported Fire Ants, Millipedes, Mole Crickets & Ticks.

Application with rotary or pendulum spreader is recommended for uniform distribution. The use of a drop spreader is not recommended. Consult your spreader manual or spreader manufacturer to determine proper application rates and spreader settings. You may need to adjust the setting depending on the walking speed, spreader condition, and product.

**RECOMMENDED SPREADER SETTINGS**

SPREADER TYPE	Recommended Rates lbs per 1,000 sq ft	
	3.33 lb	6.66 lb
LESCO Rotary Calibration Gauge	#14	#19
Cyclone or Spyker	4	4 3/4

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate:

**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 must should 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 Turf Care Supply Corp. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Turf Care Supply Corp. 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 CONSISTENT WITH APPLICABLE LAW TURF CARE SUPPLY CORP. 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 TURF CARE SUPPLY CORP., and buyer assumes the risk of any such use.**

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Information concerning the raw materials contained in this product can be obtained by writing to: Turf Care Supply Corp. Attn. EHS Dept/ 50 Pearl Road, Suite 200 / Brunswick, Ohio 44212, referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

TALSTAR is a registered trademark of FMC Corporation.

TCS GrowStar® is a registered trademark of Turf Care Supply Corp.

Manufactured By: Turf Care Supply Corp.  
50 Pearl Road, Suite 200  
Brunswick, OH 44212  
(330)-558-0910

**PART #: 900019**

E.P.A. Reg. No. 279-3216-82757

E.P.A. Est. No. 82757-OH-001 (MF)

E.P.A. Est. No. 82757-FL-001 (S)

E.P.A. Est. No. 82757-MA-002 (H)

First letter of lot code indicates manufacturing site.

**Net Weight 50 lbs. (22.67 kg)**

**TurfCare**  
supply corp.