



# TALSTAR® 0.073% Granular Insecticide + Fertilizer

For use by individuals/firms licensed or registered by the State to apply pesticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the Pest Control Regulatory Agency for your State prior to use of the product. For use to control Ants (including imported Fire Ants), Mole Crickets and other Insect pests on lawns.

**Active Ingredient: By Wt.**

Bifenthrin\* ..... 0.073%  
Other Ingredients ..... 99.927%  
100.00%

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

# 0-0-7

## GUARANTEED ANALYSIS

SOLUBLE POTASH (K<sub>2</sub>O) ..... 7.00%

DERIVED FROM: Muriate of Potash.

CHLORINE (Cl) Max ..... 5.25%

**F1595** **Made in U.S.A.**

FLORIDA APPLICATIONS: For use on golf courses or other athletic turf in FL, we recommend you follow SL191, "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/MeetingsTrainings/FLGreen/BMP Book final.pdf>

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**See other panels for additional precautionary information.**

**PRECAUTIONARY STATEMENTS  
Hazards to Humans (and Domestic Animals)  
Caution**

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

## FIRST AID

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15- 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

## 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 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.**

## Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. 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. To protect the environment, do not allow pesticide to enter or runoff 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.

## 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 550 pounds of TCS GrowStar® Talstar® 0.073% Granular Insecticide + Fertilizer per acre per year.

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.

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

## 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.

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 TCS GrowStar® Talstar® 0.073% Granular Insecticide + Fertilizer if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

# # 901316

Net Weight 50 lbs. (22.67 Kg)

50 lbs. Covers from 8,000 to 16,000 sq. ft.





# TALSTAR<sup>®</sup> 0.073% Granular Insecticide + Fertilizer

## LAWN AND PERIMETER APPLICATIONS

**Perimeter Application:** Apply to ground area 6 to 10 feet wide around and adjacent to the structure using an application rate of 3.13 to 6.25 pounds per 1,000 square feet.

**Grass Application:** Broadcast TCS GrowStar<sup>®</sup> Talstar 0.073% Granular Insecticide + Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 3.13 to 6.25 pounds per 1,000 square feet to control the following pests.

Annual Bluegrass Weevils (Hyperodes) Ants <sup>3</sup> Armyworms Billbugs	Black Turfgrass Ataenius Centipedes <sup>3</sup> Chinch Bugs Cutworms Deer Ticks <sup>1,3</sup>	Fleas <sup>3</sup> Imported Fire Ants <sup>2,3</sup> Leafhoppers Mealybugs Millipedes <sup>3</sup>	Mole Crickets <sup>3</sup> Sod Webworms Ticks <sup>3</sup>
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### Comments

<sup>1</sup>Deer Ticks (*Ixodes sp*) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.

<sup>2</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 Talstar GC Flowable) that will eliminate existing colonies.

<sup>3</sup>The higher application rate may be required to control Ants, Centipedes, Fleas, Imported Fire Ants, Millipedes, Mole Crickets & Ticks (including Deer Ticks).

### RECOMMENDED SPREADER SETTINGS

SPREADER	Setting(s)	
	3.13#/1,000 Sq. Ft.	6.25#/1,000 Sq. Ft.
Cyclone	3 ½	4 ½
Lely (HR, 1250, 1500, 2010)	4II	6II
Lely (W)	4II	6II
LESCO (letter dial)/(numeric dial)	F / 12	H / 16
Scotts R8A Rotary	I	L
Vicon (all models)	20	24

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.

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

### 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 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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EPA Reg. No. 279-3223-82757

EPA Est. No. 82757-OH-001 (MF)

EPA Est. No. 82757-FL-001 (S)

EPA Est. No. 82757-MA-002 (H)

First letter of lot number indicates manufacturing site.

**# 901316**

F1595

Manufactured by  
Turf Care Supply Corp.  
722 Webster Turn Drive  
Sebring, FL 33870

**TurfCare**<sup>™</sup>  
supply corp.