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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JAN 23 2001

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Michael C. Zucker  
FMC Corporation  
Agricultural Products Group  
1735 Market Street  
Philadelphia, PA 19103

Dear Mr. Zucker:

Subject: Final Printed Label  
Talstar 0.087 GL Granular Insecticide with Fertilizer  
EPA File Symbol 279-3198  
Your Submission Dated August 9, 1999

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

1. MRID 44638801 is for a 0.2% bifenthrin product and can not be used to support the current 0.087% bifenthrin product. You must either submit or cite appropriate fire ant mound treatment data or remove this pest/site from the label.
2. You must either submit or cite data to support "fleas" on the label per Agency letter dated 7/9/99.
3. Under Lawn and Perimeter Applications, footnote 2, you indicate that this product can be used for fire ant mound treatment. In addition to complying with the condition itemized under 1., you must provide use directions for this application.
4. EPA has issued a PR Notice revising first aid statements (PRN 2001-1). The following are the revised statements that are required for products placed in category III and above. Please incorporate these statements on your labeling:

**IF ON SKIN:** 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.

Also, add the following statement near the first aid statements: "Have the product container or label with you when calling a poison control center or doctor or going for treatment."

EPA recommends that these statements be boxed and bulleted to present the information in a clear, easy-to-read fashion.

- 5. The Data Matrix which was submitted along with the final print labels incorrectly identifies this product as EPA Reg. No. 279-3168. Please submit a corrected copy.

Prior to release of this product for shipment, please submit two (2) copies of the final, printed labeling. A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Linda Werrell Gerber of my team at (703) 308-8033.

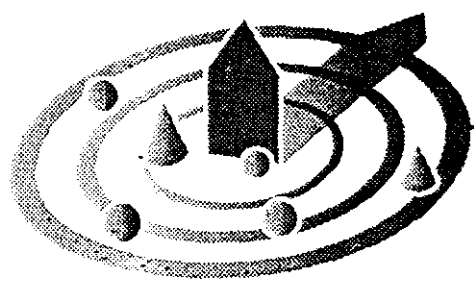
Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

enclosure

# Talstar®

0.087 GL Granular Insecticide  
WITH FERTILIZER



Only for sale to, use, and storage by commercial applicators for use to control Ants (including Imported Fire Ants), Mole Crickets and other Insect pests on lawns.

EPA Reg. No. 279-3198	EPA Est. 279-
Active Ingredient:	By Wt.
Bifenthrin* .....	0.087%
Inert Ingredients .....	99.913%
	100.0%

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

### Guaranteed Analysis 19-0-19

Total Nitrogen (N) .....	19.00%
19.00% Urea Nitrogen*	
Soluble Potash (K <sub>2</sub> O) .....	19.00%
Sulfur (S) Total .....	16.90%
9.90 % Free Sulfur (S)	
7.00 % Combined Sulfur (S)	
Iron (Fe) Total .....	1.00%
0.001 % Soluble Iron (Fe)	

Derived From: Poly Coated Sulfur Coated Urea, Sulfate of Potash, Iron Sulfate.  
Chlorine (Cl) Max. .... 2.00%  
\* 17.10 % Slowly Available Nitrogen from LESCO® Poly Plus® Sulfur Coated Urea.

LESCO and Poly Plus are registered trademarks of LESCO, Inc.

## KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information.

### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

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 Emergency Assistance Call: (800) 331-3148.

### PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Caution  
Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

### 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 seed production purposes.

Do not apply more than 45 lbs of Talstar 0.087 GL Granular Insecticide with Fertilizer per acre per year.

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



FMC Corporation  
Agricultural Products Group  
Philadelphia PA 19103

ACCEPTED  
with COMMENTS  
by EPA Under EPCRA

JAN 23 2001

Accepted for sale as Insecticide,  
Fertilizer, and Insecticide Act  
under the Federal Insecticide,  
Fungicide, and Rodenticide Act, Reg. No.  
279-3198

## 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 FMC: (800) 331-3148.

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: Completely empty bag into application equipment. Then 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.

## Dealers Should Sell in Original Packages Only.

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing, method of application and weather conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

Talstar and **FMC**—FMC Trademarks

(9/14/98)

## 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 5.25 pounds per 1,000 square feet.

**Lawn Application:** Broadcast Talstar® 0.087 GU Granular Insecticide with Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 5.25 pounds per 1,000 square feet to control the following pests.

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

45 lb a.u. / 1,000 sq ft

### 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 that will eliminate existing colonies.

Need mound treatments

various  
4/10/98

