



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

NOV 18 1999

Mike Zucker  
FMC Corporation  
1735 Market Street  
Philadelphia, Pennsylvania 19103

Dear Mr. Zucker:

Subject: Labeling Amendment

Talstar 0.069 GCGU Granular Insecticide with 19-0-19 Fertilizer  
EPA Registration No. 279-3212  
Your submission dated 16 November 1999

The labeling amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the following:

1. Delete "Only for sale to, use and storage by commercial applicators" from the front panel statement. Revise the statement "for use to control Ants..." to read: "For Use to Control Ants (including) Imported Fire Ants) mole crickets and other listed pests on grass in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, golf courses and athletic fields."
2. Delete instructions for perimeter application or change "Apply to ground area..." to "Apply to grass area..."

Submit three (3) copies of the final printed labeling incorporating these changes prior to releasing your product for shipment. A stamped copy is enclosed for your records. Should you have any questions you may contact Leonard Cole at 703.305.5412.

Sincerely,

A handwritten signature in black ink, appearing to read "George T. LaRocca".

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

Enclosure

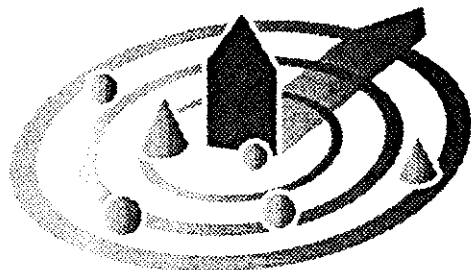
**RESTRICTED USE PESTICIDE**  
 Toxic to Fish and Aquatic Organisms  
 For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

ACCEPTED  
 with COMMENTS  
 EPA Letter Dated:  
 Nov 18 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 279-3212

# Talstar®

0.069 GCGU Granular Insecticide  
 WITH 19-0-19 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 grass (including golf courses).

EPA Reg. No. 279-

EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin*.....	0.069%
Inert Ingredients .....	99.931%
	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)	
<b>Derived From:</b> 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.



FMC Corporation  
 Agricultural Products Group  
 Philadelphia PA 19103

0 069 GCGU - 6.99 gll 3

## 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 intertidal areas below the mean high water mark. Do not apply where 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 commercial seed production or for research purposes.

Do not apply more than 580 pounds of Talstar® 0.069 GCGU Granular Insecticide with 19-0-19 Fertilizer per acre per year.

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

Do not apply by air.

Do not apply within 25 feet of lakes, reservoirs, rivers, periphyton, streams, marshes or natural ponds, estuaries, and commercial fish ponds.

## 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.

## GRASS AND PERIMETER APPLICATIONS (Including Golf Courses)

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

**Grass Application:** Broadcast Talstar® 0.069 GCGU Granular Insecticide with 19-0-19 Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 6.66 pounds per 1,000 square feet to control the following pests.

<b>Annual Bluegrass Weevils (Hyperodes) (Adult)</b>	<b>Fleas</b>
<b>Ants</b>	<b>Imported Fire Ants</b>
<b>Armyworms</b>	<b>Leafhoppers</b>
<b>Billbugs (Adult)</b>	<b>Mealybugs</b>
<b>Black Turfgrass Attenius (Adult)</b>	<b>Millipedes</b>
<b>Centipedes</b>	<b>Mole Crickets</b>
<b>Chinch Bugs</b>	<b>Sod Webworms</b>
<b>Cutworms</b>	<b>Ticks</b>

### Comments

**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.

### 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

(1686-9/14/98)