



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. George Meindl  
FMC Corporation  
APG Specialty Products  
1735 Market Street  
Philadelphia, PA 19103

NOV 29 2000

Dear Mr. Meindl:

Subject: Request to Amend Label - Add Rate Range  
Talstar 0.1% Lawn Granular Insecticide  
EPA Reg. No. 279-3173  
Your Submission Dated September 5, 2000

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable for Mole crickets and the reapplication interval only.

1. The efficacy data submitted under MRID 44891901-08 related to a liquid formulation. EPA Reg. No. 279-3203 is a granular product intended to be used at a 0.1 lb ai/acre rate. Data used to support a liquid formulation can not be cited to support a granular formulation.
2. You are not claiming 6 month residual control, so the data provided by MRID 44021901 is not applicable.
3. Data provided by MRID 44137401-02, although a granular formulation, only supports a 0.2 lb ai/acre rate.
4. Due to the above, ticks, fleas, scorpions and spiders are not supported by the data you cited. Either remove these pests from the label, submit efficacy data based on a granular formulation based on the appropriate label use rate, or cite other pertinent data to support these pests.
5. Delete the front panel claims, "Kills fleas and ticks before they get on your pets. Kills fleas and brown dog ticks before they get on your pets". Claims for indirect or secondary benefits without data are unacceptable.
6. On page 5, delete, "Unlike other fertilizer with insect control" and references to other mixed insect controls. False or misleading comparisons with other pesticides are not acceptable.

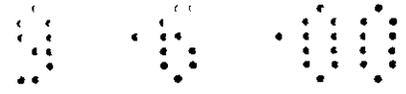
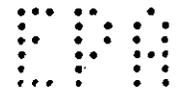
A stamped label is enclosed for your labels. If you have any questions regarding this letter, please contact Linda Werrell Gerber of my team at (703) 308-8033.

Sincerely,

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

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

Enclosure



# TALSTAR®

## 0.1 LAWN GRANULAR INSECTICIDE

For Residential Lawn Use Only

EPA Reg. No. 279-3173

EPA Est. 279-

<b>Active Ingredient:</b>	<b>By Wt.</b>
Bifenthrin* .....	.0.1%
<b>Inert Ingredients</b> .....	<b>99.9%</b>
	<b>100.0%</b>

\*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.

RECEIVED  
 NOV 29 2000  
 FMC  
 279-3173



FMC Corporation  
Agricultural Products Group  
Philadelphia PA 19103

**Net Contents**

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>
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)-331-3148 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 1-800-321-1FMC (1362).	

### PRECAUTIONARY STATEMENTS

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

**Caution**  
Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**Environmental Hazards**  
This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. 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.

**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 replace lids and close tightly.

**In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (800) 331-3148.**

**Pesticide Container Disposal:** Do not reuse empty containers. Wrap container and put in trash.

Talstar® 0.1 Lawn Granular Insecticide is a high-performance product specially designed to be used in very low concentrations and is:

- Virtually Odor-free
- Fast Acting
- Easy-to-Use
- Broad Spectrum
- Kills Insects, Spiders and Ticks
- Not harmful to grasses

Talstar is designed for use as a ready-to-use granular insecticide to control various insects and spiders on lawns. Please read the following "Directions for Use" carefully and fully before applying this product.

**In New York State, this product may NOT be applied to any grass or turf area (lawns) 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 0.1 Lawn Granular Insecticide if there are signs of renewed insect activity, but not sooner than two weeks after the first application.**

**Surface Feeding Lawn Insects**

Use Talstar for the control of ants, including Carpenter, Red Harvester, Pavement, Odorous Pyramid, Argentine, Pharoah (Sugar) and Fire Ants\*, Foraging Fire Ants, Armyworms, Centipedes, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Grasshoppers, Fleas, Millipedes, Scorpions, Sod Webworms (Lawn Moth), Sow Bugs, Spiders, Ticks (including Brown Dog Ticks) and Weevils (including Hyperodes). Uniformly apply 1.2 to 2.4 pounds over a 1,000 sq. ft. area of lawn using any hand or power operated gravity or rotary type spreader designed for the application of granular materials. A 12 pound bag will treat a 5,000

10,000 sq. ft. area of lawn. Best results are obtained if the treated area is thoroughly watered immediately after application. Treat when insects first appear and retreat as necessary. Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per seven days.

\*Aids in control.

**Mole Crickets**

Uniformly apply 2.4 to 4.8 pounds over a 1,000 sq. ft. area of lawn. For best results: treat in late spring, and water the treated area thoroughly immediately after application.

**For Fire Ant Mounds**

To control Fire ants, uniformly apply 1 tablespoon or 3 teaspoons\*\* of Talstar to the surface of each mound. For best results, 1) apply in cool weather, 65 to 80 °F, or in early morning or late evening hours, 2) avoid disturbing ants, 3) treat new mounds as they appear and 4) thoroughly water the treated area immediately after application.

\*\*Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

**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

(1723 - 8/21/96)