



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

SEP 12 2000

Mr. Michael Zucker
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

Subject: Revised Labeling/Notification
Talstar 0.083 GU Granular Insecticide with Fertilizer
EPA Reg. No. 279-3200
Your Submission Dated June 9, 2000

Dear Mr. Zucker:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable, provided you make the labeling changes indicated below prior to release for shipment of the product bearing the amended labeling:

1. Because there are no directions for a "mound treatment" given on the label, you may either remove the second half of footnote 2 on page 2 following "...and newly mated fly-in queens" or you may reference another product which has been approved for imported fire ant mound treatment.
2. Revise the user limitation statement on front panel to read: "For use only by Licensed Pest Control Operators or Commercial Applicators". The current statement is for products labeled for Restricted Use.
3. EPA issued a PR Notice revising first aid statements (PR Notice 2000-3). The following are the revised statements that will be required for products placed in category III and above. You should incorporate the following statements on the label for this product:

"IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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. IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center for treatment advice. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if

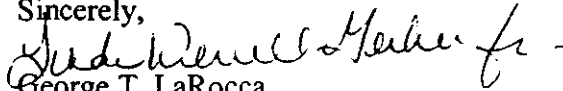
possible. Call a poison control center or doctor for further treatment advice.”

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.

Submit two copies of your final printed labeling before you release this product for shipment. A stamped copy of the labeling 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 Branch
Registration Division

Enclosure

Talstar®

0.083 GU 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. 279-3200 EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin: (2 methyl [1,1'-biphenyl]-3-yl) methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane carboxylate*.....	0.083%
Other Ingredients	99.917%
	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 ₂ 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.

ACCEPTED
NO COMMENTS
Letter Dated:
SEP 12 2000
Insecticide,
Fertilizer Act,
for the pesticide
under EPA Reg. No.
279-3200



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information.

FIRST AID ← 200-3

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 or for research purposes.

Do not apply more than 484 pounds of Talstar 0.083 GU Granular Insecticide with Fertilizer per acre per year.

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 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.

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 5.5 pounds per 1,000 square feet.

Lawn Application: Broadcast Talstar® 0.083 GU Granular Insecticide Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 5.5 pounds per 1,000 square feet to control the following pests.

- Annual Blugrass Weevils (Hyperodes)
- Ants
- Amyworms
- Billbugs
- Black Turfgrass Ataenius
- Centipedes
- Chinch Bugs
- Cutworms

- Fleas
- Imported Fire Ants¹
- Leafhoppers
- Mealybugs
- Millipedes
- Mole Crickets
- Sod Webworms
- Ticks

add need to support

Comments

¹Imported 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.

→ see dust...

RECOMMENDED SPREADER SETTINGS

Note: Following will be a list of application spreaders and appropriate settings. This list will vary depending on market of spreaders. (This note will not appear on final printed label).

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.

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

(0.083-9/14/98)

Revisions:

1. Addition of spreader setting text.