

PM 13 279-3130

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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300,544,471
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JUL 12 1993

Mr. Frank E. Sobotka, Manager
Product Development and Regulatory
FMC Corporation
Agricultural Chemical Group
1735 Market Street
Philadelphia, Pennsylvania 19103

Dear Mr. Sobotka:

Subject: **TALSTAR T & O Granular Insecticide**
EPA Registration Number 279-3130
Reduce Use Rate Based on a Tiered Certification Period
Your Application Dated July 6, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is accepted. A stamped copy of the labeling is enclosed for your record.

Please note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure:

CONCURRENCES

SYMBOL								
SURNAME	GH							
DATE	7.12.93							



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Code 1324

Net Contents



GRANULAR INSECTICIDE
For Agricultural or Commercial Use Only

For Use as a Quarantine Treatment Against Imported Fire Ants and for Balled and Containerized Nursery Stocks

EPA Reg. No. 279-3130

EPA Est. 279-IL-1

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*	0.2%
Inert Ingredients	99.8%
	<hr/> 100.0%

*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.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 12 1993

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

279-3130



FMC Corporation
Agricultural Chemical Group
Philadelphia, PA 19103

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STATEMENT OF PRACTICAL TREATMENT

If on skin: Wash with plenty of soap and water. Get medical attention.

Note to Physician:

This product is a pyrethroid. If large amounts have been ingested, the 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. 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, 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This treatment must be used in accordance with USDA guidelines for the Imported Fire Ant-Free Nursery Program

STORAGE AND 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. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

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: If liquid, dike surrounding area or absorb with sand, cat litter, or commercial clay. If dry material 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
Plastic Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or incinerator, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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.

Returnable/Refillable Container: Do not rinse container. Return empty container to point of purchase.



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TALSTAR® T&O GRANULAR INSECTICIDE

Potting media used in containerized plantings of ornamental trees, shrubs, plants, flowers, conifers, Christmas trees, and non-bearing fruit and nut trees and bushes.

Pest	USDA IFA Certification Period (mo)	Rate (ppm)	Potting Media Bulk Density* (Lbs. Per Cubic Yard)					Comments**
			200	300	400	500	600	
Imported Fire Ant	0 - 6	10	1.0	1.5	2.0	2.5	3.0	Incorporate appropriate amount of Talstar T&O Granular in one cubic yard of potting media based on the known bulk density.
	7 - 12	12	1.2	1.8	2.4	3.0	3.6	
	13 - 24	15	1.5	2.25	3.0	3.75	4.5	
	Continuous	25	2.5	3.75	5.0	6.25	7.5	

*lbs. of Talstar® T&O Granular per cubic yard = $\frac{\text{Bulk Density of Potting Media} \times \text{ppm}}{2000}$

(Bulk Density = Laboratory determined dry weight of a unit volume of potting media)

**Thoroughly mix appropriate quantity of Talstar T&O Granular with equipment suitable to give uniform distribution. Talstar T&O Granular may be pre-mixed with an appropriate amount of sand (1:10) to ensure adequate distribution of the product in the mix

PEST BY-CLASSIFICATION

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.

