

PM 03

279-3130

2-12-99

1045

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
 Other

OPP Identifier Number  
263104

Application for Pesticide - Section I

1. Company/Product Number <b>279-3130</b>	2. EPA Product Manager <b>G.T. LAROCCHA</b>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>TALSTAR NURSERY GRANULAR INSECTICIDE</b>	PM# <b>03</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>FMC CORPORATION AGRICULTURAL PRODUCTS GROUP 1735 MARKET STREET PHILADELPHIA, PA 19103</b> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> <b>FEB 12 1999</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

*NOTIFICATION OF ADDING PESTS PER PR NOTICE 98-10.*

Section - III

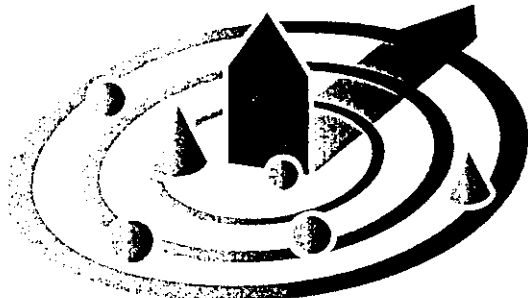
1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt.      No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt      No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>MICHAEL C. ZUCKER</b>	Title <b>REGISTRATION + LABEL SPECIALIST</b>	Telephone No. (Include Area Code) <b>(215) 299-5876</b>
2. Signature <i>Michael C. Zucker</i>		6. Date Application Received Received (Stamped)
3. Title <b>REGISTRATION + LABEL SPECIALIST</b>		
4. Typed Name <b>MICHAEL C. ZUCKER</b>	5. Date <b>2/15/99</b>	

# Talstar®

## Nursery 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-

Active Ingredient:	By Wt.
Bifenthrin* .....	0.2%
Other .....	99.8%
	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.



FMC Corporation  
Agricultural Products Group  
Philadelphia PA 19103

**NOTIFICATION**

**FEB 12 1999**

### FIRST AID

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF INHALED:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician 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.

#### Personal Protective Equipment:

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Waterproof gloves
- Shoes and socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations:

##### Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### 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 runoff 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes and socks

### STORAGE AND DISPOSAL

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.

### ORNAMENTAL USE

(For soil incorporation into potting media used in containerized plantings of ornamental trees, shrubs, plants, flowers, conifers, Christmas trees, and non-bearing fruit and nut trees, and bushes.)

**Application Instructions for Potting Media:** Determine bulk density of the potting media by measuring the dry weight of a unit volume of the mix. Based on the length of control required, thoroughly mix the appropriate quantity of the Talstar® Granular insecticide with equipment suitable to give uniform distribution in the potting media. Talstar Granular insecticide may be pre-mixed with an appropriate amount of sand (1:10) to ensure adequate distribution of the product of the mix.

Talstar Granular insecticide is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines. Use the recommended application rates given in the table below to determine the length of control required for certification.

Pest	USDA IFA Certification Period (mo)	App. Rate (ppm)	Potting Media Bulk Density* (lbs. Talstar Granular insecticide Per Cubic Yard)				
			200	300	400	500	600
Imported Fire Ant	0-6	10	1.0	1.5	2.0	2.5	3.0
	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

**Comments:** Incorporate appropriate amount of Talstar Granular insecticide in one cubic yard of potting media based on the known bulk density.

### For General Use On Ornamental Plants outside the scope of USDA guidelines

For Fungus Gnat larvae & Mealybugs use 5 to 10 ppm. For Black Vine Weevil larvae, Root Weevil larvae, White Grubs (including Japanese Beetle, oriental beetle and European chafer larvae) & Imported Fire Ants use 10 to 25 ppm. Use the higher rates for extended residual control.

Pest	App. Rate (ppm)	Potting Media Bulk Density* (lbs. Talstar Granular insecticide Per Cubic Yard)				
		200	300	400	500	600
Fungus Gnat larvae	5	0.5	0.75	1.0	1.25	1.5
Mealybugs	10	1.0	1.5	2.0	2.5	3.0
Black Vine Weevil	10	1.0	1.5	2.0	2.5	3.0
Root Weevil larvae	15	1.5	2.25	3.0	3.75	4.5
White Grubs	25	2.5	3.75	5.0	6.25	7.5
Imported Fire Ants	25	2.5	3.75	5.0	6.25	7.5

**Comments:** Incorporate appropriate amount of Talstar Granular insecticide in one cubic yard of potting media based on the known bulk density.

\*lbs. of Talstar Granular insecticide 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.)

### 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 sale practice.

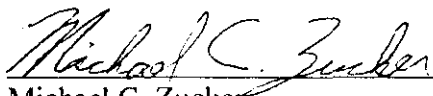
**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

Talstar and FMC—FMC Trademarks

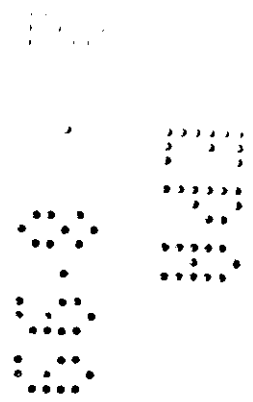
(1684 - 12/6/96)

**CERTIFICATION STATEMENT**

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

  
\_\_\_\_\_  
Michael C. Zucker  
Registration & Label Specialist  
APG Specialty Products Business  
FMC Corporation

Date: 2/5/99



**FMC Corporation**

APG Specialty Products  
1735 Market Street  
Philadelphia, Pennsylvania 19103  
1-800-321-1362



February 5, 1999

George T. LaRocca (PM-13)  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Dear Mr. LaRocca:

Subject: Talstar<sup>®</sup> Nursery Granular Insecticide  
EPA Reg. No. 279-3130

Notification per PR Notice 98-10

FMC is submitting revised labeling for the subject product to clarify a pest in the section titled "For General Use On Ornamental Plants outside the scope of USDA guidelines". FMC has chosen to revise "White Grubs" to read "White Grubs (including Japanese Beetle, Oriental Beetle and European chafer larvae)".

FMC is submitting this notification of revised labeling according to PR Notice 98-10, section II Labeling Notifications; part B Adding or Deleting Pests and 40 CFR 152.46.

To complete this notification, enclosed please find the following:

- Application for Pesticide (EPA Form 8570-1)
- Final Print labeling with changes clearly marked.
- PR Notice 98-10 certification statement.

I trust this information will assist the Agency in its effort to process this notification of the subject product. If you have any questions concerning this matter, please feel free to contact me at (215) 299-5876 or e-mail at [mike\\_zucker@fmc.com](mailto:mike_zucker@fmc.com).

Sincerely,

*Michael C. Zucker*  
Michael C. Zucker  
Registration & Label Specialist  
APG Specialty Products Business

