

279-3173

8-9-2002

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <b>289589</b>
	<b>Application for Pesticide - Section I</b>		

1. Company/Product Number <b>279-3173</b>	2. EPA Product Manager <b>G.T. LaROCCA</b>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>TALSTAR® 0.1 LAWN GRANULAR INSECTICIDE</b>	PM# <b>13</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 _____	

<b>Section - II</b>		<b>NOTIFICATION</b>
<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>AUG 9 - 2002</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 PER PA NOTICE 98-10*

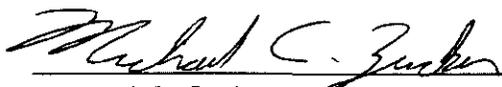
<b>Section - III</b>			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt.      No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt              No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
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"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 _____			

<b>Section - IV</b>		
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>SENIOR REGISTRATION + LABEL SPECIALIST</b>	Telephone No. (Include Area Code) <b>(215) 299-5876</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Michael C. Zucker</i>	3. Title <b>SENIOR REGISTRATION + LABEL SPECIALIST</b>	
4. Typed Name <b>MICHAEL C. ZUCKER</b>	5. Date <b>8/2/02</b>	

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**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  
Senior Registration & Label Specialist  
APG Specialty Products Business  
FMC Corporation

**NOTIFICATION**  
AUG 9 - 2002

Date: 8/2/02



**0.1 LAWN GRANULAR INSECTICIDE**

For Residential Lawn, Home Perimeter, Ornamental & Flower Gardens Use Only

EPA Reg. No. 279-3173

EPA Est. 279-

<b>Active Ingredient:</b>	<b>By Wt.</b>
Bifenthrin* .....	.01%
<b>Inert Ingredients</b> .....	<u>99.9%</u>
	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.  
or  
See additional precautionary statements on back of bag.  
or  
See (back panel booklet, back panel) for additional precautionary statements.

**[Satisfaction Guaranteed or Your Money  
Back]**



FMC Corporation  
Agricultural Products Group  
Philadelphia PA 19103

**Net Contents**

**NOTIFICATION  
AUG 9 - 2002**

**[Insert photo/illustration]**

<b>FIRST AID [ICON]</b>	
<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>
<b>HOTLINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
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 [ICON]  
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 [ICON]**  
**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. For bags after partial use, reseal open bag by folding top down and securing

**In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (300) 331-3148.**

**Pesticide Container Disposal:**  
**If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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Talstar® 0.1 Lawn Granular Insecticide is a high-performance product and is:

- Virtually Odor-free
- Fast Acting
- Easy-to-Use
- Broad Spectrum
- Kills Ants, Fleas, Spiders, Ticks & Other Insects
- Not harmful to grasses
- For use on lawns, home perimeter, ornamental & flower gardens.
- For Outdoor Multi-insect control.
- Kills Lawn & Garden pests/insects/bugs.
- Kills/controls pests/insects/bugs in lawns & landscapes.

Talstar is designed for use as a ready-to-use granular insecticide to control various insects and spiders on lawns, home perimeter, ornamental & flower gardens. 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.**

**LAWN, HOME PERIMETER, ORNAMENTAL & FLOWER GARDENS**  
**Surface Feeding Insects**

Use Talstar for the control of ants, including Carpenter, Red Harvester, Odorous Pyramid, Pharoah (Sugar) and Fire Ants\*, Foraging Fire Ants, Armyworms (including Fall Armyworms), Billbug (including Bluegrass Billbug), Chiggers, Chinch Bugs, Crickets, Cutworms (including Black Cutworms), Earwigs, Grasshoppers, Mealybugs, Sod Webworms (Lawn Moth), and Weevils (including Hyperodes and Bluegrass). Uniformly apply 1.2 to 2.4 pounds over a 1,000 sq. ft. area by 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 to 10,000 sq. ft. area. 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.

**Argentine Ants, Black Turf Ants, Black Turfgrass Ataenius, Fleas(including Cat Fleas), Leafhoppers, Spiders (including Brown Recluse spiders) and Ticks (including Brown Dog Ticks)**

Uniformly apply 2.4 pounds over a 1,000 sq.ft. area. Best results are obtained if the treated area is thoroughly watered immediately after application.

**Centipedes, Millipedes, Pavement Ants**

Uniformly apply 4.8 pounds over a 1,000 sq.ft. area. Best results are obtained if the treated area is thoroughly watered immediately after application.

**Mole Crickets (including Tawny Mole Crickets)**

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

**For Scorpions and Sowbugs/Pillbugs**

Uniformly apply 9.6 pounds over a 1,000 sq.ft. area. Best results are obtained if the treated area is thoroughly watered 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 - 5/23/02)

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**OPTION I. Directions for Use for the ORTHO Group of The Scotts Company**

[Optional text]

**Talstar 0.1 Lawn Granular Insecticides Granules** is a high-performance product specially designed to be used in very low concentrations, and is:

- [Virtually Odor-free]
- [Fast Acting]
- [Easy-To-Use]
- [Not harmful to grasses]
- For use on lawns, ornamentals, home perimeter, and flower gardens.
- For Outdoor Multi-insect control.
- Kills/controls pests/insects/bugs in lawns & landscapes.
- Kills Ants, Fleas, Ticks and other pests/insects/bugs.
- Controls/kills lawn-destroying/lawn-invading pests/insects/bugs.
- Covers/Treats up to 8,300 sq ft per 10 lbs.
- Covers up to 16,600 sq ft per 20 lbs.
- Covers up to 5,000 sq ft per 6 lbs.
- Creates a pest/insect/bug barrier around your home.
- Exceptional Value!
- Kills Chinch Bugs, Mole Crickets and Cutworms, plus other listed insects.
- Kills surface and sub-surface pests/insects/bugs that ruin your lawn.
- Ready-to-use.
- Easy to spread.
- Soil-penetrating formula reaches deep below ground.
- Deep-reaching formula that kills lawn-destroying insects.
- Provides a barrier of protection around your home.
- Guaranteed to work or your money back.
- Satisfaction Guaranteed
- The smart solutions to pest/insect/bug problems.
- Solves your pest/insect/bug problems fast.
- Also kills Scorpions.
- Outdoor use only (Icon)

**DIRECTIONS FOR USE**

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

Do apply when insect activity or damage is first observed in the lawn (lawn thins and turns brown or moths fly from the grass when you mow). Don't treat just the browned area of lawn. To prevent further damage, treat entire lawn.

Retreat as necessary. Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to not more than once per seven days.

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 this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Product Facts	
Surface Feeding Lawn Insects	Use <b>Talstar 0.1 Lawn Granular Insecticide</b> for the control of: Ants (including Argentine, Black Turf, Carpenter, Red Harvester, Odorous, Pyramid, Pharaoh), Armyworms (including Fall Armyworms), Billbugs (including Bluegrass Billbugs), Black Turfgrass Ataenius, Chinchbugs, Crickets, Cutworms (including Black Cutworms), Earwigs, Fleas (including Cat Fleas), Grasshoppers, Leafhoppers, Mealybugs, Sod Webworms (Lawn Moth) and Weevils (including Hyperodes and Bluegrass).
How To Use	<p><b>Insects (Listed above):</b></p> <ul style="list-style-type: none"> <li>• Uniformly apply 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.</li> <li>• A 10 pound bag will treat up to 4,167 sq.ft. area of lawn.</li> <li>• A XX pound bag will treat up to XXX sq.ft. area of lawn.</li> <li>• Best results are obtained if the treated area is thoroughly watered immediately after application.</li> </ul> <p><b>Centipedes, Millipedes, Pavement Ants:</b></p> <ul style="list-style-type: none"> <li>• Uniformly apply 4.8 pounds over a 1,000 sq.ft. area of lawn. Bests results are obtained if the treated area is thoroughly watered immediately after application.</li> </ul> <p><b>For Mole Crickets(Including Tawny Mole Crickets):</b></p> <ul style="list-style-type: none"> <li>• Uniformly apply 2.4 pounds over a 1,000 sq.ft. area of lawn. For best results, treat in late spring and water thoroughly immediately after application</li> </ul> <p><b>For Scorpions and Sowbugs/Pillbugs</b></p> <ul style="list-style-type: none"> <li>• Uniformly apply 9.6 pounds over a 1,000 sq.ft. area of lawn. Bests results are obtained if the treated area is thoroughly watered immediately after application.</li> </ul> <p><b>For Fire Ant Mounds:</b></p> <ul style="list-style-type: none"> <li>• Uniformly apply 1 tablespoon or 3 teaspoons** of granules to the surface of each mound. For best results: 1) apply in cool weather, 65 to 80° F, in early morning or late evening hours, 2) Avoid disturbing ants, 3) treat new mounds as they appear, 4) thoroughly water the treated area after application.</li> </ul>

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

**Ornamental Flower Beds (Outdoors)**

**Pests Controlled:** Ants, crickets, earwigs, grasshoppers, spiders and ticks

**How to Apply:** Evenly apply 1.2 lb of product for every 500 sq ft area. Repeat application as necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per seven days.

**Home Invading Insects: Barrier Treatment Around House Foundation (Outdoors)**

**Pests Controlled:** Ants, chiggers, crickets, earwigs, grasshoppers, spiders and ticks

**How to Apply:** Evenly apply a 2 foot band of granules next to the house foundation. Use 1.2 lb for each 500 sq ft (2 ft X 250 ft). If necessary, repeat applications every 2 weeks only if there are signs of renewed insect activity.

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Spreader Tips		
For best results, use a Scotts® spreader		
Spreader	Spreader Settings covers x,xxx sq. ft.	Directions
Scotts Drop Spreaders	?	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts Easy Green® Rotary	??	Slide shut-off lever to the right; application automatically starts and stops when you do. For complete coverage make each pass about 30 inches from the previous one so some overlapping occurs.
Scotts SpeedyGreen® Rotary	?	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs. Avoid applying this product on flower, vegetable and shrub plantings.

**(Bag Size specific)**

Spreader Tips					
For best results, use a Scotts® spreader					
Spreader	Spreader Settings Pounds of Product per 500/1,000 sq. ft.				Directions
	0.6/1.2	1.2/2.4	2.4/4.8	4.8/9.6	
Scotts AccuGreen® Drop Spreader	3¼	4½	6	7¾	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts SpeedyGreen® Rotary	2	2¾	4½	7	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs. Avoid applying this product on flower, vegetable and shrub plantings.

**OPTION I. (The Ortho Group)**

**Notice:** Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

[Phone Icon] **Questions, Comments or Medical Information call 1-800-225-2883** [www.ortho.com](http://www.ortho.com)

The ORTHO Guarantee  
 If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.

-----End of Option I-----

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**FMC Corporation**

Agricultural Products Group  
1735 Market Street  
Philadelphia Pennsylvania 19103  
215 299 6000

August 2, 2002



Ms. Sherada Hobgood  
U.S. Environmental Protection Agency  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (H7504C)  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Dear Ms. Hobgood:

Subject: Talstar® 0.1 Lawn Granular Insecticide  
EPA Reg. No. 279-3173

Notification per PR Notice 98-10

FMC is interested in revising labeling for the subject product. FMC believes that the changes are in full compliance with PR Notice 98-10, Section II Labeling Notifications; part N Other Notifications.

The following changes have been made to "Option I. Directions for Use for the ORTHO Group of The Scotts Company - [Optional Text]" on page 3.

- Change the statement "Covers up to 8,300 sq.ft. per 10 lbs." to read "Covers/Treats up to 8,300 sq.ft. per 10 lbs."
- Change the statement "Kills Chinch Bugs, Mole Crickets and Cutworms." to read "Kills Chinch Bugs, Mole Crickets and Cutworms, plus other listed insects."
- An "Outdoor Use Only" icon has been added.

To support this notification, enclosed please find the following:

- Application for Pesticide (EPA Form 8570-1)
- PR Notice 98-10 Certification Statement
- Talstar 0.1 Lawn Granular Insecticide revised label with changes highlighted (1 copy).

To expedite this request, I have supplied a postage-paid self-addressed postcard for the Agency to acknowledge this notification. If you have any questions, 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  
Senior Registration & Label Specialist  
APG Specialty Products Business