


Reg # 45639-151

PM-19

195

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number  161187
	Application for Pesticide:		

## Section I

1. Company/Product Number 45639-151	2. EPA Product Manager Dennis Edwards	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) TURCAM FERTILIZER GC	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) NOR-AM Chemical Company Little Falls Centre One 2711 Centerville Road Wilmington, DE 19808  <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 _____
<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: Compliance with PR-Notice 93-3


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**NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 93-3**  
DATE 7/1/93

## 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	<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," Unit Package wgt. No. per container If "Yes," Package wgt. No. per container					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of 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 (_____)					

## Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Richard R. Stevens		Title Registration Project Manager		Telephone No. (Include Area Code) 302-892-3039	
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 		3. Title Registration Project Manager			
4. Typed Name Richard R. Stevens		5. Date June 3, 1993			

# SPECIMEN LABEL

295

## RESTRICTED USE PESTICIDE

Due to Aquatic and Avian Toxicity  
For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

NOTIFICATION  
LABEL NOT REVIEWED  
PER FIFD NOTICE 88-4

DATE

7/1/93

# Turcam Fertilizer GC

## INSECTICIDE ON FERTILIZER

For Use on Turf and Ornamental Trees and Shrubs

Do Not Use on Food Crops

### ACTIVE INGREDIENT:

Bendiocarb, (2,2-dimethyl-1,3-benzoxadiazol-4-yl)methyl carbamate\*

### INERT INGREDIENTS:

By Weight

2.5%

97.5%

TOTAL

100.0%

\*Protected by U.S. Patent No. 3,736,639

EPA Reg. No. 45639-151

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 to 2 glasses of water and induce vomiting by taking 1 to 2 teaspoons of ipecac. Repeat until vomitus is clear. Call physician or Poison Control Center. Do not take any other medicine until you are advised to do so by your physician. Get medical attention.

IF INHALED: Remove person to fresh air. Apply artificial respiration if needed.

IF ON SKIN: Remove clothing. Wash skin with plenty of water. Wash contaminated clothing with soap and water. Do not reuse clothing.

IF IN EYES: Flush with plenty of water for 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Bendiocarb is a carbamate insecticide. It is highly toxic to aquatic life and birds. It is also toxic to humans. It is a restricted use pesticide.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY INFORMATION

**NOR-AM**

NOR-AM CHEMICAL COMPANY

REG. U.S. PAT. & TM. OFF.  
EPA REG. NO. 45639-151  
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NET CONTENTS:

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# **PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if swallowed. Do not take internally. Do not breathe dust. Avoid contact with skin, eyes, or clothing. May be absorbed through the skin. Wear long sleeves. Change clothing daily. Wash hands thoroughly after handling. Keep children and pets off treated area during irrigation and until area has dried. Avoid contamination of feed and foodstuffs.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. ~~Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.~~ Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of waste. Collect, cover or incorporate granules spilled on soil surface.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**IMPORTANT:** Read the entire Directions for Use and Disclaimer of Warranties before using this product.

**IN CASE OF FIRE, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.**

## **DIRECTIONS FOR USE**

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

Store this product in its original, closed container in a dry, locked area away from children and domestic animals. Do not reuse empty container.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

**GENERAL INFORMATION:** TURCAM® FERTILIZER GC is a broad spectrum residual insecticide for the control of certain insects on ornamental trees, shrubs, and turf.

Do not apply more than 240 lbs. of TURCAM FERTILIZER GC per acre per year. Spring applications must not exceed 120 lbs. of TURCAM FERTILIZER GC per acre.

**ENDANGERED SPECIES RESTRICTIONS:** The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal laws. The use of this product on golf courses and sod farms in San Bernardino County, California and on the islands of Hawaii and Maui is prohibited.

## **ORNAMENTAL TREES, SHRUBS, AND TURF**

**RECOMMENDATIONS:** Use TURCAM FERTILIZER GC to control specified pests of ornamental turf and of the following nonedible ornamental trees and shrubs: Abies, Acer, Arborvitae, Azalea, Barberry, Birch, Boxwood, Brassaia, Camellia, Cedar, Cephalotaxus, Cercis, Cherry, Cornus, Cotoneaster, Crataegus, Crape Myrtle, Euonymus, Fatsia, Ficus, Fountain grass, Flowering almond, Flowering crabapple, Gardenia, Hemlock, Hydrangea, Ilex, Ixora, Japanese yew, Juniper, Ligustrum, Lilac, Loquat, Mahonia, Mimosa, Mock Orange, Nandina, Oleander, Pachysandra, Photinia, Picea, Pieris, Pine, Poinsettia, Pomegranate,

Poplar, Prunus spp., Pseudotsuga, Pyracantha, Pyrus, Rhododendron, Rose, Sage palm, Schefflera, Spirea, Sycamore, Taxus, Thuja, Tsuga, Viburnum, Weigela, Yaupon.

Apply TURCAM FERTILIZER GC to give complete and uniform coverage of the pest-infested areas. Applications should be made using the rates shown below:

Pest	Dosage of Product	Application Procedure
White grubs of: Japanese beetle, Black turf grass Aeneides, European chalcid, Northern masked chalcid, Green June beetle, Annual white grub (Cyclotaphus irroratus) Male crickets	80 to 120 lbs per acre (1.8 to 2.8 lbs per 1000 sq ft)	Apply when pests become evident. Control of grubs is best when they are still small; therefore, late summer treatments are preferable to spring.  Apply uniformly to ensure coverage. In order to improve efficacy, irrigate as soon as possible with 1/4-1/2 inches of water.
Chinch bugs, Leafhoppers, Sod webworms, Ants, Brown dog ticks, Centipedes, Crickets, Earwigs, Firebrats, Fleas, Ground beetles, Millipedes, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders	40 to 80 lbs. per acre (0.8 to 1.8 lbs. per 1,000 sq. ft.)	Apply when pests are evident. Use adequate quantity of water to thoroughly moisten grass and thatch.

Allow 10 days between applications of TURCAM FERTILIZER GC.

## **LANDSCAPE PLANT RECOMMENDATIONS:**

Use TURCAM FERTILIZER GC to control specified pests of nonedible ornamental landscape plants including, but not limited to: Ageratum, Azarina, Begonia, Calendula, Celosia, Chrysanthemum, Coleus, Daffodil, Dahlia, Dianthus, Ferns, Fuchsia, Gazania, Geranium, Holly, Hypoestes, Impatiens, Iris, Ivy, Kalandra, Lily of the Valley, Marigold, Nasturtium, Nicotiana, Pansy, Petunia, Portulaca, Salvia, Shasta daisy, Snapdragon, Verbena, Vinca, and Zinnia.

Apply TURCAM FERTILIZER GC to give complete and uniform coverage of the pest-infested areas. Applications should be made using the rates in the above table and applied below or around the landscaped area.

## **PLANT SAFETY**

TURCAM FERTILIZER GC has demonstrated excellent plant safety; however, all species and varieties have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe prior to full scale application.

## **FERTILIZER ANALYSIS**

Total Nitrogen (N) ..... 18%  
Phosphorus (P) ..... 5%  
Potash (K) ..... 7%  
Fertilizer guarantee will vary as customer needs vary. All fertilizer ingredients will meet current guidelines for inert ingredients.

**APPLICATION EQUIPMENT:** TURCAM FERTILIZER GC is a granular formulation. Apply with a fertilizer spreader or equivalent equipment as uniformly as possible.

The following table lists application equipment and recommended settings for that equipment for the application of TURCAM FERTILIZER GC:

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# RECOMMENDED SETTINGS

Spreader Model	Pounds of Product per Acre	Once Over	Twice Over	Swath Width
SPYKER (Rotary)	80	3.9	3.4	6 ft.
LESCO (Rotary)	80	D½	—	8 ft.
CYCLONE (B-1, 30, 96)	80	4.0	—	—
PRIZELAWN-CBR	80 120	4.5 5.0	— —	Same as spreader width
GANDY DROP	80 120	30 34	— —	30 inches 30 inches
SCOTT DROP	80 120	6¾ 8	— —	21 inches 21 inches
SCOTT R-7x	80 120	F-½ H-½	— —	9 ft. 9 ft.
SCOTT R-8A	80 120	L M-½	— —	10 ft. 10 ft.
VICON or LESCO Pendulum	80	18	—	15 ft. at 5 mph
LELY HR spreader assembly setting #3	120	4 (right discharge gate opening ¾")	—	23 ft. with a PTO speed of 510 and RPM 1700 at 5 mph

**IMPORTANT:** Please note that these settings are approximate as the condition of each piece of equipment can affect actual rates of application. Settings should be made after a calibration check is completed.



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595

**IMPORTANT: READ BEFORE USE**

By using this product, user accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

**LIMITATIONS OF LIABILITY:** In no event shall NOR-AM Chemical Company's liability for damages arising out of the use of this product exceed the purchase price of the product used.

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