


Reg # 45639-139

PM-19

133

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  161163
	Application for Pesticide:		

## Section I

1. Company/Product Number 45639-139	2. EPA Product Manager Dennis Edwards	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BENDIOCARB 1-1/2G	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:			
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	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) _____
* 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) 302-892-3834

## 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.

2. Signature 	3. Title Registration Project Manager	6. Date Application Received (Stamped)
4. Typed Name Richard R. Stevens	5. Date June 3, 1993	

NOTIFICATION  
LABEL NOT RECALLED  
PER PN NOTICE 88-4  
DATE 7/1/93

# Bendiocarb 1½G

## GRANULAR INSECTICIDE

For Use on Home Lawns and Other Ornamental Turf  
DO NOT USE on Food Crops, Golf Courses or Sod Farms

### ACTIVE INGREDIENT:

Bendiocarb (2,2-dimethyl-1,3-benzodioxol-4-yl methylcarbamate\*)

### By Weight

### INERT INGREDIENTS:

TOTAL

1.5%  
98.5%  
100.0%

\*Registered U.S. Patent No. 3,736,338

EPA Reg. No. 45639-139

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. If a child has swallowed a small amount of this product, give them a glass of water and milk. If a child has swallowed a large amount, call your doctor or the Poison Control Center for advice. Do not give the child anything to eat or drink until you have been advised to do so.

IF INHALED: If you or your child breathe in a small amount of this product, it will probably cause only a slight irritation. If you or your child breathe in a large amount, call your doctor or the Poison Control Center for advice.

IF ON SKIN: If you or your child get this product on their skin, wash the area with plenty of water. If you or your child get this product in their eyes, wash the eyes with plenty of water for at least 15 minutes. Call your doctor or the Poison Control Center for advice.

IF IN EYES: If you or your child get this product in their eyes, wash the eyes with plenty of water for at least 15 minutes. Call your doctor or the Poison Control Center for advice.

NOTE TO PHYSICIAN: Bendiocarb is a carbamate insecticide. It is not a cholinesterase inhibitor. It is not a neurotoxin. It is not a carcinogen. It is not a mutagen. It is not a reproductive toxin. It is not a developmental toxin. It is not a teratogen. It is not a fetotoxicant. It is not a perinatal loss agent. It is not a pre-natal death agent. It is not a post-natal death agent. It is not a pre-natal malformation agent. It is not a post-natal malformation agent. It is not a pre-natal growth retardation agent. It is not a post-natal growth retardation agent. It is not a pre-natal weight loss agent. It is not a post-natal weight loss agent. It is not a pre-natal weight gain agent. It is not a post-natal weight gain agent. It is not a pre-natal weight loss agent. It is not a post-natal weight loss agent. It is not a pre-natal weight gain agent. It is not a post-natal weight gain agent.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY INFORMATION

**NOR-AM**

NET CONTENTS:

# **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. Food utensils such as teaspoon or measuring cup should not be used for food after use with a pesticide.

## **ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to fish and wildlife. For terrestrial uses, 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. Do not contaminate water when disposing of equipment washwaters. Collect, cover or incorporate granules spilled on soil surface. This product is highly toxic to bees exposed to direct treatment or to residues on plants.

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

## **STORAGE AND DISPOSAL**

Do not contaminate water, feed, or food by storage or disposal.

**STORAGE:** 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:** Do not reuse bag. Securely wrap in several layers of newspaper and discard in trash.

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

## **GENERAL INFORMATION**

BENDIOCARB 1½G is a broad spectrum residual insecticide for the control of certain insects on turf.

### **APPLICATION EQUIPMENT**

BENDIOCARB 1½G 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 BENDIOCARB 1½G:

Spreader Model	Pounds of Product per Acre	Recommended Settings	
		Once Over	Swath Width
EpiStar (Rotary)	130	4.5	6 FL
	200	5.0	6 FL
Lance (Rotary)	130	E	8 FL
	200	F	8 FL
Cyclone (5-1, 30, 80)	130	4.5	—
	200	5.0	—
PrizeLawn-CBR (drop type)	130	5 to 5.5	Same as Spreader width
	200	6	
Scott Drop	130	8	21 inches
	200	10	21 inches

**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.

## **DIRECTIONS FOR USE**

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

### **USE RECOMMENDATIONS**

Use BENDIOCARB 1½G to control specified pests of turf.

Apply BENDIOCARB 1½G 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 Ateatus, European chafar, Northern market chafar, Green June beetle, Annual white grub; Mole crickets	3-4.5 lbs. Per 1,000 sq. ft. (130-200 lbs. per acre)	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 assure coverage, then irrigate thoroughly with ½ to ¾ inch of water.
Cinch bugs, Leaf-hoppers, Sod webworms, Ants, Brown dog Ticks, Centipedes, Crickets, Earwigs, Firebrats, Fleas, Ground Beetles, Millipedes, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders.	1.5-3 lbs per 1,000 sq. ft. (65-130 lbs. per acre)	Apply when pests are evident. Use adequate quantity of water to thoroughly moisten grass and thatch.

**Perimeter Treatment:** To help prevent infestation of buildings by above pests, treat a band of soil 6 to 10 ft. wide around and adjacent to the building at a rate of 1.5 to 3.0 lbs. per 1,000 square feet.

**Carpenter Ants:** For control of Carpenter Ants around firewood piles. Treat the area where firewood is to be stacked at the rate of 1.5 to 3.0 lbs. per 1,000 square feet. After the firewood is in place, treat a 3 to 6 feet band around the woodpile. If the rows of wood are stacked so there is about 2" between them, repeated treatment of the woodpile can be made by sprinkling or shaking the granules between the rows. Retreat area as needed.

### **PLANT SAFETY**

BENDIOCARB 1½G 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.

#### **IMPORTANT: READ BEFORE USE**

By using this product, user or buyer 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. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR 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 SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT. **LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT NOR-AM'S ELECTION, THE REPLACEMENT OF PRODUCT.

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**B1½G-WETLANDS-Reg. 6/93**