

SEP 21 1992

S424869 $\frac{300}{17}$

The Andersons
d/b/a Parker Fertilizer Company
201 West Fourth Street
Sylacauga, AL 35150

Gentlemen:

Subject: Vertagreen Grub Pruf Plus
EPA Registration No. 8660-137
Your Labeling Submitted May 22, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the revised labeling:
 - a. Replace the "Environmental Hazards" statements, "Do not apply directly to water or wetlands" and "Keep out of lakes, streams, and ponds" with the following statement:

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

- b. Revise the "Environmental Hazards" statement:

Do not contaminate water by cleaning of equipment or disposal of wastes

to read as follows:

Do not contaminate water when disposing of equipment washwaters.

63618:I:WP50:Mautz:WP14-2:KEVRIC:09/16/92:10/15/92

CONCURRENCES

SYMBOL	SURNAME	DATE					

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- c. Refer to the enclosed "Pesticide Disposal Instructions" and revise your instructions for professional/commercial use accordingly.
 - d. Add a "Restrictions" heading to the paragraph beginning with "Do not apply more than 30 lbs . . ." and ending with ". . . until the insecticide has been watered in and the grass is dry."
 - e. According to our records, the company number, 8660 is assigned to The Andersons, Parker Fertilizer Company Division. This company name must appear on the final label. The company name appearing on your submitted draft label (Parker Fertilizer Company), is assigned company number 46557.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

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ACCEPTED
with **COMMENTS**
in EPA Letter Dated:

SEP 21 1992

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8660-137

(FRONT PANEL)

VERTAGREEI®

GRUB

PRUF

PLUS

17-3-3

Contains

1.5% OFTANOL® INSECTICIDE GRANULES

For Control of White Grubs, Mole Crickets, Sod Webworms & Chinch Bugs
on Homeowner or Commercially Maintained Ornamental Turf at
Homes, Apartment Complexes, Parks, Golf Courses, Athletic Fields,
Playgrounds and Other Recreational Turf Grass Areas.

ACTIVE INGREDIENTS:

1-Methylethyl 2-((ethoxy)((1-methylethyl)amino)phosphinothioyl)
oxy) benzoate 1.50%

INERT INGREDIENTS: 98.50%

TOTAL 100.00%

OFTANOL® is a Registered Trademark of Farbenfabriken Bayer GmbH, Leverkusen
U.S. Patent No. 3,621,082
Canadian Patent No. 825,198

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

NET WEIGHT 15 LBS.

TREATS UP TO 5,000 SQ. FT.

(BACK PANEL)

VERTAGREEN®

GRUB

PRUF

PLDS

17-3-3

Contains

1.5% OPTANOL® INSECTICIDE GRANULES

GUARANTEED ANALYSIS

Total Nitrogen (N)	17.00%
1.0% Ammoniacal Nitrogen	
16.0% Urea Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	3.00%
Soluble Potash (K ₂ O)	3.00%

Sources of Plant Nutrients: Urea, Ammonium Phosphate, and Muriate of Potash

Chlorine (Cl), maximum 3.00%

When applied as directed supplies the turf with 1/2 lb. Nitrogen per 1,000 sq. ft. (15 lbs. to treat 5,000 sq. ft. rate).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and warm water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before reuse. Keep out of reach of children. Do not allow children or pets on treated areas until granules have been watered in and the grass is dry.

BEST AVAILABLE COPY

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STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Give 1 or 2 glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Get medical attention.

IF IN EYES: May cause eye irritation. Flush eyes with plenty of water.

IF ON SKIN: Wash skin with soap and warm water.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

FOR TURF GRASS APPLICATION

HOW TO APPLY

Apply the contents of this bag to treat and feed 5,000 sq. ft. of turfgrass and water-in immediately after application. Apply using a properly calibrated "Drop" or "Rotary" type spreader. An appropriate spreader marking system should be employed to assure even distribution of the granules. Insects will continue to thrive in areas that have been missed or skipped by improper spreader application of the insecticide granules.

SUGGESTED SPREADER SETTINGS

This application rate is equivalent to 3 lbs. of product per 1,000 sq. ft.

SPREADER	<u>RECOMMENDED SETTING</u>
Cyclone Mode B-1 Spreader	3.5
Scotts PF-1/011B Spreader	6.0

Turf should be free of troublesome thatch which encourages insects. Rake the area and remove the debris to expose insect hiding places before application. Consult your spreader maintenance manual for equivalent setting to apply this product at the rate of 1-1/2 lbs. per 1,000 sq. ft.

SOIL INSECTS CONTROLLED

Controls White Grub Larvae such as Japanese Beetle, Black Turfgrass Aeneas Beetle, Southern and Masked Chafer, Phyllophaga spp., Green June Beetle, Oriental Beetle, Asiatic Garden Beetle, Billbug and Hyperodes Weevil.

SURFACE INSECTS CONTROLLED

Mole Crickets, Sod Webworm Larvae and Chinch Bugs.

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APPLICATION RATES

Soil Insects: Use 3 lbs. per 1,000 sq. ft. of turf which is equivalent to 15 lbs. per 5,000 sq. ft.

Surface Feeding Insects: Use between 1-1/2 to 3 lbs. per 1,000 sq. ft. which is equivalent to 15 lbs. per 5,000 sq. ft. for severe infestations or to cover 10,000 sq. ft. of turf for the first or moderate infestations, followed by a second treatment to cover 5,000 sq. ft. but not within 30 days of the first.

Do not apply more than 30 lbs. of this product to 5,000 sq. ft. per year. Do not graze treated area or use clippings for feed or forage. Do not mow, nor allow pets or children on treated areas until the insecticide has been watered-in and the grass is dry.

White Grub & Billbug Larvae: Water the turf thoroughly immediately after application, using sufficient amounts to wet the soil down to 1 to 1-1/2 inches deep.

Hyperodes Turfgrass Weevil Larvae: Apply granules as directed in the spring of the year between full bloom periods of Forsythia and Flowering Dogwood, usually occurring between April 15 and May 15. Water-in as for White Grub control.

Mole Crickets: Apply as directed and water-in the granules immediately after the application, using 1/2 to 1 inch of water over the area. Apply in the late afternoon or early evening for best results.

Sod Webworm Larvae & Chinch Bugs: Apply granules as directed and lightly water the area with up to 1/2 inch of water over the area. Do not over water since these insects are surface feeders and heavy watering may decrease insect control. For more specific information regarding timing of applications consult your local or State Agricultural Extension Service.

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STORAGE AND DISPOSAL**FOR HOMEOWNER USE ONLY:**

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **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.

FOR PROFESSIONAL/COMMERCIAL USE ONLY:

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product.

Manufactured by:

**PARKER FERTILIZER CO.
201 4TH STREET
SYLACAUGA, AL 35150**

Date Printed: 05/06/92
Date Approved:
Supersedes:
Label Change: