



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
4-361

Date of Issuance:  
SEP 22 1995

Term of Issuance: Conditional

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Name of Pesticide Product:  
Bonide Oftanol Grub  
Beater

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bonide Products, Inc.  
2 Wurz Ave.  
Yorkville, NY 13495

5469893 161/18

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label change before you release the product for shipment:

Add the designation, "EPA Reg. No. 4-361".

3. Utilize the Confidential Statement of Formula (CSF) dated July 5, 1994 in the formulation of the subject product. The CSF dated December 13, 1994 which was received with your letter of the same date, cannot be accepted since it cites both an incorrect EPA Reg. No. and supplier name for the active ingredient present in the product.

4. Submit two copies of the revised final printed label prior to release of the product for shipment.

Signature of Approving Official:

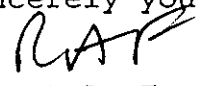
Date:

SEP 22 1995

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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 (7504C)



ACCEPTED with COMMENTS in EPA Letter Dated

SEASON-LONG GRUB CONTROL

CONTENTS TREAT UP TO 10,000 SQUARE FEET  
A 100 Foot by 100 Foot Lawn Area for SO  
Webworms & Chinch Bugs

SEP 22 1995

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

- OR -

4-361

TREATS 5,000 SQUARE FEET FOR CONTROL OF:  
White Grubs, Bill bugs, Hyperodes Weevils  
and Mole Crickets

DRY GRANULES. JUST POUR IN SPREADER, CALIBRATE AND APPLY.

NET WT.: 15 LB.

Stop - Read the Label Before Use.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements and statement of practical treatment.

EPA Reg. 4-

EPA Est. 1-1

ACTIVE INGREDIENT:

*1-Methylethyl 2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]benzoate .....	1.5%
INERT INGREDIENTS: .....	98.5%
	<u>100.0%</u>

\*U.S. Patent #3,621,082

Canadian Patent #825,198

OFTANOL is a Reg. TM of Bayer AG, Germany

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION

Harmful if swallowed. Harmful if inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Keep out of reach of children.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Give a glass or two 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.

If in eyes: Flush with plenty of water.

If on skin: Wash with soap and hot water.

If inhaled: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. Wrap and put in trash collection. Store in a cool, dry place, and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material is spilled, carefully sweep up material into a pile. Do not walk through spilled material. Product that cannot be used according to label directions must be disposed of according to state and local procedures.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

BONIDE OPTANOL GRUB BEATER INSECTICIDE, EPA No. 4-

Bonide OPTANOL® Grub Beater Insecticide is recommended for use on lawns, and other ornamental and recreational turf grass areas.

APPLICATION EQUIPMENT AND TECHNIQUES

Apply uniformly over the turf area with suitable granular turf application equipment (both drop-type and rotary-type spreaders may be used). Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Application using a pull-type drop spreader can be aided by a splash board under the hopper. A more uniform application can be made by spreading half the required amount of product, and then immediately applying the remaining half at right angles or crosswise. The full recommended rate of this product must be used for maximum benefit. Use appropriate marking techniques, and apply when wind is calm to prevent missed areas.

SPREADER SETTINGS

Approximate spreader settings for applying this product at the rate of 3 pounds per 1000 sq. ft.:

Model	Setting	
	5,000 sq. ft. (3 lb./1000 sq. ft.)	10,000 sq. ft. (1.5 lb./1000 sq. ft.)
Cyclone Model B-1	3.5	2.5
Scotts PE - 1/011B	6.0	4.5

Note: Spreader settings are to be used only as a guide. It is critical that the appropriate weight/area is used. Consult the following chart. RESTRICTIONS

RECOMMENDED APPLICATIONS FOR USE ON TURF GRASSES\*

Pest	Dosage	Remarks
<u>Soil Insects</u>		(Be sure to read Application Equipment and Techniques sections of this label.)
White grub larvae (such as Japanese beetle, black turf grass atenius, Chafer, <u>Phyllophaga spp.</u> , Green June beetle, Oriental beetle, Asiatic garden beetle)	3 lbs. per 1000 sq. ft.	For White Grub & Billbug Larva Control: Water turf area thoroughly immediately after application, using sufficient water to wet the soil 1 to 1 1/2 inches deep. Mow turf only after sufficient irrigation has been applied.

Continued

## BONIDE OPTANOL GRUB BEATER INSECTICIDE. EPA No. 47

<p>Billbugs (larvae) Hyperodes weevils (larvae)</p>		<p>(larvae) For Hyperodes Weevil Control: Apply between full bloom periods of forsythia and flowering dogwood, usually April 15 to May 15; water in as for White Grub Larva control.</p>
<p>Mole Crickets</p>		<p>For Mole Cricket Control: Water immediately after application using <math>\frac{1}{2}</math> to 1 inch of water.</p>
<p><u>Surface Insects</u></p>		
<p>Sod webworm larvae, chinch bugs</p>	<p><math>1\frac{1}{2}</math> or 3 lbs./1000 sq. ft.</p>	<p>Apply <math>\frac{1}{2}</math> to 1 inch of water immediately after treatment. Reapply as necessary to control re-infestations. Use the higher rate for heavy infestations. See Restrictions below.</p>
<p>Fire ants</p>	<p>3 lbs./1000 sq. ft.</p>	<p><u>Area Fire Ant Control:</u> Apply specified dosage uniformly over area to be treated for residual control. Water immediately after application using <math>\frac{1}{2}</math> to 1 inch of water. If established fire ant mounds are present use the mound drench treatment prior to area application. If a mound drench treatment is made only <u>one</u> area treatment may be made.</p>
	<p>0.5 oz. per 9 sq. ft.</p>	<p><u>Established Fire Ant Mounds - Drench Treatments:</u> <u>Wet Conditions:</u> Distribute dosage evenly over 9 sq. ft. and immediately sprinkle <u>gently</u> with 3 gallons of water. <u>Dry Conditions:</u> Treat as noted for wet conditions, however, to insure penetration apply an additional 3 gallons of water to the treated mound area after treatment. Make only one mound drench treatment.</p>

\*Consult your local turf, State Agricultural Experiment Station, or State Extension Service for more specific timing of application.

BONIDE OPTANOL GRUB BEATER INSECTICIDE. EPA No. 4-

RESTRICTIONS: Do not apply more than 6 lbs. of the product per 1000 sq. ft. per year. Minimum intervals between applications must be 30 days (15 days for the 1½ lb./1000 sq. ft. dosage). Do not mow treated turf before rainfall or irrigation has been applied as per Recommended Applications. Do not graze treated areas, or use clippings for feed or forage. Keep children and pets off treated area until dry.

Recommendations for use of this product are based upon tests believed to be reliable. The buyer must assume all responsibility for use of this product when not used in strict accordance with directions or established safe practice, or when used under abnormal conditions not reasonably foreseeable to the seller.

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