



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

edit

APR 10 1994

**COPY FOR YOUR
INFORMATION**

JULIE M. SPAGNOLI
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AGRICULTURAL DIVISION
8400 HAWTHORNE ROAD BOX 4913
KANSAS CITY, MO. 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 07/08/93 in Response to PR Notice 93-7
EPA Reg. No. 3125-331
OFTANOL 1.5% GRANULAR

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins
James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

U.S. LABEL-S

Reason to Issue: To delete uses within scope of Worker Protection Standard.

Date of Draft: 06/17/93(Pre-Reg)(S)

OFTANOL[®]

1.5% Granular

INSECTICIDE

FOR INSECT CONTROL ON TURF GRASSES, ORNAMENTAL BEDS AND NURSERIES, AND CERTAIN NON-CROP AREAS

ACTIVE INGREDIENT:

1-Methylethyl 2-[[ethoxy[(1-methylethyl)amino]phosphino-thioyl]oxy]benzoate	1.5%
INERT INGREDIENTS:	98.5%
	100.0%

EPA Reg. No. 3125-331
EPA Est. 3125-MO-1

Net Weight: ___ Pounds

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Statements of Practical Treatment and Other Precautionary Statements

AVISO

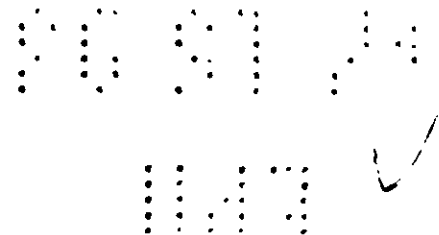
PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)



OFTANOL 1.5% Granular

APR 25 1994
United States Federal Insecticide,
Fungicide, and Rodenticide Act
3125-331



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

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DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions for Use and Conditions of Sale before using OFTANOL 1.5% Granular insecticide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

OFTANOL 1.5% Granular insecticide is recommended for use on ornamental ~~commercial~~ and recreational turf grass areas as well as ~~landscape~~ ornamental beds ~~and nurseries~~, and non-crop areas such as fence rows and roadsides.

NOTE: Not for use on sod farms, commercial nurseries or greenhouses.

APPLICATION EQUIPMENT

Apply OFTANOL 1.5% Granular uniformly over the turf area with suitable granular turf application equipment. Both drop-type and rotary-type spreaders may be used to apply OFTANOL 1.5% Granular. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

APPLICATION TECHNIQUES

OFTANOL 1.5% Granular application using a pull-type drop spreader can be aided by a splash board mounted under the hopper for more uniform granule distribution. A more uniform application can be made by spreading half the required amount of OFTANOL 1.5% Granular over the area; and then immediately apply the remaining half at right angles or crosswise. The full recommended rate of OFTANOL 1.5% Granular must be used for maximum benefit.

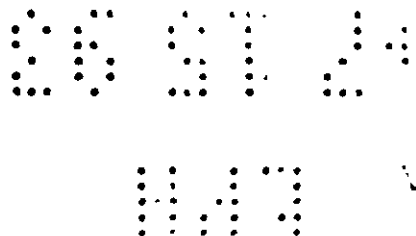
When apply OFTANOL 1.5% Granular, use appropriate marking systems and make applications when the wind is calm to prevent missed areas.

SPREADER SETTINGS

Approximate Spreader Setting's for applying OFTANOL 1.5% Granular at the rate of 3 pounds per 1000 square feet.

<u>MODEL</u>	<u>SETTING*</u>
Cyclone model B-1	3.5 (5)
Scotts PF-1/011B	6.0 (10)

*NOTE: Only one set of numbers will appear on the final printed label depending on the type of carrier used. The lower numbers will appear when corn cob granules are used as the carrier, while the higher numbers will appear when vermiculite is used as the carrier.



RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE OFTANOL 1.5% G	REMARKS
Ornamental and Recreational Turfgrasses and Non-crop areas (such as fence rows and road-sides)	SOIL INSECTS White grub larvae (such as Japanese beetle, Black turf grass ataenius, Chafer, <i>Phyllophaga</i> spp. Green June beetle, Oriental beetle, Asiatic garden beetle) Billbug (larvae stage) Mole crickets	3 lb/1000 sq ft	<p>Be Sure to Read "APPLICATION EQUIPMENT" Section of this label. Do not apply more than 6 lbs. of OFTANOL 1.5% Granular per 1000 sq ft per year or an equivalent amount of 1.45 ounces active ingredient per 1000 sq ft regardless of formulation used. Minimum interval between applications must be 30 days.</p> <p>For White Grub and Billbug Larval Control: Water turf area thoroughly immediately after application, using sufficient water to wet soil 1 to 1-1/2 inches deep. Mow turf only after sufficient irrigation has been applied.</p> <p>For Area Mole Cricket Control: Water immediately after application using 1/2 to 1 inch of water.</p>
	Fire ants	3 lb/1000 sq ft	<p>Area Fire Ant Control: Apply specified dosage uniformly over area to be treated for residual control. Water immediately after application using 1/2 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 one area treatment may be made.</p>
		0.5 oz per 9 sq ft	<p>Established Fire Ant Mounds - Drench Treatments: Wet Conditions: Distribute dosage evenly over 9 sq ft and immediately sprinkle gently with 3 gallons of water.</p> <p>Dry Conditions: Treat as noted for wet conditions, however, to insure penetration apply an additional 3 gallons of water to the treated mound area after treatment.</p> <p>Make only one mound drench treatment.</p>
	SURFACE INSECTS Sod webworm larvae Chinch bug Hyperodes weevil	1.5 or 3 lb/ 1000 sq ft	<p>Apply 1/4 to 1/2 inch of water immediately after treatment. Reapply as necessary for pest re-infestations. Do not apply more than 6 lb of OFTANOL 1.5% Granular per 1000 sq ft per year or an equivalent amount of 1.45 ounces active ingredient per 1000 sq ft regardless of formulation used. Minimum interval between applications is 15 days for 1.5 lb rate and 30 days for the 3 lb rate.</p> <p>For Hyperodes Weevil Control: Apply between full bloom periods of forsythia and flowering dogwood, usually April 15 to May 15, and water-in as directed above.</p>
<p>Consult your local turf, state Agricultural Experiment Station, or state Extension Service Specialist for more specific information regarding timing of application.</p>			

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE OFTANOL 1.5% G	REMARKS
Landscape Ornamentals (areas such as trees nursery stock and ornamental beds)	White grub larvae (such as Japanese beetle, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle Mole crickets Fire ants	130 lb/acre or 3 lb/1000 sq ft	Apply specified dosage per acre or per 1000 sq ft using ground equipment accurately calibrated to uniformly apply a granular pesticide. Do not apply more than 6 lbs. of OFTANOL 1.5% Granular per 1000 sq ft (260 lbs. per acre) per year or an equivalent amount of 1.45 ounces active ingredient per 1000 sq ft regardless of formulation used. Minimum interval between applications must be 30 days. NURSERY STOCK/ORNAMENTAL BEDS: Uniformly apply the granules in a manner so that the tree trunks and foliage will not disturb the pattern. Immediately irrigate after application and prior to any cultivation or soil disturbance so that the OFTANOL will be uniformly distributed into the upper soil profile. Apply irrigation in a manner so that no run-off or erosion will occur which could move OFTANOL from the treated area. Container Stock Ornamentals: Apply designated dosage directly to the soil surface of the container. After application, irrigate with a minimum of 4 oz of water per 1 gallon container to ensure adequate distribution of OFTANOL into the upper soil profile.
	Fire ants	130 lb/acre or 3 lb/1000 sq ft	For Area Mole Cricket and Fire Ant Control: Apply specified dosage uniformly over area to be treated for residual control. Water immediately after application using 1/2 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 one area treatment may be made.
		0.5 oz per 9 sq ft	Mound Drench Treatments: Wet Conditions: Distribute dosage evenly over 9 sq ft and immediately sprinkle gently with 3 gallons of water. Dry Conditions: 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.
Consult your local turf, state Agricultural Experiment Station, or state extension Service Specialists for more specific information regarding timing of application.			
Soil mix for ornamentals	Japanese beetle larvae Fire ants	20 oz/cu yd of soil mix	Potting Soil Treatment: Add 20 oz of OFTANOL 1.5% Granular per cubic yard of soil mixture during the mixing operation. Thoroughly mix the granules to ensure a uniform distribution in the potting soil before filling pots and planting.

RESTRICTIONS

Do not mow treated turf area before irrigation has been applied as per RECOMMENDED APPLICATIONS. Do not graze treated areas or use clippings from treated areas for

feed or forage. Keep children and pets off treated area until dry.

STORAGE AND DISPOSAL

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

Household: Do not reuse empty container. Wrap and put in trash collection.

Pesticide Disposal (Except household): Pesticide that cannot be used according to label directions must be disposed of according to Federal, State, or local procedures under the Resource Conservation and Recovery Act.

Container Disposal (Except household): Do not use container in connection with food, feed, or drinking water. Dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

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 spilled for any reason or cause, carefully sweep material into a pile. Do not walk through spilled material. Dispose of pesticide as directed above.

Miles, Inc.
Specialty Products
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