

Reg # 3125-330

PM-14

File 197

United States Environmental Protection Agency
Washington, D.C. 20460

OCT 19 1993

Office of
Prevention, Pesticides and
Toxic Substances

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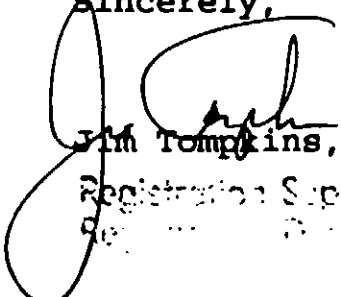
Subject: Label Amendment Submission of 06/22/93
in Compliance with the PR Notice 93-7
EPA Reg Nr. 3125-330
OFTANOL 5% GRANULAR INSECTICIDE

Dear Registrant:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, REMOVES THE PRODUCT FROM THE SCOPE OF THE REQUIREMENTS CONTAINED IN 40 CFR PART 156, SUBPART K. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

The Agency is accepting only those changes to your labeling submitted in connection with your amendment application dated 06/22/93 which are necessary to comply with the requirements of 40 CFR part 156, subpart K. Any proposed changes to the labeling submitted in connection with this amendment application that were not directly related to compliance with the requirements of PR Notice 93-7 were not considered and have not been accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing such changes. If your product is currently suspended, the acceptance of this labeling amendment does not affect in any way the suspension.

Sincerely,


Jim Tompkins, Deputy Chief

Registration Support

Registration Support

OFTANOL 5% Granular

330-7864.YLD

Base Pre-Reg. (7864)

U. S. LABEL

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

Date of Draft: 06/04/93(Pre-Reg)(S)

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OFTANOL

5% Granular

Insecticide

FOR COMMERCIAL APPLICATOR USE ONLY
FOR INSECT CONTROL ON ENVIRONMENTAL AND RECREATIONAL TURF GRASSES, BENSOLAM ORNAMENTAL BEDS AND NURSERIES AND CERTAIN NON-CROP AREAS

ACTIVE INGREDIENT:

1-Methylethyl 2-[[ethoxy[(1-methylethyl)amino]phosphino-thioyl]oxy]benzoate	5%
INERT INGREDIENTS	95%
	100%

EPA Reg. No. 3125-330

Net Weight: ___ Pounds

STOP - Read The Label Before Use

Keep Out Of Reach Of Children

CAUTION

(See Rear 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.)



ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 19 1993

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

3125-330

PRECAUTIONARY STATEMENTS

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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. Vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious 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.

TO PHYSICIAN: ANTIDOTE - Atropine sulfate or atropine sulfate plus 2-PAM has a slight antidotal effect and should be administered in therapeutic doses. Repeat as necessary to the point of tolerance.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

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.

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 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 CROPS 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. MILES 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 MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

OFTANOL 5% Granular is for use only by commercial applicators on ornamental and recreational and commercial turf including golf courses, ~~and~~ cemeteries, industrial grounds, parkways, and residential lawns, as well as ~~and~~ ornamental beds, and nurseries and non-crop areas such as fence rows and roadsides.

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

DIRECTIONS FOR USE (Continued)**APPLICATION EQUIPMENT**

Apply OFTANOL 5% Granular uniformly over the area with suitable granular turf application equipment. Do not apply this product with a knapsack applicator or similar equipment that is placed on the user's body. Both drop-type and rotary-type spreaders may be used to apply OFTANOL 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 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 5% Granular over the area, and then immediately apply the remaining half at right angles or crosswise. The full recommended rate of OFTANOL 5% Granular must be used for maximum benefit.

When applying OFTANOL 5% Granular, use appropriate marking systems and make application when the wind is calm to prevent missed areas.

APPROXIMATE SPREADER SETTINGS FOR OFTANOL 5% Granular

The following chart can be used as a guide in establishing an accurate rate of OFTANOL 5% Granular. The listed settings should provide an application rate of 0.9 lb per 1,000 sq ft or 40 lb per acre.

The settings shown will provide a preliminary guide to begin the calibration of the spreaders listed. It is very important to carefully calibrate all the equipment being used to apply OFTANOL 5% Granular insecticide.

SPREADER	SWATH WIDTH	SETTING
Cyclone B-1	10 feet	2.75
Lesco	10 feet	D (Left port 1/2 open)
Scotts R-7X	10 feet	D
Scotts PF #1	21-inch drop	D
Spyker Spreader	7.5 feet	3.2
Gandy Company Turf Tender	(Dependent upon model size)	27 at 4 mph 28 at 4.5 mph
603	(Dependent upon model size)	16.5 at 5 mph
Lely Model W (Use standard feed ring, Pt. #RC-2.3201.0250.0 or Pt. #2.3201-0400.0)	20 feet	3.5 at 4.5 mph
Vicon PS-402 (Mounted on Hahn Lawn Tractor)	24 feet	#12 at 5 mph #9 at 4 mph
Warren's T-7 Spreader Improved Model	18 feet	4 1/4 at 2 mph

DIRECTIONS FOR USE (Continued)

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE OFTANOL 5% G	REMARKS
<p>Decorative and Recreational Turf Grasses</p> <p>Non-crop areas (such as fence rows, and roadsides)</p>	<p>SOIL INSECTS</p> <p>White grub larvae (such as Japanese beetle, Black turf grass stem borer, Chafers, <i>Phyllophaga</i> spp., Green June beetle, Oriental beetle, Asiatic garden beetle)</p> <p>Billbug (Larval stage)</p> <p>Mole crickets</p> <p>Fire ants</p>	<p>40 lb/A or 0.9 lb/ 1000 sq ft</p>	<p>Be Sure to Read "APPLICATION EQUIPMENT" Section of this label.</p> <p>Do not apply more than 80 lb of OFTANOL 5% Granular per acre per year or an equivalent amount of 4 lb active ingredient per year per year, regardless of formulation used. Minimum interval between applications must be 30 days.</p> <p>Preventive Larval Control: Apply sufficient water to penetrate the soil 1 to 1 1/2 inches deep immediately after application. The product will remain active in the soil to control the target insect. Mow turf only after sufficient irrigation has been applied.</p> <p>Curative Larval Control: For rapid control of existing populations of grub larvae in turf areas: Apply a sufficient amount of water to penetrate the soil 1 to 1 1/2 inches deep immediately after treatment.</p> <p>For Mole Cricket Control: Water immediately after application using 1/2 to 1 inch of water.</p> <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, treat mounds with a registered product for that use. (Refer to label for OFTANOL 2 Insecticide). If a mound drench treatment is made with OFTANOL 2 Insecticide only <u>one</u> area treatment with OFTANOL 5% Granular may be made.</p>
		<p>Consult your local turf, state Agricultural Experiment Station, or state Extension Specialists for more specific information regarding timing of application.</p>	

DIRECTIONS FOR USE (Continued)

RECOMMENDED APPLICATIONS (Continued)			
CROP	PEST	DOSAGE OFTANOL 5% G	REMARKS
<p>Ornamental and Landscaping Turf Grasses (Continued)</p>	<p>SURFACE INSECTS Sod webworm larvae Chinch bug Hyperodes weevil</p>	<p style="text-align: center;">40 lb/A or 0.9 lb/1000 sq ft</p>	<p>Apply 1/4 to 1/2 inch of water immediately after treatment. Reapply as necessary for pest reinfestations. Do not apply more than 80 lb of OFTANOL 5% Granular per acre pre year or an equivalent amount of 4 lb active ingredient per acre per year regardless of formulation used. Minimum interval between applications must be 30 days.</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 Specialists for more specific information regarding timing of application.</p>
<p>Ornamental Areas (Such as nursery-stock and landscaping ornamental beds)</p>	<p>White grub larvae (such as Japanese beetle, Chafers, <i>Phyllophaga</i> spp., Asiatic garden beetle)</p> <p>Mole crickets</p> <p>Fire ants</p>	<p style="text-align: center;">40 lb/A or 0.9 lb/1000 sq ft</p>	<p>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 80 lb of OFTANOL 5% Granular per acre per year of an equivalent amount of 4 lb active ingredient per acre year, regardless of formulation used. Minimum interval between applications must be 30 days.</p> <p>NURSERY STOCK / LANDSCAPE ORNAMENTAL BEDS: Uniformly apply the granules in a manner so that the 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.</p> <p>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 treat mounds with a registered product for that use. (Refer to label for OFTANOL 2 Insecticide.) If a mound drench treatment is made with OFTANOL 2 Insecticide only one area treatment with OFTANOL 5% Granular may be made.</p>
<p>Soil Mixes for Ornamentals</p>	<p>Japanese beetle larvae</p> <p>Fire Ants</p>	<p style="text-align: center;">6.3 oz/cubic yard of soil mixture</p>	<p>Potting Soil Treatment: Add 6.3 oz of OFTANOL 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.</p>

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

Not for Storage in or Around the Home

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

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.

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