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9859-ETR  
setup 1-28-85

ACCEPTED  
MAR 1 1986  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under  
EPA Reg. No. 9859-27

OFTANOL  
1.5 G INSECTICIDE

FOR INSECT CONTROL ON  
TURF GRASSES

ACTIVE INGREDIENT:  
1-METHYLETHYL 2-((ETHOXY((1  
METHYLETHYL)AMINO)PHOSPHINO-  
THIOYL)OXY)BENZOATE\* ... 1.5%

INERT INGREDIENTS: .....98.5%  
100.0%

\*U.S. PATENT NO. 3,621,082  
CANADIAN PATENT NO. 825,198

"OFTANOL IS A REGISTERED TRADEMARK OF THE PARENT COMPANY  
OF FARBENFABRIKEN BAYER GMBH, LEVERKUSEN."

**STOP - READ THE LABEL BEFORE USE**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

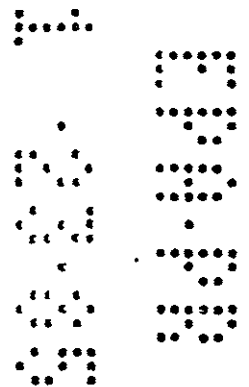
SEE SIDE PANEL FOR STATEMENTS OF PRACTICAL TREATMENT  
AND OTHER PRECAUTIONARY STATEMENTS

EPA REG. NO. 9859-\_\_\_\_\_

EPA EST. NO. 9859-FL-1

NET WEIGHT\_\_\_\_\_POUNDS

MANUFACTURED BY:  
LANDIA CHEMICAL COMPANY  
LAKELAND, FLORIDA



## OFTANOL 1.5% GRANULAR

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### AVISO

PRECAUCION AL USUARIO: SI USTED NO PUEDE LEER O ENTENDER INGLES, 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.)

### 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. 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.

#### 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.

#### 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 SPOILED FOR ANY REASON OR CAUSE, CAREFULLY SWEEP MATERIAL INTO A PILE. DO NOT WALK THROUGH SPOILED MATERIAL. DISPOSE OF PESTICIDE AS DIRECTED ABOVE.

## 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 MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTION. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED, OTHER CROPS, ANIMALS, MAN OR THE ENVIRONMENT. LANDIA AND THE SELLER OFFER, 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 LANDIA AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

OFTANOL 1.5% GRANULAR INSECTICIDE IS RECOMMENDED FOR USE ON LAWNS, AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS.

## 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 APPLYING OFTANOL 1.5% GRANULAR, USE APPROPRIATE MARKING SYSTEMS AND MAKE APPLICATION 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 SQ. FT.

MODEL	SETTING
CYCLONE MODEL B-1	3.5
SCOTTS PF-1/011B	6.0

## RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE	REMARKS
		OFTANOL 1.5% G.	
	<u>SOIL INSECTS</u>		<u>Be Sure to Read "APPLICATION EQUIPMENT Section of this label.</u>
Turf Grasses	White grub larvae (such as Japanese beetle, Black turf grass ataenius, Chafer, <u>Phyllophaga</u> spp. Green June beetle,	3 lbs./1000 sq. ft.	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.
Oriental	beetle, Asiatic garden beetle)		<u>FOR White Grub and Billbug Larval Control:</u> Water turf area thoroughly immediately after application, using sufficient water to wet soil 1 to 1-1/2 inches deep.
	Billbug (larval stage)		<u>For Hyperodes Weevil Control:</u> Apply between full bloom periods of forsythia and flowering dogwood, usually April 15 to May 15, and water-in as for white grub larval control.
	Hyperodes weevil (larval stage)		<u>For Mole Cricket Control:</u> Water immediately after application using 1/2 to 1 inch water.
	Mole crickets		
	Fire ants	3 lbs./1000 sq. ft.	<u>Area Fire Ant Control:</u> 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.

Fire ants

0.5 oz. per 9  
square feet

Established Fire Ant Mounds -  
Drench Treatments: Wet condi-  
tions: 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 ad-  
ditional 3 gallons of water to  
the treated mound area after  
treatment.

Make only one mound drench  
treatment.

Turf  
Grasses  
(Cont'd)

Consult your local turf, state Agricultural  
Experiment Station, or state Extension Service  
Specialists for more specific information re-  
garding timing of application.

Turf  
Grasses  
(Cont'd)

SURFACE INSECTS  
Sod webworm  
larvae  
Chinch bug

1.5 or 3 Lbs/  
1000 sq. ft.

Apply 1/2 inch to 1 inch water  
immediately after treatment.  
Reapply as necessary for pest  
re-infestations. Do not apply  
more than 6 lbs. OPTANOL 1.5%  
Granular per 1000 sq. ft. per  
year or an equivalent amount  
of 1.45 ounces active ingredi-  
ent per 1000 sq. ft. regardles  
of formulation used. Minimum  
interval between applications  
is 15 days for 1.5 lb. rate  
and 30 days for the 3 lb. rate

Consult your local turf, state  
Agricultural Experiment Station  
or state Extension Service  
Specialists for more specific  
information regarding timing  
of application.

#### 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.