

YLD9

U.S. LABEL

Reason to Issue: To propose new product for use on turf; 1/17/84  
Draft: to revise according to EPA comments.

Date of Draft: 1/17/84 (Pre-Reg) (S)  
Supersedes Pre-Reg Draft Dated: 12/6/83

**LAWN FOOD AND INSECTICIDE**

28-3-9 Fertilizer with OFFANOL Insec

Treats 11,000 square feet

**ACTIVE INGREDIENT:**

1-Methylethyl 2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]benzoate ..... 1.25%

**INERT INGREDIENTS** ..... 98.75%  
100.00%

U.S. Patent No. 3,621,067  
Canadian Patent No. 625,198

EPA File Symbol No. 3125-  
EPA Reg. No. 3125-

Total Nitrogen ..... 28.0%  
1.2% Ammoniacal Nitrogen  
20.8% Urea Nitrogen  
6.0% Sulfur Coated Urea Nitrogen  
Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>) ..... 3.0%  
Soluble Potash (K<sub>2</sub>O) ..... 9.0%  
Sulfur (S) ..... 4.5%

PRIMARY PLANT FOOD SOURCES: Ammoniated Phosphate, Urea, Muriate of Potash, Ammoniated Phosphates and Sulfur Coated Urea. Sulfur derived from Sulfur Coated Urea. Potential acidity equivalent to 1,040 lbs. Calcium Carbonate per ton.

**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

NET WEIGHT 40 POUNDS

MOBAY CHEMICAL CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Missouri 64120

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 14 1984

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

3125-350

LAWN FOOD AND INSECTICIDE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or absorbed through the skin. May cause eye irritation. 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.

**SYMPTOMS OF POISONING:** A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

In case of poisoning, call a physician or Poisoning Control Center. Have patient lie down and keep quiet.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, 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. Get medical attention immediately. If on skin, wash skin immediately with soap and warm water. If irritation occurs, get medical attention. If eyes are contaminated, wash with plenty of water for at least 15 minutes. Get medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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

Active ingredient 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. Do not apply directly to water or wetlands. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of or disposal of wastes.

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, preferably in a locked storage area.

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. If material cannot be used as directed, dispose of by wrapping in paper and put in trash collection.

Lawn Food and Insecticide

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 LAWN FOOD AND 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 DIRECTIONS. 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. MOBAY 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 MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

RECOMMENDED APPLICATIONS

The use of this product at the rate of 3 2/3 lbs. per 1000 sq. ft. will provide 1 lb. of nitrogen per 1000 sq. ft. At the same time this application will provide control of the below listed pests. The timing of the applications vary dependent upon the insect which is being controlled. Follow the directions as specified below for control of the listed turf grass pests. Consult your local turf, State Agricultural Experiment Station, or State Extension Specialists for more specific information regarding the timing of applications.

White grub larvae (such as Japanese beetle, Black turf grass atenius, Northern masked chafer, European chafer, June and May beetle)

Preventive applications

To control the above listed pests apply Lawn Food and Insecticide at the rate of 3 2/3 lbs/1000 sq. ft in the Spring (April thru mid May) and immediately apply sufficient water to wet the soil 1 to 1 1/2 inches deep without causing run off.

Curative applications

If visible damage or high grub populations have been observed apply 3 2/3 pounds per 1000 sq. ft. and immediately apply sufficient water to wet the soil 1 to 1 1/2 inches deep without causing run off.

Billbug larvae Apply 3 2/3 lbs/1000 sq. ft. when adult activity is observed in the Spring usually late March to mid May. Water in as for preventive white grub control.

Hyperodes weevil larvae Apply at the rate of 3 2/3 lbs per 1000 sq ft in the Spring between full bloom periods of forsythia and flowering dogwood, usually April 15 to May 15 and water-in as for preventive white grub control.

Mole crickets Apply at the rate of 3 2/3 lbs. per 1000 sq. ft. preventively or when damage is observed. Apply 1/2 to 1 inches of water immediately after application if rainfall does not occur.

## Lawn Food and Insecticide

### Sod webworm

#### Larvae

Apply 1 lb. 14 ozs. or 3 2/3 lbs. per 1000 sq. ft., (use higher rate for severe infestations) when insect damage is first observed. Apply 1/4 to 1/2 inch of water immediately after treatment. Re-apply as necessary for pest re-infestation (see restrictions)

### Chinch bugs

### APPLICATION TECHNIQUES

The application of Lawn Food and Insecticide can be made using a drop spreader. When using a drop spreader the application 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 Lawn Food and Insecticide over the area, and then immediately apply the remaining half at right angles or crosswise. The full recommended rate must be used for maximum benefit.

When applying Lawn Food and Insecticide, use appropriate marking systems and make application when wind is calm to prevent missed areas.

### SPREADER SETTINGS

Approximate spreader setting's to apply Lawn Food and Insecticide at the required rate are listed below. They are calculated to deliver the correct amount based on new equipment and ideal conditions. This serves as a guide only. Calibration of each spreader is necessary to apply an accurate rate.

#### Suggested Spreader Settings

<u>Spreader Mfg.</u>	<u>Speed</u> M.P.H.	<u>Width of Coverage</u>	<u>Settings</u>	
			(3 2/3 lbs. per 1000 sq. ft.)	(1 lb. 14 ozs. per 1000 sq. ft.)
Cyclone	3	6 ft.	3.75	3.25

### RESTRICTIONS

Do not mow treated turf before rainfall or irrigation has been applied as per recommended applications. Keep children and pets off treated areas until dry.

Do not use clippings from treated areas for feed or forage or allow food animals to graze treated areas.

The maximum amount of Lawn Food and Insecticide which can be used is 7 1/3 lbs. per 1000 sq. ft. per year. Applications at the rate of 1 lb. 14 ozs. per 1000 sq. ft. must have a 15 day interval and applications at the rate of 3 2/3 lbs. per 1000 sq. ft. must have a 30 day interval between applications. A maximum of 1.45 ounces of active ingredient per 1000 sq. ft. per acre per year can be applied regardless of formulation.

OFTANOL is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRY

3125-350

DATE OF ISSUE

2/14/84

TERM OF ISSUE

**NOTICE OF PESTICIDE:**

REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

RAW FOOD AND FEEDSTUFFS

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

MOBAY CHEMICAL CORP.  
Agricultural Chemicals Division  
P.O. Box 4913  
Kansas City, MO. 64120

**BEST DOCUMENT AVAILABLE**

**NOTE:** Changes in labeling forms 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 U.S. EPA registration number.

On the basis of information furnished by the registrant, the Administrator has determined that the product is eligible for registration under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this 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.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase: "EPA Registration No. 3125-350"
  - b. The signal word CAUTION must appear directly beneath the statement: HAZARD TO HUMANS AND DOMESTIC ANIMALS.
  - c. Submit the stability data within one year from the date of this registration.
3. Submit a copy of your final printed labeling before you release the product for shipment. Refer to the A-72 instructions for the format of your final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

3125-250

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.



William H. Miller  
Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (75-767)

BEST DOCUMENT AVAILABLE