

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

EPA REGISTRATION NO.
8378-16

DATE OF ISSUANCE
8-7-85

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

NAME OF PESTICIDE PRODUCT

Shaw's Fertilizer With
Insecticide Contains
1.5% Oftanol

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Knox Fertilizer & Chemical Co., Inc.
P.O. Box 248
Knox, IN 46534

160
18
151,974

NOTE: Changes in labeling formula 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 above named pesticide is hereby Registered/Reregistered 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. 8378-16."
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 (TS-767)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

William H. Miller

DATE

8-7-85

Reg # 8378-10 PM10
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COMFILE B:83-OFTNL.LAB
EPA FILE SYMBOL: 8378-

PAGE 1 OF 4

15 POUNDS
COVERS 5,000 SQ. FT.

S H A W ' S

BEST AVAILABLE COPY

F E R T I L I Z E R W I T H I N S E C T I C I D E

(R)
CONTAINS 1.5% OFTANOL
INSECTICIDE

INSECTICIDE PLUS 25-3-3 LAWN FOOD

FOR CHINCHBUGS, SOD WEBWORMS, BILLBUG LARVAE, WHITE GRUB LARVAE,
AND IMPORTED FIRE ANTS

ACTIVE INGREDIENT:

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

*U.S Patent No. 3,621,082 Canadian Patent No. 825,198
(R) Oftanol is a Reg. TM of the Parent Company of Farbenfabricken Bayer
GmbH, Leverkusen

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with fingure. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Wash affected are with soap and warm water.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 8378-

EPA EST. NO. 8378-II-1

NET WEIGHT 15 POUNDS

KNOX FERTILIZER & CHEMICAL CO., INC.
W. Culver Road
Mailing Address: P. O. Box 248
Knox, Indiana 46534

ACCEPTED

AUG 7 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8378-10

Reg # 8378 J 2M10
3015

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before re-use. Keep children and pets off treated areas until insecticide has been washed to soil level and grass is dry.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands. Keep out of lakes, streams and ponds.

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. **STORAGE.** Store product in original container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. **HOUSEHOLD:** Do not re-use empty bag. Wrap and put in trash.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N) 25%
1.06% Ammoniacal Nitrogen
21.69% Urea Nitrogen
*2.25% Coated Slow Release Urea Nitrogen
Available Phosphoric Acid (P2O5) 5%
Soluble Potash (K2O) 5%

Derived from: Urea, Sulfur-Coated Urea, Ammoniated Phosphate and Muriate of Potash. *10% of the Urea has been sulfur coated to provide 2.25% slow release nitrogen. Calcium Carbonate equivalent 1035 lbs. per ton.

THESE PLANT NUTRIENTS ARE WHAT YOUR GRASS NEEDS IN THE SPRING TO GREEN-UP AND TAKE OFF. AND THE INSECTICIDE IN THIS PRODUCT WILL PROVIDE CONTROL OF THE FOLLOWING PESTS:

- | | | |
|-------------------|--------------------------|-----------------------------|
| | IMPORTED FIRE ANTS | |
| SURFACE FEEDING - | CHINCHBUGS | **WHITE GRUB LARVAE: |
| | SOD WEBWORM LARVAE | CHAFERS; PHYLLOPHAGA, Spg.; |
| | | BLACK TURF GRASS ATAEINIUS; |
| ROOT FEEDING - | BILLBUG LARVAE | GREEN JUNE BEETLE; JAPANESE |
| | HYPEROIDES WEEVIL LARVAE | BEETLE; ORIENTAL BEETLE; |
| | WHITE GRUB LARVAE** | ASIATIC GARDEN BETTLE. |

For best results, follow the timing and watering instructions below for the specific insects you need to control. Apply this product at the rate of 3 lbs. per 1,000 Sq.Ft. using the recommended spreader settings.

DIRECTIONS FOR USE (Cont.)

USE 15 POUNDS TO TREAT 5,000 SQ.FT. OF TURFGRASS AREA.

CHINCH BUGS AND SOD WEBWORM LARVAE: Apply when insect damage is first observed and immediately apply enough water to wet the soil 1/4 to 1/2 inches deep without causing run-off. Reapply as necessary for pest reinfestations. ***Restrictions - Do not apply more than 6 lbs./1,000 Sq.Ft. per year or an equivalent amount of 1.45 ounces of Active Ingredient per 1,000 Sq.Ft. regardless of formulation used. Minimum interval between applications must be 30 days.

BILLBUG LARVAE: Apply when adult activity is observed in the spring, usually late March to Mid-May, and immediately apply enough water to wet the soil to 1 to 1 1/2 inches deep without causing run-off.

HYPEROIDES WEEVIL LARVAE: Apply in the spring between full bloom periods of Forsythia and Flowering Dogwood, usually April 15 to May 15, and immediately apply enough water to wet the soil to 1 to 1 1/2 inches deep without causing run-off.

WHITE GRUB LARVAE: (Such as Japanese Beetle, Black Turf Grass Ataenius, Chafer, Phyllophaga spp., Green June Beetle, Oriental Beetle and Asiatic Garden Beetle. PREVENTIVE APPLICATIONS: Apply in the spring (April through Mid-May) and immediately apply enough water to wet the soil 1 to 1 1/2 inches deep without causing run-off.

CURATIVE APPLICATION: Apply when visible damage or high Grub populations have been observed and immediately apply enough water to wet the soil to 1 to 1 1/2 inches deep without causing run-off.

***** IMPORTANT RESTRICTIONS *****

For Billbugs, Hyperoides Weevil and White Grub Larvae do not apply more than 6 lbs. of this product /1,000 Sq.Ft. per year or an equivalent amount of 1.45 ounces of Active Ingredient per 1,000 Sq.Ft. regardless of formulation used. Minimum interval between applications must be 30 days.

IMPORTED FIRE ANT: Area Fire Ant Control- Apply 3 lbs./1,000 Sq.Ft. of turf uniformly over the 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.

Established Fire Ant Mounds - DRENCH TREATMENTS

WET CONDITIONS-Distribute 1/2 ounce (1 1/2 tbsp) per 9 Sq.Ft. & 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 per season.

APPLICATION EQUIPMENT

For best results apply uniformly with a spreader designed to apply granular herbicides and insecticides to turf. Both drop type and rotary type spreaders may be used. Avoid using spreaders that apply in narrow concentrated bands. Calibrate equipment prior to use according to manufacturers directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

APPLICATION TECHNIQUES

For maximum benefit apply the full recommended amount. Apply when the wind is calm to prevent missed areas. Follow watering instructions after applying.

SPREADER	SETTING	Settings may vary with the age and condition of your spreader. Ask your dealer for settings to use on other brands of spreaders.
Cyclone	4	
Ortho (Rotary)	4	
Ortho (Drop)	6 1/2	
Scotts PF.1	6 1/2	

