

PMTK 32082-23  
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11-1-85

# STOP GRUB PLUS With Turf Food

Contains 1.5% Oflanol\* Insecticide

**For Sod Webworms, Chinch Bugs, Billbug Larvae, White Grub Larvae, Hyperodes Weevil Larvae and Imported Fire Ants**

Oflanol\* is a Registered Trademark of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

U.S. Patent No. 3,621,082

Canadian Patent No. 825,198

**ACTIVE INGREDIENTS:**

1-Methylethyl 2-((ethoxy ((1-methylethyl)-amino) phosphinothioyl) oxy) benzoate\* 1.5%

**INERT INGREDIENTS:** 98.5%

**Total 100.00%**

**Howard Johnson's Enterprises, Inc.  
Viroqua, WI 54665, Neosho, MO 64850**

**EPA REG. NO. 32802-23**

**EPA EST. NO. 32802-WI-1 (A)  
32802-MO-1 (B)**

The first letter of code indicates location of manufacturing plant.

**NET WEIGHT 45 POUNDS**

Fertilizer guarantee found on separate tag.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**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 finger. 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 area with soap and water. Get medical attention.

**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 drinking. 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 ponds. Keep out of lakes, streams and ponds. Apply this product only as directed.

**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 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.

**DIRECTIONS FOR USE (Cont.)**

**WILL CONTROL THE FOLLOWING INSECTS AS LISTED**

<b>SURFACE FEEDING</b>	Imported Fire Ants Chinch Bugs Sod Webworm Larvae
<b>ROOT FEEDING</b>	Billbug Larvae Hyperodes Weevil Larvae White Grub Larvae: Chafers, Phyllophaga Spp.; Black Turfgrass Attenius.

**SURFACE INSECT CONTROL and FERTILIZING THE LAWN  
45 POUNDS TREATS AND FEEDS UP TO 30,000 SQ. FT. OF LAWN**

For preventive insect control, apply 45 lbs. to cover 30,000 Sq. Ft. If pests are present and damaging turf, apply at rate of 45 lbs. to 15,000 Sq. Ft. —For **CHINCH BUGS, SOD WEBWORM LARVAE:** Apply when insect damage is first observed and immediately apply enough water to wet the soil  $\frac{1}{2}$  to  $\frac{1}{4}$  inches deep without causing run-off. Reapply as necessary for pest reinfestations.

**RESTRICTIONS—**Do not apply more than 6 lbs. per 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. If weeds are present for second generation Sod Webworm larvae, reapply in 30-45 days. See label note on 45#/30,000 sq. ft. rate.

**SOIL FEEDING INSECT CONTROL and FERTILIZING THE LAWN  
45 POUNDS TREATS AND FEEDS 15,000 SQ. FT. OF LAWN**

**BILLBUG LARVAE:** Apply when adult activity is observed in the spring, usually late March to Mid-May.

**HYPERODES WEEVIL LARVAE:** Apply in the spring between full bloom periods of Forsythia and Flowering Dogwood, usually April 15 to May 15.

**WHITE GRUB LARVAE:** (Such as Japanese Beetle, Black Turf Grass Attenius, Chafers, Phyllophaga spp., Green June Beetle, Oriental Beetle and Asiatic Garden Beetle).

**PREVENTIVE APPLICATIONS:** Apply in the spring, April through Mid-May.

**CURATIVE APPLICATION:** Apply in July or early August when visible damage or high Grub populations have been observed.

**IMPORTANT RESTRICTIONS:** For Billbugs, Hyperodes Weevil and White Grub Larvae, do not apply more than 6 lbs. of this product per 1,000 sq. ft. per year or an equivalent amount of 1.45 oz. of Active Ingredient per 1,000 sq. ft., regardless of formulation used. Minimum interval between applications must be 30 days.

**IMPORTANT—IMMEDIATELY AFTER SOIL INSECT TREATMENT APPLY ENOUGH WATER TO WET THE SOIL 1 TO 1½ INCHES DEEP WITHOUT CAUSING RUN-OFF.**

**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  $\frac{1}{2}$  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**

1. **WET CONDITIONS—**Distribute  $\frac{1}{2}$  ounce (1½ tbsps) per 9 sq. ft. (3 ft. x 3 ft.) & immediately sprinkle gently with 3 gallons of water.

2. **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 AND TECHNIQUES**

For best results, apply uniformly with a spreader designed to apply granular herbicides and insecticides to turf. Both drop type and rotary spreaders may be used. Avoid using spreaders that apply in narrow concentrated bands. Calibrate equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly. Follow directions. Apply when the wind is calm to prevent misses. Follow watering instructions.

**SUGGESTED SPREADER SETTINGS FOR  
APPLYING 15 LBS./5,000 SQ. FT.**

Spreader	Setting	Spreader	Setting
CYCLONE	4	ORTHO (DROP)	2½
ORTHO (ROTARY)	4	SCOTTS PF-1	6½

\*Consult Spreader Manual for  $\frac{1}{2}$  rate of 45 lbs./30,000 Sq. Ft.

Settings may vary with the age and condition of your spreader. Ask your dealer for settings to use on other brands of spreaders.

**GENERAL APPLICATION RESTRICTIONS**

For effective insect control and as a general practice or as indicated above, make sure to "water-in" the insecticide after each application. Do not mow the treated area before irrigation has been completed or before insecticide has been watered in (by rain). Do not collect clippings after the first mowing after application. Do not allow product to come in continuous contact with bare skin. Do not graze treated areas or use clippings from treated areas for feed or forage. Keep children and pets off treated areas until insecticide has been washed in and the grass is dry. Do not apply more than twice per year.