

High Point Mills
c/o Ms. Verona M. Sawyer
F.P.I.
1902 Tomahawk Ridge
New Lenox, IL 60451-2860

Dear Ms. Sawyer:

Subject: Amendment - Revise per Agency letter dated August 2, 1993
Turf Line Diazinon 5G. Lawn Insect Control
EPA Reg. No. 8780-51
Your submission dated February 9, 1994

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

- 1) Submit and/or cite all data or other materials required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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 bearing the amended labeling:
 - a. In the **Hazards to Humans & Domestic Animals**, add "Do not contaminate ornamental fish ponds." after "Food utensils ... use in measuring pesticides."
 - b. In the **If Swallowed** advice in the **Statement of Practical Treatment**, revise "and touch back of throat with finger" to read "and induce vomiting by touching back of throat with finger."
 - c. Add "Get medical attention." to the end of the **If on Skin** advice in the **Statement of Practical Treatment**.
 - d. Relocate the **Note to Physician** to the end of the **Statement of Practical Treatment**, i.e., after the **If in Eyes** advice.

- e. In the **Environmental Hazards**, add a comma after "waterfowl (ducks or geese)".
- f. Under **Overall Lawn Application**, after "For dung beetle grub control, apply in Spring or early Summer when damage is first noticed." add "Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs.".
- g. Under **SPOT TREATMENT**, revise "1-1/2" to "1 1/2" in both the **Ants** and **Digger Wasps** directions.

A stamped copy of the label is enclosed for your records.

Revised Confidential Statements of Formula (CSFs), for both the Basic and the Alternate formula, will have to be submitted for this product. The CSF for each supplier must include upper certified limits for the impurities of toxicological concern as identified in the Diazinon Registration Standard (TEPP, O,S-TEPP, S,S-TEPP, and oxo-diazinon), and should include signed and dated certification statements relative to FIFRA Sec 12 (a)(1)(C) and the method of arriving at the certified limits for the impurities (i.e., reliance on Ciba-Geigy's analysis, or another producer's analysis if another source of diazinon is used) and addressing data requirements under Guidelines 61-3 and 61-2b. Separate CSF forms should be submitted for each supplier since the levels of toxicologically significant impurities are different for each diazinon technical and the certification of analyses are only appropriate to each supplier's own material. The text of these certification statements is as follows:

I hereby certify that, for the purposes of FIFRA Sec.12(a)(1)(C), the description of the composition of [your product's name], EPA Reg. No. [insert correct number for your product], refers to the composition set forth on this Statement of Formula and supporting materials. This description includes the representation that (1) no ingredient will be present in the product in an amount greater than the upper certified limit or in an amount less than the lower certified limit specified for that ingredient in this Statement of Formula; and (2) if the Agency requires that the source of supply of an ingredient be specified, that all quantities of such ingredient will be obtained from the source specified in the Statement of Formula.

I certify that the upper certified limits for the impurities listed on this Statement of Formula are based on [your supplier's name] analysis and certification of limits for this product based on

[name of source product that your supplier has analyzed]. I further certify under Section 61-3 and 61-2(b) that there are no chemical reactions between diazinon and/or its impurities with the intentionally added inerts.

If you do not already have the impurities information required on the each CSF, please immediately contact your suppliers directly.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Rodenticide Branch
Registration Division (H7505C)

TURF
LINE

TURF LINE ⁽²⁾ DIAZINON 5G.
LAWN INSECT CONTROL

Treats up to 12,500 square feet. For outside use on the home lawn only.
THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 5.0%

Inert Ingredients: 95.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

JAPANESE BEETLE

CHINCH BUG

BLUEGRASS BILLBUG

(illustrations)

GRUB ADULT

CHINCH BUG

LARVA ADULT

SOD WEBWORM

EUROPEAN CHAFER

(illustrations)

LARVA ADULT

GRUB ADULT

ACCEPTED
with COMMENTS
in EPA Letter Dated

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

8780-51

TURF LINE DIAZINON 5G. LAWN INSECT CONTROL KILLS:

Ants
Armyworms
Bermudagrass Mites
Billbugs
Brown Dog Ticks
Chiggers
Chinch Bugs
Clover Mites

Crickets
Cutworms
Digger Wasps
Earwigs
Fire Ants*
Fleas
Lawn Moths
Leafhoppers
Millipedes

Springtails
Sod Webworms
Sowbugs
White Grubs of:
- European Chafer
- Japanese Beetle
- Southern Chafer
* Aids in Control

25 LBS. NET WT.

EPA Reg. No. 8780-51

EPA Est. No. 8780-NY-1

Manufactured By: HIGH POINT MILLS
A Division of Progressive Lawn Research, Inc.
Henrietta, NY 14467

TURF LINE a registered trademark of HIGH POINT MILLS

Revised A/O 8/2/93

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed, or absorbed through skin. Causes moderate eye injury. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before smoking or eating. Do not store near food or feed products. Food utensils such as spoons or measuring cups should not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass is dry.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Drink one or two glasses of water and touch back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.
Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.

IF IN EYES: Rinse eyes with plenty of water and call a physician immediately.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese) feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of granules. For lawns, follow all watering instructions in the directions for use, however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water that may attract waterfowl, such as ponds or lakes. Do not contaminate ornamental fish ponds. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash water.

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS. If terms are not acceptable, return the unopened product container at once.

OVERALL LAWN APPLICATION

Special Precautions to Reduce Risk to Birds

Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risks to birds:

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain water fowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions included within the directions for use, however, stop watering before puddling occurs.
6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than four applications per year.

This product controls certain lawn pests on both grass and dichondra lawns: Apply with a fertilizer spreader. Refer to following for use rates and spreader settings.

To control the following lawn insects: Chinch Bugs, Clover Mites, Crickets, Earwigs, Ants, Armyworms, Lawn Moths (Sod Webworms), Bermudagrass Mites, Brown Dog Ticks, Chiggers, Cutworms, Fleas, Leafhoppers, Sowbugs (Pillbugs), Millipedes, and Springtails (Collembola).

Apply at a rate of 2 lbs. per 1,000 sq. ft. (an area 20' x 50'). Apply when grass is dry. Water lawn lightly after application. If necessary repeat application at 3-week intervals. Make no more than 4 applications per year.

TO CONTROL THE FOLLOWING INSECTS IN THE LAWNS: Billbugs, White Grubs of European Chafer, Japanese Beetle, Southern Chafer, Dung Beetle (*Ataenius spretulus*).

For the above insects, apply at the rate of 2 lbs. per 1,000 sq. ft. (an area 20' x 50'). Water lawn with at least 1/4 inch of water after application, however, stop watering before puddling occurs. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or early Summer when damage is first noticed. Treat again in late Summer or early Fall if a second generation occurs.

To Control HYPERODES WEEVILS: Apply 2 lbs. per 1,000 sq. ft. Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

SPREADER SETTINGS FOR OVERALL LAWN APPLICATIONS: NOTE: The spreader settings listed are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust your spreader setting if necessary in order to insure the correct rate of application.

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SPREADER SETTING NUMBER	
To deliver 2 lbs. per 1,000 sq. ft.	
SPREADER MAKE	
Scott Precision Flow Spreader Model PF-4	4
Cyclone Model B1 Rotary	4-1/2

SPOT TREATMENT

Ants: Apply 1-1/2 teaspoons over and around each individual ant hill.

Fire Ants: To aid in the control of fire ants in lawns and other outdoor home recreation areas, apply 1/2 cup over, and 2 ft. around, each fire ant mound. Immediately after application, water-in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of 1 gal. of water should be applied to each mound area. Reapply as necessary.

NOTE: For best results, apply in cool weather, 65-80 F, or in early morning or late evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

Digger Wasps: Apply 1-1/2 teaspoons in and around nest opening. Apply at dusk when the wasps are not active.

BAND TREATMENT AROUND FOUNDATION:

The following insects are commonly found around or near house foundations and may enter the house:

Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola).

Apply a two foot band of Turf Line Diazinon 5G. Lawn Insect Control next to the house foundation. Distribute granules uniformly using a rate of 3.2 oz. for each 100 sq. ft. area (2' x 50') treated. If necessary, repeat application at 3-week intervals.

STORAGE AND DISPOSAL

Storage: Store in original container in a cool, dry, well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds food or feed.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty Bag. Discard in trash.

WARRANTY

The Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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