

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 26 1994

6-55 / 51167810
15 C.

Mr. Jeff Luedke
Green Light Company
P.O. Box 17985
San Antonio, Texas 78217-0985

Dear Mr. Luedke:

Subject: Amendment- Revise per Diazinon Registration Standard
Green Light Diazinon 5 Granules
EPA Registration Number 869-139
Your submission dated October 13, 1993

This 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 material 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. Under ENVIRONMENTAL HAZARDS change "(ducks, or geese)" to "(ducks or geese),".

b. Under STORAGE AND DISPOSAL add at the end of this section "For minor spills, leaks, etc., follow all precautions indicated on this label and cleanup immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of waste."

c. Under DIRECTIONS FOR USE change "Federal Law" to "Federal law".

d. In both places under TIMING/SPECIAL DIRECTIONS: change "Water grass with at least 1/4 inch of water after application, however, stop watering if puddling occurs." to read "Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs."

| | | | | | | | |
|---------|---------|--|--|--|--|--|--|
| SYMBOL | | | | | | | |
| SURNAME | J.L.S. | | | | | | |
| DATE | 9/26/94 | | | | | | |

2 7 7

e. Change "LAWN SPREADER SETTING NO." to "LAWN SPREADER SETTING NO.**".

f. Add after the last lawn spreader make and model the following footnote "*** For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft.".

g. Since all the directions for use on vegetables call for immediate soil incorporation, it would be better to revise "Unless directions under **Timing/Special Directions** state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application." to read "Applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.".

h. Under **ENVIRONMENTAL HAZARDS** change "Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark." to " Do not apply directly to water.".

3. Submit three (3) 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 section 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.

Your current Confidential Statement of Formula (CSF) does not list the impurities of toxicological concern separately nor does it include the diazinon certification for FIFRA Sec. 12(a)(1)(C), that the description of this product refers to the composition set forth on the CSF and supporting materials as required by the Diazinon Registration Standard. Please check with Ciba Geigy, your supplier in this regard and update your CSF accordingly.

Sincerely,

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

Enclosure

3 7 7
ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 26 1994

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

869-139

GREEN LIGHT DIAZINON 5 GRANULES

Lawn & Garden Insect Control

Treats Up To 4,000 Square Feet

Kills Ants, Armyworms, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Fire Ants (aids in control), Fleas, Onion Maggots, Root Maggots, Sod Webworms, White Grubs, Wireworms, and others.

This product must not be used on golf courses and sod farms.
For outdoor use on the home lawn and in the home garden only.

ACTIVE INGREDIENT:

Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl)-4-pyrimidinyl
phosphorothioate..... 5%

INERT INGREDIENTS..... 95%
Total 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Additional Precautionary Statement. On Back Of Bag

EPA Reg. No. 869-139

EPA Est. No. 869-TX-1

Net Wt. 8 lbs. (3.6 kg)

Formulated by Green Light Co., P.O. Box 17985, San Antonio, TX 78217-0985

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

STATEMENT OF PRACTICAL TREATMENT: IF SWALLOWED, Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the 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. **IF INHALED,** Remove victim to fresh air and apply artificial respiration, if indicated. **IF ON SKIN,** Wash promptly with soap and water. Rinse thoroughly. Get medical attention. **IF IN EYES,** Rinse eyes with plenty of water and call a physician immediately.

NOTE TO PHYSICIAN: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is indicated. 2-5 mg/kg body weight administered intravenously every 3-6 hours.

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ENVIRONMENTAL HAZARDS: This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks, or geese) feeding or drinking on treated arease 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. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

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 which may attract waterfowl, such as ponds or lakes.

Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 waters.

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 bag in trash.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT USE INDOORS.**

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 risk to birds:

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, 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 in the directions for use. however, stop watering before puddling occurs.

3 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 4 applications per year.

Green Light Diazinon 5 Granules controls certain lawn insects in both grass and dichondra lawns. Apply Diazinon 5 Granules with fertilizer spreader. Refer to the table that follows for use rates and spreader settings.

PEST: Ants, Armyworms, Bermudagrass Mites, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Lawn Moths (Sod Webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola). **RATE:** 2 lbs. per 1,000 sq. ft. **TIMING/SPECIAL DIRECTIONS:** 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.

PEST: Billbugs, White Grubs of Japanese Beetle, European Chafer, Southern Chafer, Ataenius spretulus (Dung Beetle). **RATE:** 2 lbs. per 1,000 sq. ft. **TIMING/SPECIAL DIRECTIONS:** Water grass with at least 1/4 inch of water after application, however, stop watering if puddling occurs. For Billbug control, apply when activity is first observed or when chewing grass indicates damage. 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 Summer, when damage is first noticed. Water grass with at least 1/4 inch of water application, however, stop watering if puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.

NOTE: The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application.

LAWN SPREADER SETTING NO.
(To deliver 2 lbs. per 1,000 sq. ft.)

| Spreader Make and Model | Setting |
|--|---------|
| Cyclone Model B1 Rotary | 4 1/2 |
| Ortho Drop Spreader Model 3000 | 4 1/2 |
| Ortho Broadcast Spreader Model 4000 | 4 1/2 |
| J.C. Penney Model 6005 | 7 1/4 |
| J.C. Penney Rotary Spreader | 5 |
| Scott Precision Flow Spreader Model PF-4 | 4 |
| Sears Craftsman Model 671.19198 | 6 |

LAWN SPOT TREATMENT

ANTS: Apply 1-1/2 teaspoons of Diazinon 5 Granules over and around each 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 distributing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of one

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gallon 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 of Diazinon 5 Granules in and around each nest opening. Apply at dusk when wasps are not active.

BAND TREATMENT AROUND HOUSE FOUNDATION

The following pests 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 2-foot band of Diazinon 5 Granules next to the house foundation. Distribute granules uniformly, using a rate of 3.2 ounces for each 100 sq. ft. of area (5'X20') treated. If necessary, repeat application at 3-week intervals.

VEGETABLES - INSECT CONTROL

Special Precautions To Reduce Risk To Birds

Birds feeding on treated areas may be killed. To reduce risk to birds:

1. Thoroughly mix Diazinon 5 Granules into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

Diazinon 5 Granules controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations. Do not apply this product to food crops grown in greenhouses. Unless directions under **Timing/Special Directions** state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

SOIL INCORPORATION

| Insect | Depth of Mixing or Incorporation into Soil |
|------------------------|--|
| Surface Cutworms* | 2-3 inches |
| Subterranean Cutworms* | 3-6 inches |
| Mole Crickets | 1-2 inches |
| Root Maggots | 3-4 inches |
| Wireworms | 4-8 inches |

*If type of cutworm can not be identified, mix into soil 4-6 inches deep.

| Crop | Pest | Rate | Timing/Special Directions |
|--|----------|-----------------------------|---|
| Beans (Lima, Pole, and Snap) (succulent only) | Cutworms | 7-14 oz. per 500 sq. ft. | Broadcast and mix into soil just before planting |
| Celery | | | |

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|--|---------------|-------------------------------|--|
| Cucumbers Spinach Squash (Summer and Winter) | Wireworms | 10½-14 oz. per 500 sq. ft. | |
| Carrots Lettuce Peppers Tomatoes | Cutworms | 7-14 oz. per 500 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 10½-14 oz. per 500 sq. ft. | |
| | Mole Crickets | 3½ oz. per 500 sq. ft. | Broadcast and mix into soil 1-2 days before planting. |
| Cabbage Cauliflower | Root Maggots | 7-10½ oz. per 500 sq. ft. | Broadcast and mix into soil just before planting or transplanting. |
| | Cutworms | 7-14 oz. per 500 sq. ft. | Broadcast and mix into soil just before planting. |
| | Wireworms | 10½-14 oz. per 500 sq. ft. | |
| | Mole Crickets | 3½ oz. per 500 sq. ft. | Broadcast and mix into soil 1-2 days before planting. |

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