



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 30 2001

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

Dear Mr. Luedke:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Celery;
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source
Green Light Diazinon 5 Granules
EPA Registration Number 869-139
Your submissions dated June 7 and August 10, 2001

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 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. Revise the front panel use site limitation slightly so that it reads "For outdoor use on the home lawn and the home garden only".
 - b. Under the heading DIRECTIONS FOR USE, slightly revise the reformulation prohibition to read "Reformulation or repackaging of this product is prohibited."..
 - c. Under the heading VEGETABLES - INSECT CONTROL, revise "Do not apply this product to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

4. Comply with all applicable provisions of the 2000 Memorandum of Agreement Regarding Pesticide Products Containing Diazinon (i.e., the Diazinon MOA). In accordance with the Diazinon MOA you have requested the following revisions to the conditions of registration for this diazinon product with outdoor non-agricultural (i.e., home and garden) uses:
- a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.
 - b. You may not manufacture, label, or release for shipment this product after June 30, 2003.
 - c. You may not sell or distribute this product after August 31, 2003.
 - d. The registration for this product shall expire and be canceled on December 31, 2004.
 - e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

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.

The Alternate Confidential Statement of Formula (CSF) dated June 7, 2001 which identifies a replacement diazinon source Manufacturing Use Product is acceptable and has been added to this product's registration file.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV 30 2001

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 5,000 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.

For outdoor use on the home lawn and in the home garden 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%
OTHER INGREDIENTS	<u>95%</u>
Total	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Additional Precautionary Statements On Back Of Bag

EPA Reg. No. 869-139

EPA Est. No. 869-TX-1

Net Weight 10 lbs. (4.5 kg)

Formulated by Green Light Company, 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.

ENVIRONMENTAL HAZARDS: This product 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. 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. 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. 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.

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

<p>OVERALL LAWN APPLICATION Special Precautions To Reduce Risk To Birds</p> <p>Birds, especially waterfowl (ducks or geese) feeding or drinking on treated areas may be killed. To reduce risk to birds:</p> <ol style="list-style-type: none"> 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.
- 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 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 before 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 after application; however, stop watering before 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
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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

**For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft.

LAWN SPOT TREATMENT

Ants: Apply 1-1/2 teaspoons of Diazinon 5 Granules over and around each ant hill.

Fire Ants: To aid in 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 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 (2' X 50') 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. 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 the soil just before planting.
CUCUMBERS SPINACH SQUASH (Summer and Winter)	Wireworms	10-1/2 to 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	10-1/2 to 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

CABBAGE
CAULIFLOWER

Root Maggots	7 to 10-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
Cutworms	7 to 14 oz. per 500 sq. ft.	
Wireworms	10-1/2 to 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.