

961-358

11/20/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Henry Rohland
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

NOV 20 2001

Dear Mr. Rohland:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Celery;
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source
Lebanon Lawn and Garden Insecticide with Diazinon 5G
EPA Registration Number 961-358
Your submission dated August 20, 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 site limitation slightly so that it reads: FOR OUTDOOR USE ON THE HOME LAWN AND THE HOME GARDEN ONLY.
 - b. Replace the Hazards to Humans and Domestic Animals text with the following (combining some of your proposed additions with the previous homeowner-product text which should not have been deleted):

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling and before eating, or smoking. Remove contaminated clothing and wash before reuse. Do not store near food or feed products. Food utensils such as spoons and 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.

- c. Directly under the heading FIRST AID add "This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase."

- d. Replace the proposed (manufacturing-use product) Environmental Hazards with the previous version as follows:

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 water.

- e. Under the heading STORAGE AND DISPOSAL, retain the proposed Container Disposal and spill information, but re-add the previously appearing Storage section as follows:

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

Also, replace the proposed (manufacturing-use product) Pesticide Disposal text with the previous version as follows:

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

- f. Under the heading DIRECTIONS FOR USE, slightly revise the reformulation prohibition to read "Reformulation or repackaging of this product is prohibited."
- g. Under the heading VEGETABLES - INSECT CONTROL, revise the sentence "Do not apply this product to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."

- h. Delete the Pest entry FLEA BEETLES and its associated crop Sweet Potatoes. Pre-plant soil application of a granular diazinon product will not control this foliar pest.
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 Basic Confidential Statement of Formula (CSF) dated August 17, 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)

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NET WEIGHT: XX LBS. (X.XX kg)
TREATS UP TO 5,000 SQ. FT.

LEBANON LAWN AND GARDEN INSECTICIDE WITH DIAZINON 5G

LAWN & GARDEN INSECT CONTROL

*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.
Ready-to-use Granules. Contains 5% diazinon insecticide.
Destroys damaging lawn insects and grubs above and below the soil.*

ACTIVE INGREDIENT:

| | |
|-------------------------|--------|
| Diazinon | 5.0% |
| OTHER INGREDIENTS | 95.0% |
| TOTAL | 100.0% |

EPA Reg. No. 961-358
CAS NO. 333-41-5

(L) (D)
EPA Est. 961-PA-01:961-IL-01
Superscript used is first letter of lot number.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See additional precautionary statements on back of bag.

See Directions for Use

**MANUFACTURED BY:
LEBANON SEABOARD CORPORATION
1600 EAST CUMBERLAND STREET
LEBANON, PA 17042
www.lebsea.com**

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PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not contaminate food or feed.

FIRST AID

- IF SWALLOWED:**
 - Call a poison control center or doctor immediately for treatment advice.
 - Have person sip a glass of water if able to swallow.
 - Do not induce vomiting unless told to do so by a poison control center or doctor.
 - Do not give anything by mouth to an unconscious or convulsing person.
- IF IN EYES:**
 - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.
- IF INHALED:**
 - Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
 - Call a poison control center or doctor for treatment advice.
- IF ON SKIN**
 - Take off contaminated clothing.
- OR CLOTHING:**
 - Rinse skin immediately with plenty of water for 15-20 minutes.
 - Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: This product contains diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal is a violation of Federal law. If pesticide or equipment rinsates cannot be used according to formulation instructions or chemically reprocessed, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or other emergency, call Chemtrec day or night at 1-800-424-9300.

In Lawns, this product kills:

| | | | | | |
|---------------------|-----------------|--------------|-------------|--------------------|-------------------|
| Ants | Brown Dog Ticks | Crickets | Fire Ants* | Millipedes | White Grubs of: |
| Armyworms | Chiggers | Cutworms | Fleas | Sod Webworms | • European Chafer |
| • Broadwinged Mites | Chinch Bugs | Digger Wasps | Lawn Moths | Sowbugs (Pillbugs) | • Japanese Beetle |
| • Bugs | Clover Mites | Earwigs | Leafhoppers | Springtails | • Southern Chafer |

*Aids in Control

In Gardens, this product kills:

| | | | | |
|----------|---------------|---------------|--------------|-----------|
| Cutworms | Mole Crickets | Onion Maggots | Root Maggots | Wireworms |
|----------|---------------|---------------|--------------|-----------|

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.

NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION OR FOR RESEARCH PURPOSES.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

SPECIAL PRECAUTIONS TO REDUCE RISKS 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 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.

OVERALL LAWN APPLICATION

This product controls certain lawn insects on both grass and dichondra lawns. Apply this product with a fertilizer spreader. Refer to the tables that follow for use rates and spreader settings. The maximum use rate on lawns is 4.3 lbs. a.i. per acre (2 lbs. of product per 1,000 sq. ft.).

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| PEST | RATE* | TIMING/SPECIAL DIRECTIONS |
|--|--------------------------|---|
| 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 (<i>Collembola</i>) | 2 Lbs. Per 1,000 Sq. Ft. | 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. |

| | | |
|---|--------------------------|---|
| Billbugs, White grubs of Japanese Beetle, European Chafer, Southern Chafer, <i>Ataenius spretulus</i> (dung beetle) | 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. For billbug control, apply when activity is first observed or when chewed 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. |
|---|--------------------------|---|

| | | |
|-------------------|--------------------------|--|
| Hyperodes Weevils | 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. |
|-------------------|--------------------------|--|

*1,000 sq. ft. = an area 20 ft. x 50 ft. 100 sq. ft. = an area 10 ft. x 10 ft. 2 lbs. per 1,000 sq. ft. = 3.2 oz. per 100 sq. ft.

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 |
|-------------------------|---------|
| Frank's Drop | 5 |
| Frank's Broadcast | 4 |
| Greenview (Drop) | 6 1/2 |
| Scott (Drop) | 6 |
| Cyclone | 4 1/2 |
| ORTHO 3000 | 4 1/2 |
| ORTHO 4000 | 4 1/2 |
| Sears | 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 this product 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 disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of 1 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 this product in and around each nest opening. Apply at dusk when wasps are not active.

ID 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 this product next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (2' by 50') treated. If necessary, repeat application at 3-week intervals. Band width must be no wider than 2 ft. and use rate no greater than 4.3 lbs. a.i. per acre (2 lbs. of product per 1,000 sq. ft.).

VEGETABLES - INSECT CONTROL

This product 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.

SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS

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

1. Thoroughly mix this product 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.

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 cannot be identified, mix into soil 4-6 inches deep.

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CUTWORMS

Beans* (Lima, Pole and Snap) - Succulent Only
Beets, Red (Table)
Broccoli
Brussels Sprouts
Cabbage
Carrots
Cauliflower
Collards

Cucumbers
Endive (Escarole)
Kale
Lettuce
Melons - (Cantaloupes, Casabas, Crenshaws,
Honeydew, Muskmelons, Persians and
hybrids of these) and Watermelons
Parsley

Peas** - Succulent Only
Peppers
Spinach
Squash (Summer & Winter)
Sweet Corn
Swiss Chard
Tomatoes

CUTWORMS (Surface and Subterranean)

Potatoes

Apply 7 to 14 oz. per 500 sq. ft. Broadcast and mix into soil just before planting.

NOTE: *Do not use on dried bean varieties, such as pintos, dried limas or navy beans.

** Do not use on dried pea varieties such as dried black-eyed peas.

MOLE CRICKETS

Beets, Red (Table)
Broccoli
Brussels Sprouts
Cabbage
Carrots

Cauliflower
Collards
Endive (Escarole)
Kale
Lettuce

Mustard
Peppers
Radishes
Tomatoes
Turnips

Apply 3 1/2 oz. per 500 sq. ft. Broadcast and mix into soil 1-2 days before planting.

WIREWORMS

Beans* (Lima, Pole and Snap) - Succulent Only
Beets, Red (Table)
Broccoli
Brussels Sprouts
Cabbage
Carrots
Cauliflower
Collards
Cucumbers

Endive (Escarole)
Kale
Lettuce
Melons - (Cantaloupes, Casabas, Crenshaws,
Honeydew, Muskmelons, Persians and
hybrids of these) and Watermelons
Onions (Green & Bulb)
Parsley
Peas** - Succulent Only

Peppers
Potatoes
Spinach
Squash (Summer & Winter)
Sweet Corn
Sweet Potatoes*
Swiss Chard
Tomatoes
Turnips

Apply 10 1/2 to 14 oz. per 500 sq. ft. Broadcast and mix into soil just before planting.

*For Sweet Potatoes, apply 10 1/2 oz. per 500 sq. ft. Broadcast and mix into soil just before planting.

NOTE: *Do not use on dried bean varieties, such as pintos, dried limas or navy beans.

** Do not use on dried pea varieties such as dried black-eyed peas.

ROOT MAGGOTS

Broccoli Brussels Sprouts Cabbage Cauliflower

Apply 7 to 10 1/2 oz. per 500 sq. ft. Broadcast and mix into soil just before planting or transplanting.

ONION MAGGOTS

Onions (Green & Bulb)

Apply 7 to 14 oz. per 500 sq. ft. Broadcast and mix into the top 3-4 inches of soil.

NOTE: *Resistant onion maggots will not be controlled by diazinon or other similar type insecticides.*

BEETLES

Sweet Potatoes

Apply 10 1/2 oz. per 500 sq. ft. Broadcast and mix into soil just before planting.

SEED CORN MAGGOTS

Sweet Corn

Apply 7 to 14 oz. per 500 sq. ft. Broadcast and mix into soil 2 inches just before planting.

CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application all of which are beyond the control of the Manufacturer or the Seller. All such risks shall be assumed by the Buyer.

The Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above.

The Manufacturer makes no expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The Manufacturer and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of the Manufacturer.