

19713-263

2/27/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

FEB 27 2003

Ms. Luz Piwonka
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

Dear Ms. Piwonka:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Celery; Add Rutabagas and Turnips;
Update First Aid per PR Notice 2001-1; and
Update CSF/ replacement diazinon source

Drexel Diazinon 5G

EPA Registration Number 19713-263

Your submissions dated April 15 and September 13, 2002; and February 27, 2003

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 "For outdoor use on the home lawn and in the home garden only." to read "For outdoor use on the home lawn and home garden only".
 - b. On page 4, in the Lawn Pest directions for control of Billbugs, etc., revise "if puddling" to read "before puddling".
 - c. On page 5 in the directions for Fire Ant control, revise the beginning of the first sentence to read "To aid in the control of fire ants in home lawns and other outdoor home recreation areas."
 - d. In the directions for use on Sweet Potatoes, delete the foliar pest Flea Beetles which will not be controlled by pre-plant soil application of granular diazinon.

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) submitted April 15, 2002 which identifies a replacement diazinon source Manufacturing Use Product is acceptable and has been added to this product's registration file.

Sincerely,

Dana R. Pilitt

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

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DREXEL
DIAZINON 5G
LAWN AND 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
TREATS UP TO 5000 SQUARE FEET

DIAZINON KILLS:

- | | |
|--------------------|-----------------|
| Ants | Fire Ants* |
| Armyworms | Fleas |
| Bermudagrass Mites | Onion Maggots |
| Billbugs | Root Maggots |
| Brown Dog Ticks | Sod Webworms |
| Chiggers | White Grubs of: |
| Chinch Bugs | Japanese Beetle |
| Crickets | European Chafer |
| Cutworms | Southern Chafer |
| Earwigs | Wireworms |
| | and others |

* Aids in control.
See Directions for Use

ACTIVE INGREDIENT:
Diazinon 5.0%

OTHER INGREDIENTS: 95.0%

TOTAL: 100.0%

Contains 5% Diazinon Insecticide

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA Reg. No. 19713-263
EPA Est. No. 19713-GA-1

Manufactured by:
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38133-0327

Net Weight: 10 Pounds

ACCEPTED
with COMMENTS
In EPA Letter Dated:
FEB 27 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
19713-263

See FIRST AID Below

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FIRST AID ORGANOPHOSPHATE
IF SWALLOWED: <ul style="list-style-type: none">• 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 comatose person.
IF IN EYES: <ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF ON SKIN OR CLOTHING: <ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.
IF INHALED: <ul style="list-style-type: none">• 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-856-7378.
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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. 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 water.

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IN LAWNS DIAZINON 5G KILLS:	IN GARDENS DIAZINON 5G KILLS:
Ants Armyworms Bermudagrass Mites Billbugs Brown Dog Ticks Chiggers Chinch Bugs Clover Mites Crickets Cutworms Digger Wasps Earwigs Fleas Fire Ants* Lawn Moths Leafhoppers Millipedes Sod Webworms Sowbugs Springtails White Grubs of . European Chafer . Japanese Beetle . Southern Chafer	Cutworms Mole Crickets Onion Maggots Root Maggots Wireworms

*Aids in Control.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Repackaging and reformulation of this product is prohibited.

OVERALL LAWN APPLICATION:

Special Precautions To Reduce Risk To Birds
 Bird, especially waterfowl (ducks or geese), feeding and 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.

Drexel Diazinon 5G controls the following lawn insects on both grass and dichondra lawns. Apply Diazinon 5G with fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

Note: Sweep any granules on walkways, driveways, or patios into the surrounding lawn area.

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./ 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./ 1,000 sq. ft.	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 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 if puddling occurs. Treat again in late summer or early fall if a second generation occurs.
Hyperodes weevils	2 lbs./ 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./1,000 sq. ft. = 3.2 oz./100 sq. ft.

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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./1,000 sq. ft.)

Spreader Make and Model	Setting
Craftsman Broadcast	3 1/4
Craftsman Drop Spreader 1976	6
Cyclone Rotary	4 1/2
Greenview Drop II	5 1/2
Greenview Jet Spread II	4
JC Penney Model 6005	7 1/4
JC Penney Rotary	5
Republic EZ Broadcast 540 & 550	2
Republic EZ Drop 530	6 1/2
Scott Easy Green	26
Scott Precision Drop	4 3/4
Scott Precision Flow Spreader Model PFA	4
Scott Speedy Green Medalion	3 1/2
Servistar Broadcast	4
Servistar Drop	6
True Temper Broadcast	4
True Temper Drop	6

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

LAWN SPOT TREATMENT

Ants: Apply 1-1/2 teaspoons of Drexel Diazinon 5G 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 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 degrees 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 Drexel Diazinon 5G 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 foundations, and may enter the house:

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

Apply a 2 foot band of Drexel Diazinon 5G next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (2ft. by 50ft) 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 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.

Drexel Diazinon 5G 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 use this product 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
Mole crickets	1-2 inches
Onion maggots	3-4 inches
Root maggots	3-4 inches
Seed corn maggots	2 inches
Surface cutworms*	2-3 inches
Subterranean cutworms*	3-6 inches
Wireworms	4-8 inches

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

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Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole, and Snap) (succulent only)	Cutworms	7-14 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz/ 500 sq. ft.	
Note: Do not use on dried bean varieties, such as pintos, dried limas, or navy beans.			
Beets, Red (Table)	Cutworms	7-14 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz/ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Broccoli	Root Maggots	7-10 1/2 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 oz/ 500 sq. ft.	
	Wireworms	10 1/2-14 oz/ 500 sq. ft.	
	Mole Crickets	3 1/2 oz/ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Brussels Sprouts	Root Maggots	7-10 1/2 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 oz/ 500 sq. ft.	
	Wireworms	10 1/2-14 oz/ 500 sq. ft.	
	Mole Crickets	3 1/2 oz/ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Cabbage	Root Maggots	7-10 1/2 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 oz/ 500 sq. ft.	
	Wireworms	10 1/2-14 oz/ 500 sq. ft.	
	Mole Crickets	3 1/2 oz/ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Carrots	Cutworms	7-14 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz/ 500 sq. ft.	
	Mole Crickets	3 1/2 oz/ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Cauliflower	Root Maggots	7-10 1/2 oz/ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 oz/ 500 sq. ft.	
	Wireworms	10 1/2-14 oz/ 500 sq. ft.	
	Mole Crickets	3 1/2 oz/ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.

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Crop	Pest	Rate	Timing/Special Directions
Collards	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Cucumbers	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Endive (Escarole)	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Kale	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Lettuce	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Musk- melons, Persians, and Hybrids of these), and Watermelons	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Mustard	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Onions (Bulb and Green)	Onion Maggots	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting. Note: Resistant onion maggots will not be con- trolled by diazinon or similar type insecticides.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	

Crop	Pest	Rate	Timing/Special Directions
Peas (succulent only)	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Notes: Do not use on dried pea varieties, such as dried black-eyed peas.			
Peppers	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Potatoes	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Radishes	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Rutabagas	Wireworms	10 1/2-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Spinach	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Squash (Summer and Winter)	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Sweet Corn	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Seed Corn Maggots	7-14 oz./ 500 sq. ft.	
Sweet Potatoes	Wireworms Flea Beetles	10 1/2 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
Swiss Chard	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
Tomatoes	Cutworms	7-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz./ 500 sq. ft.	
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.
Turnips	Wireworms	10 1/2-14 oz./ 500 sq. ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	3 1/2 oz./ 500 sq. ft.	Broadcast and immediately mix into the soil 1-2 days before planting.

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 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 1-800-424-9300 day or night.

WARRANTY - CONDITIONS OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

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 when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.