

Reg # 192-165

PM-13

199

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

~~6555-163858~~
17/9

AUG 29 1994

Mr. Michael A. Jackson
Dexol Industries
1450 W. 228th Street
Torrance, CA 90501

Dear Mr. Jackson:

Subject: Amendment- Revise per Diazinon Registration Standard
Dexol Diazinon 2% Granules
EPA Registration Number 192-165
Your submission dated October 8, 1993

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, and a copy of a stamped label is enclosed for your records.

Please make the following revisions when preparing the actual finished label:

1. On front panel change "Fire Ants" to "Fire Ants*".
2. On front panel below list of pests add "*Aids in control".
3. On front panel change "White Grubs of Japanese Beetle, Southern Chafer, Ataenius spretulus (dung beetles)" to read "White Grubs of: Japanese Beetle, Southern Chafer, Ataenius spretulus (dung beetles)".
4. Under To Control White grubs...(dung beetles) change "stop watering if puddling occurs." to read "stop watering before puddling occurs.". This occurs twice within this paragraph.
5. Under To Control White grubs...(dung beetles) change "apply in Spring or Summer"" to read "apply in Spring or early Summer".

CONCURRENCES

SYMBOL	4112565C						
SURNAME	JAO						
DATE	6/21/94						

6. For the containers larger than the one pound sprinkle canister, a lawn spreader setting table should be located to appear at the end of the overall lawn application directions, i.e., just before the heading "LAWN SPOT TREATMENT". The lawn spreader setting table should contain specific recommendations (in the "setting" column) for typical current homeowner-use spreaders and must reflect the single acceptable rate of 5 lbs. per 1000 sq. ft.. Typical settings based on Ciba-Geigy's 2G label are presented below. Please verify that these settings are appropriate for your product to achieve the application rate of 5 lbs. per 1000 sq. ft..

LAWN SPREADER SETTING NO. (TO deliver 5 lbs. per 1000 sq ft.)

<u>Spreader Make and Model</u>	<u>Setting</u>
Central Imperial Mark No. 1662-G	7 1/2
Central Suburbia Lawn Spreader No. 1622-0	7 1/2
Cyclone Model B1 Rotary	6
Greenfield Model 105	8
J. C. Penny Model 6005	8 1/2
J. C. Penny Rotary Spreader	8
Scott Precision Flow Spreader Model PF-4	6 1/2
Sears Craftsman Model 671.19198	7 1/2

7. Under **LAWN SPOT TREATMENT Ants**: change "3 1/2 teaspoons" to "one tablespoon".

8. Under **LAWN SPOT TREATMENT Ants**: change "ant hill. to "individual ant hill.".

10. Under **LAWN SPOT TREATMENT Digger wasps**: change "3 1/2 teaspoons" to "one tablespoon".

11. Under **BAND TREATMENT AROUND HOUSE FOUNDATION** change "Apply a 2-foot band of Dexol Diazinon 2% Granules next to the house foundation. Distribute granules uniformly, using a rate of 8 oz. (1/2) canister contents) for each 100 sq. ft. of area (5' by 20') treated." to read "To control these pests, apply a 2-foot band of Dexol Diazinon 2% Granules next to the house foundation. Distribute granules uniformly, using a rate of 8 oz. (1/2) canister contents) for each 100 sq. ft. of area (2' by 50') treated.".

12. Under **ROOT MAGGOTS**: change "before plant" to read "before planting".

13. Under HAZARDS TO HUMANS AND DOMESTIC ANIMALS add after "Wash thoroughly with soap and water after handling and before eating or smoking." the sentences "May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions results, consult a physician."

Sincerely yours,

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

Enclosure

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[FRONT PANEL]

This product must not be used on golf courses or sod farms

DEXOL
DIAZINON 2½
GRANULES

For Outdoor Use on the Home Lawn,
in the Home Garden and
Around the Home Foundation Only

Use on Lawns to Kill Ants, Chiggers,
Brown Dog Ticks, Crickets, Fleas, Fire Ants, Lawn Moths
(sod webworms), Sowbugs, White Grubs of Japanese
Beetle, Southern Chafer, *Ataenius spretulus* (dung beetles), and
Other Listed Pests

Use in Vegetable Gardens to Kill Cutworms,
Mole Crickets, Root Maggots, Wireworms and Onion
Maggots

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 98%
TOTAL: 100%

Keep Out of Reach of Children

C A U T I O N

See additional precautionary statements on back of bag

NET WEIGHT 1 LB. (453 GRAMS)

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 29 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
192-165

[BACK PANEL - PAGE 1]

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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 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.

Dexol Diazinon 2% Granules controls certain lawn insects on both grass and dichondra lawns. Apply contents of canister to cover a 200 sq.ft. area (10' X 20") and follow application directions and restrictions given below.

To Control 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*): 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 White grubs of Japanese beetle, European chafer, Southern chafer, *Ataenius spretulus* (dung beetle): 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.

To Control *Hyperodes* Weevils: 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.

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LAWN SPOT TREATMENT

Ants: Apply 3 1/2 teaspoons of Dexol Diazinon 2% 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 1/4 cups 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 ants and cause migration, reducing 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 3 1/2 teaspoons of Dexol Diazinon 2% 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 | Crickets | Millipedes |
| Brown dog ticks | Earwigs | Sowbugs (Pillbugs) |
| Clover mites | Fleas | |
| Springtails (<i>Collembola</i>) | | |

Apply a 2-foot band of Dexol Diazinon 2% Granules next to the house foundation. Distribute granules uniformly, using a rate of 8 oz. (1/2 canister contents) for each 100 sq.ft. of area (5' by 20') 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 Dexol Diazinon 2% 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 surface should be covered with soil or thoroughly mixed into the soil.

Dexol Diazinon 2% 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.

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CUTWORMS (Surface and subterranean):

Beans (Lima, Pole and Snap - Succulent Only), Red Beets (Table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and Hybrids of these) and Watermelons, Parsley, Peas (Succulent Only), Peppers, Potatoes, Spinach, Squash (Summer and Winter), Sweet Corn, Swiss Chard, Tomatoes. Apply to the soil just before planting at a rate of 7 to 14 oz. per 200 sq.ft. For surface cutworms, mix or incorporate into the soil to a depth of 2 - 3 inches. For subterranean cutworms, mix or incorporate into the soil to a depth of 3 - 6 inches. If type of cutworm cannot be identified, mix into the soil 4 - 6 inches deep. Note: For Beans, do not use this product on dried bean varieties, such as pintos, dried limas or navy beans. For Peas, do not use this product on dried pea varieties such as dried blackeyed peas.

WIREWORMS:

Beans (Lima, Pole, and Snap - Succulent Only), Red Beets (Table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and Hybrids of these), Watermelons, Onions (Bulb and Green), Parsley, Peas (Succulent Only), Peppers, Potatoes, Spinach, Squash (Summer and Winter), Sweet Corn, Swiss Chard, Tomatoes, Turnips. Apply to the soil just before planting at a rate of 10 1/2 to 14 oz. per 200 sq.ft. Mix or incorporate into the soil to a depth of 4 - 8 inches. Sweet Potatoes. For Wireworm and Flea Beetle control, apply to the soil just before planting at a rate of 10 1/2 oz. per 200 sq.ft. Mix or incorporate into the soil to a depth of 4 - 8 inches. Note: For Beans, do not use this product on dried bean varieties, such as pintos, dried limas or navy beans. For Peas, do not use this product on dried pea varieties such as dried blackeyed peas.

MOLE CRICKETS:

Red Beets (Table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Collards, Endive (Escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, Turnips. Apply to the soil 1 - 2 days before planting at a rate of 3 1/2 oz. per 200 sq.ft. Mix or incorporate into the soil to a depth of 1 - 2 inches.

ROOT MAGGOTS:

Broccoli, Brussels Sprouts, Cabbage, Cauliflower. Apply to the soil just before plant or transplanting at a rate of 7 to 10 1/2 oz. per 200 sq.ft. Mix or incorporate into the soil to a depth of 3 - 4 inches.

ONION MAGGOTS:

Onions (Bulb and Green): Apply to the soil just before planting at a rate of 7 to 14 oz. per 200 sq.ft. Mix or incorporate into the soil to a depth of 3 - 4 inches. Note: Resistant onion maggots will not be controlled by diazinon or similar type insecticides.

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SEED CORN MAGGOTS:

Sweet Corn: Apply to the soil just before planting at a rate of 7 to 14 oz. per 200 sq.ft. Mix or incorporate into the soil to a depth of 2 inches.

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 canister. Discard canister 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the 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 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 antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

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 the 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

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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.

NOTICE: Seller makes no warranty, expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and or handling of this material when such use and/or handling is contrary to label instructions.

DEXOL INDUSTRIES
Torrance, CA 90501

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