

Mr. Michael Jackson
Platte Chemical Company
P.O. Box 667
Greeley, CO 80632

AUG -2 1980

Subject: Amendment: Revise per Diazinon Registration Standard &
to reflect only those uses/rates supported by Ciba-Geigy
2% Diazinon Granular Insecticide
EPA Reg. No. 34704-572
Your submission dated December 22, 1989

Dear Mr. Jackson:

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided the following revisions are made prior to release for shipment under the amended labeling:

1) Revise the Environmental Hazards text to read as follows:

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, 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 lands 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 and waterfowl. Avoid overlapping granules. Where irrigation (watering) is recommended in the directions, or if waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Runoff may be hazardous to 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 washwaters.

- 2) Revise the last line of the "Precautions" under the heading "OVERALL LANN APPLICATION" to read as follows:

Where irrigation (watering) is recommended in the directions, or if waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product, however, stop irrigation before puddling occurs.

A stamped copy of the label is enclosed for your records. Please submit five (5) copies of the revised amended label prior to release for shipment under the amended labeling.

Please refer to the Diazinon Registration Standard, as amended, for release for shipment and channels of trade dates for diazinon products bearing appropriately amended labels.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG - 2 1990

CLEAN
Under the Federal Insecticide
Fungicide and Fertilizer Act as
amended and as pesticide
registered under EPA Reg. No.

34704-572

2% DIAZINON GRANULAR INSECTICIDE

CONTROLS: Brown Dog Ticks, Chinch Bugs, Sod Webworms, Lawn Moths, Earwigs, Fleas, Fire Ants*, White Grubs of Japanese Beetle, European Chafer, and Southern Chafer, Billbugs and many others.

*Aids in Control.

ACTIVE INGREDIENTS:	BY WT.
Diazinon: 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	2.0%
INERT INGREDIENTS:	98.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-572

EPA EST. NO. _____

NET WEIGHT _____ POUNDS

25350

EXP-1Y

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with eyes, skin, or clothing. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions result, contact a physician. Do not store near food or feed products. Food utensils such as tablespoons 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 onto the treated area until granules have been watered in and the grass has dried.

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.

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, buy only in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes, and pot-holes). Runoff may be hazardous to aquatic organisms in neighboring areas. Collect or incorporate granules that are spilled during loading or are visible on soil surfaces in turn areas. Do not contaminate water by disposal of equipment washwaters.

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. Rates above those recommended significantly increase potential haz-

ards to birds and waterfowl. Avoid overlapping of granules. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a cool, dry, well-ventilated area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, seeds, food, or feed. Do not reuse bag. Discard bag in trash.

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.

2% DIAZINON GRANULAR INSECTICIDE kills:

Ants	Crickets	Springtails
Armyworms	Cutworms	Sod webworms
Bermudagrass mites	Digger wasps	Sowbugs
Billbugs	Earwigs	White grubs of:
Brown dog ticks	Fire ants*	• Japanese beetle
Chiggers	Fleas	• European chafer
Chinch bugs	Lawn Moths	• Southern chafer
Clover mites	Leafhoppers	
	Millipedes	

*Aids in control

OVERALL LAWN APPLICATION

2% DIAZINON GRANULAR INSECTICIDE controls lawn pests on both grass and dichondra lawns. Apply 2% DIAZINON GRANULAR INSECTICIDE to your lawn with a fertilizer spreader at the rate shown on side panel chart. For application with other types of equipment, apply at the rate of 5 lbs. per 1000 sq. ft. (an area 20' by 50') or 8 oz. per 100 sq. ft. (an area 10' by 10').

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping treated areas. If waterfowl, i.e., ducks, geese can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 0.25 in. water immediately after application, however, stop watering until pre-drying occurs.

Chinchbugs, Earwigs, Ants, Lawn Moth (Sod Webworms), (Bermudagrass Mites, Crickets, Armyworms, Brown Dog Ticks, Chiggers, Clover Mites, Cutworms, Fleas, Leafhoppers, Sowbugs, Millipedes, Springtails (Collembola). Application should be made when grass is dry. Water lawn lightly after application. Repeat application in 7-10 days if necessary.

Billbugs; White grubs of Japanese beetle, European chafer, Southern chafer, *Ataenius spretulus* (dung beetle). Water grass thoroughly after application. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from the insects. Repeat as necessary.

For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or early Summer when damage is first noticed. Water grass thoroughly with 1/2 to 1 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

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Hyperodes Weevils
Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

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.

SPREADER SETTING NO.

Spreader Make and Model	For Insects Listed Grass and Dichondra Lawns 5 lbs./1,000 sq. ft. of lawn
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. Penney Model 6005	8 1/2
J.C. Penney Rotary Spreader	8
Scott's Precision Flow Spreader PF-1	8 1/2
Sears Craftsman Model 671.19198	7 1/2

SPOT TREATMENT

Ants: Apply one tablespoon of 2% DIAZINON GRANULAR INSECTICIDE over and around each individual ant hill.

Fire Ants: To aid in the control of fire ants in lawns and other recreational areas, apply 1 1/2 cups over, and 2 ft. around, each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gal. of water should be applied to each mound area. Apply water gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. Treat as necessary.

Note: For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

Digger wasps: Apply one tablespoon of 2% DIAZINON GRANULAR INSECTICIDE in and around each individual ground nest opening. Make the application about dusk when the wasps are not active.

BAND TREATMENT AROUND FOUNDATION

The following insects are commonly found around or near the foundation of houses as well as in the lawn.

Ants	Crickets	Millipedes
Brown dog ticks	Earwigs	Sowbugs
Clover mites	Fleas	Springtails (Collembola)

For control of the above insects, apply a five-foot band of 2% DIAZINON GRANULAR INSECTICIDE next to the foundation of the house. Distribute the granules uniformly using a rate of 8 ozs. for each 5' by 20' area to be treated.

NOTICE

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the 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 Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

FORMULATED FOR
PLATTE CHEMICAL CO.

100 SO. MAIN STREET FRENCH CREEK, NEBRASKA 68906