

APR 23 1992

Mr. Michael Compton  
CJ Martin Company  
P.O. Box 9  
Nacogdoches, Texas 75961

Subject: Amendment - Revise per Diazinon Registration Standard  
Martin's Diazinon® Granular Lawn Insect Control  
EPA Registration Number 299-194  
Your submission received December 12, 1989

Dear Mr. Compton:

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

- 1) The Diazinon Registration Standard stipulates that diazinon outdoor use products are classified as Restricted Use due to avian and aquatic toxicity unless they are registered for application by homeowners to the home yard and/or home garden or by commercial applicators only to home yards. You can clarify the intended use site for this product by addition of "For outdoor use on the home lawn and in the home garden only" to the front panel. A good location for this addition would be just under the golf course/sod farm prohibition.
- 2) Delete the label references to "Ciba-Geigy" which appear in the section titled "Conditions of Sale and Warranty" and substitute the company name "C.J. Martin Company".
- 3) Change the heading "D·z·n· kills" to read either "Martin's Diazinon Granular Lawn Insect Control kills" or "This product kills".
- 4) Under the heading "OVERALL LAWN APPLICATION", delete any references to the product name "D·z·n® Granules" and substitute the product name "Martin's Diazinon Granular Lawn Insect Control".

- 5) In the "Precautions" under the heading "OVERALL LAWN APPLICATION", revise the end of the fourth sentence to read "...hazards to birds and waterfowl." Also in this same section, revise the sixth sentence to read as follows:

Where thorough watering is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected to enter the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after applying this product, however, stop watering before puddling occurs.

- 6) Revise the first sentence of the directions for aiding in control of fire ants under the heading "SPOT TREATMENT" to read as follows to clearly indicate the home-use nature of this product:

To aid in the control of fire ants in home lawns and other outdoor home recreational areas, apply 1½ cups over, and 2 ft. around, each fire ant mound.

- 7) The text of the Hazards to Humans and Domestic Animals should be revised as follows to reflect the toxicology data you are relying upon to support reregistration of this product:

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 should not be used for food purposes after use in measuring pesticides.

- 8) Based on Ciba-Geigy's toxicology data submitted in support of reregistration of their diazinon granular products, and upon which you are relying for reregistration of the subject product, in the Statement of Practical Treatment add "Get medical attention." to the end of the "If on skin" advice.

- 9) Revise the Environmental Hazards 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 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 and waterfowl. Avoid

overlapping of granules. For lawns, 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), water lawn with at least 1/4 inch of water immediately after applying this product, however, stop watering before puddling occurs. 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 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.

A stamped copy of the label is enclosed for your records. Please submit five copies of the revised amended label prior to release for shipment under the amended label. Labeling released for shipment after the August 31, 1992 deadline imposed by the Diazinon Registration Standard should be the revised amended label.

Sincerely yours,

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

4971

# DIAZINON® GRANULAR LAWN INSECT CONTROL

This product must not be used  
on golf courses and sod farms.

**Controls:**

- Brown Dog Ticks
- Chinch bugs
- Sod webworms
- Lawn moths
- Earwigs
- Fleas
- Fire ants\*
- White grubs of
  - . Japanese beetle
  - . European chafer
  - . Southern chafer
- Billbugs
- and many others

\*Aids in control.

(See complete list on  
back of bag)

**Active Ingredient:**

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	2%
Inert Ingredients:	98%
Total:	100%

Diazinon® - Registered Trademark of Ciba-Geigy Corporation

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN.**

See additional precautionary statements  
on back of bag.

25 POUNDS  
Net Weight

E.P.A. Reg. No. 230-194  
E.P.A. Est. No. 248-1X-1

Ready-to-use. Contains 2% diazinon  
insecticide.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 23 1992

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
amended, for this product  
registered under EPA Reg. No.

299-194

**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.

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### Conditions of Sale and Warranty

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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 CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY 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. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY 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 CIBA-GEIGY.

**D-z-n kills:**

Ants  
 Armyworms  
 Bermudagrass mites  
 Billbugs  
 Brown dog ticks  
 Chiggers  
 Chinch bugs  
 Clover mites

(5)

Crickets  
 Cutworms  
 Digger wasps  
 Earwigs  
 Fire ants\*  
 Fleas  
 Lawn moths  
 Leafhoppers  
 Millipedes

Springtails  
 Sod webworms  
 Sowbugs  
 White grubs of:  
 . Japanese beetle  
 . European chafer  
 . Southern chafer

\*Aids in control.

DIRECTIONS FOR USE

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

OVERALL LAWN APPLICATION

D-z-n® Granules control lawn pests on both grass and dichondra lawns. Apply D-z-n Granules 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 inch water immediately after application, however, stop watering before puddling occurs.

notice per

Chinchbugs, Earwigs, Ants, Lawn Moths (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.

(5)

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 these insects. Repeat as necessary.

**BEST AVAILABLE COPY**

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 1/4-1/2 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

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	6 1/2
Sears Craftsman Model 671.19198	7 1/2

**BEST AVAILABLE COPY**

SPOT TREATMENT

Ants: Apply one tablespoon of D·z·n Granules 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 1/4 cups over, and 2 ft. around, each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon 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. (9)

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 D·z·n Granules 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 D·z·n Granules 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.

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.

**BEST AVAILABLE COPY**



Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

(13)

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 table-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 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.

(17)

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 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.

Continued...

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 hazards 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.

D.z.n® trademark of CIBA-GEIGY for diazinon

~~EPA Reg. No. 100-468  
EPA Est.~~

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Agricultural Division  
CIBA-GEIGY Corporation  
Greensboro, North Carolina 27419

CGA 9L7T 109

~~April 6, 1988-  
Changed name to  
D.z.n, revised  
'Storage & Dis-  
posal', added do  
not use on golf  
courses/sod farms  
statement.~~

~~Accepted December 28, 1988  
Data Call-In  
revisions -~~

~~reduced rates on  
turf to a max.  
of 4 lbs. a.i./A,  
added avian pre-  
cautions, revised  
precautionary  
statements,  
storage and  
disposal, Env.  
Hazards.~~

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~~Accepted October 12, 1983  
Reg. Standard  
changes, added  
warranty state-  
ment, light~~

~~watering for  
surface feeding  
pests, changed  
Scott's spreader  
type.~~