

Ms. Lisa Strong  
J. R. Simplot Company  
P.O. Box 198  
Lathrop, CA 95330

JUN 26 1987

Dear Ms. Strong:

SUBJECT: Amendments - Delete golf course and sod farm use  
Diazinon 4 EC  
EPA Reg. No. 7001-166  
Diazinon 40 WP  
EPA Reg. No. 7001-178  
Diazinon 5 Granules  
EPA Reg. No. 7001-197  
Diazinon 3 Dust  
EPA Reg. No. 7001-218  
25% Diazinon Garden Insect Spray  
(old name: Multi-purpose Insect Spray)  
EPA Reg. No. 7001-312  
Diazinon 500 EC  
EPA Reg. No. 7001-315  
Diazinon W-50  
EPA Reg. No. 7001-349  
Your submissions dated January 14, January 29,  
March 26, and June 2, June 16, 1987

On October 1, 1986, EPA published in the Federal Register a Notice of Intent to Cancel the registration of pesticide products containing diazinon registered for use on golf courses and sod farms (51 FR 35034). The Environmental Protection Agency has determined that you have complied with the requirements of that Notice for the subject products by submitting amended labeling deleting the use on golf courses and sod farms, by adding the label statement "This product must not be used on golf courses or sod farms". Please note that the statement must appear on top of the front (i.e. logo) panel of each main (i.e. container) label. It is understood that you have not made any other revisions to the last accepted labeling for the subject products, other than request a change in the master product name of record for EPA Reg. No. 7001-312 from "Multi Purpose Insect Spray" to "25% Diazinon Garden Insect Spray". This product name change is acceptable and the Agency's records will be adjusted to reflect the new product name. Complete label reviews for all diazinon products will be done when diazinon undergoes reregistration.

The amendments referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, are acceptable. Stamped copies of the amended labels are enclosed for your records.

As indicated in the Notice of Amendment to Notice of Intent to Cancel, any product released for shipment by the registrant after April 30, 1987, must bear the amended labeling. Any product sold or distributed by retailers or other persons after November 30, 1987, must bear the amended labeling.

Although you have submitted revised labeling for "Professional Grade Diazinon Insect Spray", EPA Reg. No. 7001-314, which contained the statement required by the Notice of Intent to Cancel, the Agency cannot accept the label as submitted, since it still bears the front panel site claim "Golf Courses", which directly contradicts the prohibition. Based upon our telephone communication, it is understood that you will be submitting immediately revised labeling which bears the required statement, but which does not include the site claim "golf courses".

This also serves to acknowledge receipt of your request to withdraw the proposed amendments to add the statement required under the Notice of Intent to Cancel for EPA Reg. Nos. 7001-267 and 7001-316, since the use patterns appearing on the labels for these products do not render them subject to that Notice.

Sincerely yours,

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

# Diazinon 5 Granules

NA2783

ORM-A

### ACTIVE INGREDIENT:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate

5.0%  
95.0%  
EPA Reg. No. 7001-197-ZA EPA Est. No. 7001-CA11

ACCEPTED  
JAN 26 1987

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

Harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid inhalation of dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. May be absorbed through skin.

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

### RE-ENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers of other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until the dust has settled. Certain states may have more restrictive re-entry intervals for various crops treated with product. Consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information: "CAUTION Area treated with Diazinon 5 Granule on (date of application); Do not enter without appropriate protective clothing until dust has settled." Required protective clothing: long-sleeved shirt and long-legged pants.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**STORAGE:** Store in a cool, dry, well-ventilated area.

**DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

### DIRECTIONS FOR USE

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

**Beans (Pole Beans, Snap Beans, Lima Beans, Pinto Beans):** Lesser stalk Borers. Apply 10 to 20 lbs. per acre. Apply in a 6-inch band centered over row when beans are 2 to 1 inch high.

**Cabbage, Cauliflower, Broccoli:** Root Maggots. Broadcast 40 to 60 lbs. per acre before planting or transplanting. Work into soil 3 or 4 inches. For furrow treatment, apply 20 lbs. per acre directly in the furrow on the seed.

**Carrots:** Carrot Rust Flies. Apply 40 lbs. per acre to seed furrow at planting.

**Corn (Field, Sweet):** Corn Rootworm Larvae. Apply 25 to 50 oz. per 1,000 linear feet of row in a 7-inch band centered over corn row at planting. Cutworms. Broadcast treatment, apply 40 to 60 lbs. per acre as a preplant treatment. Harrow lightly into top 1 to 2 inches of soil. For Subterranean Cutworms, work into the top 3 to 6 inches of soil preplant. European Corn Borers. Apply 20 to 40 lbs. per acre when 75% of the plants show first generation larvae feeding in the whorl and again 7 days later if needed. Treat for second generation when there are 100 egg masses per 100 plants. Fall Armyworms. Apply 20 to 40 lbs. per acre or 7 1/3 to 14 2/3 oz. per 1,000 sq. ft. Apply over corn so granules fall into whorls when armyworms first appear. Repeat if necessary. Southern Corn Borer. Apply 20 to 40 lbs. per acre or 7 1/3 to 14 2/3 oz. per 1,000 sq. ft. Apply over corn so granules fall

into whorls when second generation borer first appear. Repeat 1 week later. Wireworm. Apply 40 to 80 lbs. per acre or 14 2/3 to 29 1/3 oz. per 100 sq. ft. Apply before planting and work into soil 4 to 8 inches immediately. Corn may be harvested immediately following last application. Do not feed treated forage to dairy or beef cattle or sheep within 10 days after foliar or over the corn application.

**Onions:** Onion Maggots. Apply 20 lbs. per acre in furrow with seed at planting.

**Potatoes:** Wireworms. Apply 60 lbs. per acre or 22 oz. per 1,000 sq. ft. as a preplant broadcast treatment. Thoroughly disc or harrow into the upper 4 to 8 inches immediately.

**Radishes:** Root Maggots. Apply 30 to 40 lbs. per acre in seed row at planting time.

**Strawberries:** Mole Crickets. Apply 20 lbs. per acre or 7 1/3 oz. per 1,000 sq. ft. Apply 1 to 2 days before transplanting and mix into top 1 to 2 inches of soil immediately.

**Sugar Beets:** Sugar Beet Root Maggots. Apply 20 to 40 lbs. per acre in a 5- to 7-inch band (22-inch row width) and incorporate at planting or apply above seed after seed is covered. **Caution**—Diazinon should not come in direct contact with seed or injury will occur. Apply ahead of press wheel (A second application may be necessary early post emergence when adult flies first appear at 20 to 30 lbs. per acre in a 5- to 7-inch band directly over row.)

**Tobacco:** Cutworms (Surface & Subterranean). Apply 40 to 60 lbs. per acre. Broadcast before transplanting. Work immediately into soil 2 to 4 inches. Mole Crickets. Apply 20 lbs. per acre. Broadcast when insects are present. Apply to beds or fields 1 to 2 days before sowing seed of transplanting and work into soil 1 to 2 inches immediately.

**Seed Corn Maggots.** Apply 30 lbs. per acre. Broadcast 3 to 4 weeks before transplanting and work into soil 2 inches immediately. **Wireworms.** Apply 40 to 60 lbs. per acre. Broadcast 3 to 4 weeks before transplanting and work into soil 6 to 9 inches immediately.

**Turnips:** Root Maggots. Apply 20 lbs. per acre in seed furrow at planting time.

**Cutworms (Surface & Subterranean):** Broccoli, Brussels Sprouts, Cabbage, Cantaloupes, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Lima Beans, Muskmelons, Parsley, Peas, Peppers, Potatoes, Snap Beans, Spinach, Summer Squash, Swiss Chard, Tomatoes, Watermelon, Winter Squash. Apply 40 to 80 lbs. per acre or 14 2/3 to 29 1/3 oz. per 1,000 sq. ft. Apply broadcast just before planting. Work into soil immediately 2 to 3 inches for surface cutworms and 3 to 5 inches for subterranean cutworms.

**Mole Crickets:** Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Endive (Escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, Turnips. Apply 20 lbs. per acre or 7 1/3 oz. per 1,000 sq. ft. Apply to plant beds or fields 1 to 2 days before sowing seed or transplanting. Work into soil 1 to 2 inches immediately.

**Wireworms:** Broccoli, Brussels Sprouts, Cabbage, Cantaloupes, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Lima Beans, Muskmelons, Onions, Parsley, Peas, Peppers, Snap Beans, Spinach, Summer Squash, Sweet Potatoes, Swiss Chard, Tomatoes, Watermelons, Winter Squash. Apply 40 to 80 lbs. per acre or 14 2/3 to 29 1/3 oz. per 1,000 sq. ft. Apply broadcast before planting and work into soil 4 to 8 inches immediately.

**Cutworms (Surface & Subterranean), Alfalfa, Clover, Cowpeas, Lab-pedeza, Sorghum, Soybeans.** Apply 40 to 60 lbs. per acre. Apply just before planting. Work into soil immediately 2 to 3 inches for surface cutworms and 3 to 6 inches for subterranean cutworms.

NET WT. 35 LBS.

DISCLAIMERS OF WARRANTIES. Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED OR IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically named on this label or an accompanying written recommendation are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with the directions given hereon. Buyer further agrees to hold seller harmless from the use of this product to accept a replacement of the product or a refund of the purchase price of the product at seller's option as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee, or directions concerning this product and no such warranty, guarantee or directions shall be valid if not on the label.

**THIS PRODUCT MUST NOT BE USED  
ON GOLF COURSES OR SOD FARMS**

# Diazinon 5 Granules

**RQ** DIAZINON MIXTURE, DRY  
NA2783

ORM-A

ACCEPTED

JUN 26 1987

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

<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	5.0%
<b>INERT INGREDIENTS:</b> .....	95.0%
<b>TOTAL</b>	<b>100.0%</b>

EPA Reg. No. 7001-197

EPA Est. No. 7001-CA-1

Diazinon® trademark of Ciba-Geigy Corp.

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

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This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

### STORAGE AND DISPOSAL

Do not reuse bag. Discard bag in trash. Securely wrap container in several layers of newspaper before discarding in trash.

*Bill Bugs and White Grubs of Japanese Beetle, European Chafer, Southern Chafer.* Apply 2.5 lbs. per 1000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For *bill bug* control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary.

#### SPOT TREATMENT

*Ants:* Apply 1½ teaspoons of Diazinon® 5 Granules over and around each individual ant hill.

*Digger Wasps:* Apply 1½ teaspoons of Diazinon® 5 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. Certain of these insects may even enter the house. *Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, Springtails (Collembola).* For control of these insects, apply a five foot band of Diazinon® 5 Granules next to the foundation of the house. Distribute the granules uniformly using a rate of 3.2 ounces for each 5' by 21' area to be treated.

Webworms), Bermuda Mites, Crickets, Armyworms, Brown Dog Ticks, Chiggers, Clover Mites, Cutworms, Fleas, Leafhoppers, Sowbugs, Millipedes, Springtails (Collembola). Apply Diazinon® 5 Granules to your lawn with a fertilizer spreader. Application should be made when grass is dry. Water lawn lightly after application. Repeat as necessary.

For application with other types of equipment, or by hand, apply at the rate of 2 lbs. per 1000 sq. ft. (an area 20' by 50') or 3.2 ounces per 100 sq. ft. (an area 10' by 10'). For heavy lawns, such as St. Augustine Lawns, application should be increased to 3 lbs. per 1000 sq. ft. (or 4.8 ounces per 100 sq. ft.).

DISCLAIMER OF WARRANTIES. Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and other conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given hereon. Buyer further agrees in the event of damages arising from the use of this product to accept replacement of the product or a refund of the purchase price of the product at Buyer's option as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.



Simplot