



Reg # 34704-493

PM-13

FILE  
194

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JAN 21 1994

J. ALLEN DUNLAP III  
WILLIAM M. MAHLBURG  
AGENT FOR: PLATTE CHEMICAL CO., INC.  
P.O. BOX 667  
GREELEY, CO. 80632

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/16/93 in Response to PR Notice 93-7  
EPA REG. NO. 34704-493  
DIAZINON 5 GRANULES

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

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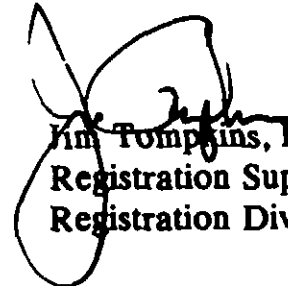
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

  
Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

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ROPOSED  
ABEL

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

ACCEPTED  
COMMENTS  
in EPA Letter Date  
1/19/94



Under the  
Fungicide  
as amended  
registered

Federal Insecticide  
and Rodenticide  
Act, for the pesticide  
EPA Reg. No. 34704-493

# DIAZINON 5 GRANULES

## Organophosphate Insecticide

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

EPA REG. NO. 34704-493  
EPA EST. NO. 34704-CO-1

**NET WEIGHT 50 POUNDS**

See Below For Additional Cautionary Statements.

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## 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. May be absorbed through skin.

### Personal Protective Equipment

Applicators and other handlers must wear long-sleeved shirt and pants, long gloves, and a respirator or equivalent.

Persons applying this product must wear a respirator or equivalent.

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## USER SAFETY RECOMMENDATIONS

Persons applying this product must wear a respirator or equivalent.

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## ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

## DIRECTIONS FOR USE

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

[Redacted text]

## AGRICULTURAL USE REQUIREMENTS

[Redacted text]

## NON-AGRICULTURAL USE REQUIREMENTS

[Redacted text]

## 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.

**BEANS (Pole Beans, Snap Beans, Lima Beans, Pinto Beans): Lesser Cornstalk Borers.** Apply 10 to 20 lbs. per acre. Apply in a 6-inch band centered over row when beans are 1/2 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 1/2 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 1/2 to 14 2/3 oz. per 1,000 sq. ft. Apply over corn so granules fall into whorls when second generation

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# DIAZINON 5 GRANULES

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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 1,000 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 or 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 6 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, Lespedeza, 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.

**LAWN INSECTS:** *Lawn Chinch Bugs*. Apply 1 1/3 to 4 lbs. per 1,000 sq. ft. Application should be repeated in 7 to 10 days if necessary.

*Chinch Bugs, Earwigs, Ticks, Ants, Lawn Moths (Sod Webworms), Bermuda Mites, Crickets, Armyworms, Brown Dog Ticks, Chiggers, Clover Mites, Cutworms, Fleas, Leafhoppers, Sowbugs, Millipedes, Springtails (Collembola)*. Apply this product 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 1,000 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, applications should be increased to 3 lbs. per 1,000 sq. ft. (or 4.8 ounces per 100 sq. ft.).

*Bill Bugs and White Grubs of Japanese Beetle, European Chafer, Southern Chafer*. Apply 2.5 lbs. per 1,000 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 1/2 teaspoons of this product over and around each individual ant hill.

*Digger Wasps*: Apply 1 1/2 teaspoons of this product 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 this product next to the foundation of the house. Distribute the granules uniformly using a rate of 3.2 ounces 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 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 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.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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FORMULATED FOR  
PLATTE CHEMICAL CO.

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