




<p style="text-align: center;">US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION</p> <p style="text-align: center;">(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EPA REGISTRATION NO. 34874-20</td> <td style="width: 50%;">DATE OF ISSUANCE FEB 28 1986</td> </tr> <tr> <td colspan="2">TERM OF ISSUANCE</td> </tr> <tr> <td colspan="2">NAME OF PESTICIDE PRODUCT  Diazinon 5 Lawn &amp; Garden Insect Control</td> </tr> </table>	EPA REGISTRATION NO. 34874-20	DATE OF ISSUANCE FEB 28 1986	TERM OF ISSUANCE		NAME OF PESTICIDE PRODUCT  Diazinon 5 Lawn & Garden Insect Control	
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<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p style="text-align: center;">[ ] [ ]</p> <p style="text-align: center;">bisher Chemical Route 12, Box 12020 Tyler, TX 75708</p> <p style="text-align: center;">[ ] [ ]</p>							
<p><b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>							
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</li> <li>2. Make the labeling changes listed below before you release the product for shipment:             <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration No. 34874-20."</li> <li>b. Delete "and others" at end of list of pests killed.</li> <li>c. Insert the common name Diazinon before its chemical name and place chemical name in square brackets. Uppercase "D" in "Diethyl."</li> <li>d. The words "ACTIVE INGREDIENTS" and "INERT INGREDIENTS" must be printed in type of the same size and given equal prominence. The words "ACTIVE INGREDIENTS" and "INERT INGREDIENTS" must be aligned on the same margin.</li> <li>e. Change "Diazinon 5" to "Diazinon 5 Lawn &amp; Garden Insect Control" or "this product" in the Directions for Use.</li> </ol> </li> </ol> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">SIGNATURE OF APPROVING OFFICIAL </td> <td style="width: 30%;">DATE 2/28/86</td> </tr> </table>		SIGNATURE OF APPROVING OFFICIAL 	DATE 2/28/86				
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50511:LaRocca:LR-1:KENCO:2/12/86:2/25/86:ab:md

R:50516:LaRocca:LR-1:KENCO:2/18/86:2/28/86:ab:ek

R:50524:LaRocca:LR-1:KENCO:2/25/86:3/7/86:DAA

- f. Add fertilizer spreader chart. (The directions referred to a chart "on side of bag" but this was not included with your submission).
- g. Change directions for fire ants from "Apply 1/2 cup over 6 feet" to "Apply 1/2 cup over 2 feet around etc."
- h. Revise precautionary statement to include:

Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin, and clothing. Avoid inhalation of dust. Avoid contamination of food and feed. Wash thoroughly after handling. Keep children and pets off treated area until completely dry. Kitchen utensils such as measuring cups should not be used for food purposes after use in measuring pesticides.

- i. Revise

Note to Physician - If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-Pam is also antidotal and may be administered but only in conjunction with atropine.

- j. Change "Keep out of lakes, streams, or ponds" to "Do not apply directly to water."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosures

# DIAZINON 5

## Lawn & Garden Insect Control

### KILLS

ANTS

ARMYWORMS

BERMUDAGRASS

MITES

BILLBUGS

BROWN DOG

TICKS

CHIGGERS

CHINCH BUGS

CRICKETS

CUTWORMS

EARWIGS

FIRE ANTS

FLEAS

ONION MAGGOTS

ROOT MAGGOTS

SOD WEBWORMS

WHITE GRUBS OF:

• JAPANESE BEETLE

• EUROPEAN CHAFER

• SOUTHERN CHAFER

WIREWORMS

and others

See Directions for Use.

Ready-to-use Granules.  
Contains 5% Diazinon® insecticide.  
Keep out of reach of children.

### CAUTION

See additional precautionary statements on side/back panel.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 28 1986

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

34874-20

Active Ingredient:

O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate .... 5%

Inert Ingredients: ..... 95%

Total: ..... 100%

E.P.A. Reg. No.

E.P.A. Est. No. 34874-TX-1

Manufactured by:



RT. 12, BOX 303  
TYLER, TEXAS 75700

## DIRECTIONS FOR USE

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

### Overall Lawn Application:

**Diazinon** 5 controls the following lawn insects on both grass and dichondra lawns:

Ants • Armyworms • Bermuda mites • Brown dog ticks • Chiggers • Chinch bugs • Clover mites • Crickets • Cutworms • Earwigs • Fleas • Lawn moths (sod webworms) • Leafhoppers • Millipedes • Sowbugs • Spring-tails (Collembola).

Apply with a fertilizer spreader. See spreader setting chart on side of bag. Apply when grass is dry. Water lawn lightly after application. Repeat as necessary.

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

**Billbugs:** White grubs of Japanese beetle, European chafer, Southern chafer, *Atenius spretulus* (dung beetle):

Apply 2.5 lbs. per 1000 sq. ft. of lawn. 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. 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  $\frac{1}{2}$ " of water after application. Treat again in late summer or early fall if a second generation occurs.

**Hyperodes weevils (New York only):**

Apply 2 lbs. per 1000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

### Spot Treatment:

**Ants:** Apply  $1\frac{1}{2}$  teaspoons over and around each ant hill.

**Fire ants:** To aid in the control of fire ants in lawns and other recreational areas, apply  $\frac{1}{2}$  cup over and 6 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. Reapply as necessary. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness.

**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.

Cantaloupes  
Carrots  
Cauliflower  
Celery  
Collards  
Corn  
Cucumbers

Kale  
Lettuce  
Lima Beans  
Muskmelons  
Onions  
Parsley  
Peas

Spinach  
Summer Squash  
Sweet Potatoes  
Swiss Chard  
Tomatoes  
Watermelons  
Winter Squash

Apply 7 to 14 oz. per 500 sq. ft. and mix into soil to a depth of 4-8 inches.

**Broccoli, Cabbage, Cauliflower**

**Root Maggots:** Apply 7 to 11 oz. per 500 sq. ft. over entire seedbed before planting or transplanting and mix into soil to a depth of 3-4 inches.

**Carrots**

**Carrot Rust Flies:** Apply 7 oz. per 500 sq. ft. in seed furrow at planting time.

**Onions**

**Onion Maggots:** Apply 4 oz. per 500 sq. ft. in seed furrow at planting time.

**Radishes**

**Root Maggots:** Sprinkle lightly at the rate of 3-4 oz. per 500 linear feet of row in seed furrow at planting time.

**Sweet Corn**

**Corn Rootworms:** Apply 4-7 oz. per 500 sq. ft. in a band over the row at planting time.

**Cutworms:** Apply 7-11 oz. per 500 sq. ft. Mix into soil to a depth of 1-2 inches for surface cutworms and 3-6 inches for subterranean cutworms.

**European Corn Borers:** Apply 4-7 oz. per 500 sq. ft. over corn so granules fall into whorls when 75% of the plants show first-generation larvae feeding, and again 7 days later, if needed. Treat for second-generation when there is an average of 1 egg mass per plant.

**Fall Armyworms:** Apply 4-7 oz. per 500 sq. ft. over corn so granules fall into whorls when larvae first appear, and again for control of second-generation armyworms, if necessary.

**Southwestern Corn Borers:** Apply 4-7 oz. per 500 sq. ft. over corn so granules fall into whorls when second-generation larvae first appear. Repeat application one week later.

**\*Note:** Corn may be picked immediately following last application. Do not feed fodder to livestock for ten days following last application.

**Wireworms:** Apply 7-15 oz. per 500 sq. ft. in a broadcast application. Mix into soil to a depth of 4-8 inches.

**Sweet Potatoes (North Carolina only)**

**Wireworms:** Apply 11 oz. per 500 sq. ft. over the top of sweet potato plant foliage when roots begin to enlarge.

**Digger wasps:** Apply 1½ teaspoons 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 foundations of houses as well as in lawns. Certain of these pests may enter houses:

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

Apply a 5-foot band next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (5' by 20') treated. Repeat as necessary.

**Garden Insect Control: Diazinon 5**  
controls certain garden insects on crops listed below. Apply just prior to planting and immediately mix thoroughly into soil to the specified depth, except where applied in seed furrow.

**Cutworms (surface and subterranean)**

Broccoli	Kale	Snap Beans
Cabbage	Lettuce	Spinach
Cantaloupes	Lima Beans	Summer Squash
Cauliflower	Musk melons	Swiss Chard
Celery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash
Endive	Potatoes	

(Escarole)

Apply 7 to 14 oz. per 500 sq. ft. and mix into soil to a depth of 2-3 inches for surface cutworms and 3-5 inches for subterranean cutworms. For potatoes, mix into soil 4-6 inches deep.

**Mole Crickets**

Broccoli	Endive	Peppers
Cabbage	(Escarole)	Radishes
Cauliflower	Kale	Strawberries
Collards	Lettuce	Tomatoes
	Mustard	Turnips

Apply 4 oz. per 500 sq. ft. and mix into soil to a depth of 1-2 inches.

**Wireworms**

Broccoli	Endive	Peppers
Cabbage	(Escarole)	Snap Beans

**Tomatoes**

**Vinegar Flies (Drosophila spp.):** Apply 4 oz. per 500 sq. ft. over top of plants when flies first appear. Repeat at 7-10 day intervals, or as required. Tomatoes may be picked the same day.

**Turnips**

**Root Maggots:** Apply 4 oz. per 500 sq. ft. in seed furrow at planting time.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

Harmful if inhaled or absorbed through skin. Avoid breathing dust and contact with eyes, skin, and clothing. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

### STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or poison control center. 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 to an unconscious person.

If inhaled, remove victim to fresh air. Apply respiration if indicated.

If on skin, remove contaminated clothing and wash affected areas with soap and water.

If in eyes, flush eyes for at least 15 minutes with water. Call a physician if irritation persists.

### NOTE TO PHYSICIAN

If symptoms of cholinergic poisoning occur, administer atropine therapeutically.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

## DISPOSAL

Do not reuse empty container. Wrap container and put in trash collection.

Diazinon® trademark of CIBA-GEIGY