

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 25 1982

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

70-253

R I G O

DIAZINON (R) 5% GRANULES

Crawling Insect Control
For use in lawns, gardens, and around the home.

Ready-to-use.
TREATS UP TO 1,000 SQ. FT.

KILLS:	Ants	Earwigs	Onion maggots
	Brown dog ticks	Fleas	Sowbugs
	Crickets	Grubs	Wireworms
	Cutworms	Millipedes	and others

See Directions for Use.

Active Ingredients:

Diazinon [0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate]..... 5%

Inert Ingredients:..... 95%
Total 100%

Diazinon is the registered trademark of CIBA-GEIGY.

Keep Out Of Reach Of Children

CAUTION

See additional caution statements on back of container.

EPA Reg. No. 70-
EPA Est. No. 70-KY-1

Net Weight
One Pound

Manufactured by

RIG O COMPANY

BUCKNER, KENTUCKY 40010

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Avoid breathing of dust. Avoid contact with skin, eyes, and clothing. Avoid contamination of feed and foodstuffs. Wash thoroughly after handling. Harmful if swallowed. May be absorbed through skin. Treat lawns in late afternoon. Keep children and pets off treated areas until the following afternoon.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Do not apply where runoff is likely to occur. 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 this label.

Disposal

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

DIRECTIONS FOR USE

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

DIAZINON^(R) 5% GRANULES is designed especially for outdoor control of ants and other crawling insects. This product is effective as a preplant treatment for control of cutworms and wireworms in vegetable gardens. It also controls a wide range of insects in garden plantings and around the home, and offers excellent protection against major lawn insects on both grass and dichondra lawns. See specific recommendations below.

Lawn Protection:

DIAZINON^(R) 5% GRANULES controls the following lawn pests in both grass and dichondra lawns:

Ants	Crickets	Springtails
Armyworms	Cutworms	White grubs of:
Bermudagrass mites	Earwigs	Japanese beetle
Billbugs	Fleas	European chafer
Brown dog ticks	Millipedes	Southern chafer
Chiggers	Sod webworms	Hyperodes weevil
Chinch bugs	(Lawn moths)	
Clover mites	Sowbugs	

How to Apply:

For most insects, sprinkle contents of this canister over a 500 sq. ft. area (10' by 50'). For heavy lawns, such as St. Augustine grass, spread contents evenly over 320 sq. ft. (10' by 32'). For billbug and white grub control, spread contents over 400 sq. ft. (10' by 40').

For best results, the lawn should be dry before application. To control surface feeding insects, armyworms and sod webworms (lawn moths), apply in late afternoon. Water lawn lightly after application. To control ants, billbugs, chinch bugs, cutworms, and white grubs, water lawn thoroughly after application.

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When to Apply:

Apply when insects are present. To control ants, armyworms, Bermudagrass mites, chinch bugs, cutworms, leafhoppers, and sod webworms (lawn moths), apply at 4-6 week intervals.

To control white grubs, apply any time between July and early October. To control billbugs, apply when activity is first observed, or when chewed or brown grass indicates damage from these insects. Repeat as necessary. To control Hyperodes weevil, treat problem areas in mid-April and again in Mid-May, or earlier in Southern states. Water lawn thoroughly after application.

Spot Treatment:

Ants: Apply 1½ teaspoons over and around each ant hill.

Fire Ants: To aid in the control of fire ants in lawns and other recreational areas, apply 1½ 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. 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.

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

How to Apply:

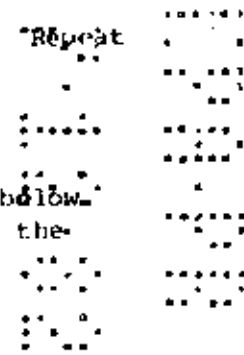
Apply a 5-foot band of DIAZINON^(R) 5% GRANULES next to the house foundation. Distribute granules uniformly, using a rate of 1/5 canister for each 100 sq.ft. area (5' by 20') treated.

When to Apply:

Apply when insects are present, especially in late spring or early fall. Repeat as necessary.

Garden Insect Control:

DIAZINON^(R) 5% GRANULES 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 tilled furrow.



Cutworms (surface and subterranean)

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

Apply 7 to 14 oz. per 500 sq.ft. and mix into soil to a depth of 2-3 inches for surface cutworms and 3-6 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
Cantaloupes	Kale	Spinach
Carrots	Lettuce	Summer Squash
Cauliflower	Lima Beans	Sweet Potatoes
Celery	Muskmelons	Swiss Chard
Collards	Onions	Tomatoes
Corn	Parsley	Watermelons
Cucumbers	Peas	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.

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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

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

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.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (NH-587) WASHINGTON, D.C. 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> RENEWAL <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO.	DATE OF ISSUANCE OCT 25 1982
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

FARMER
 BUSINESS
 OTHER

160 / 73057
18 / 1

NOTE: 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.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement 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.

DRP
11/4/82

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

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- If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin - Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes - Flush eyes with plenty of water. Call a physician if irritation persists.

Please refer to the enclosed type size guide for assistance in selecting the correct print size for the front panel signal word, child hazard warning, and the heading "Storage and Disposal."

- c. The following revisions should be made to the Hazards to Humans & Domestic animals text:
 - 1. Relocate "Harmful if swallowed. May be absorbed through skin." to appear as the first 2 sentences of this section.
 - 2. Delete "Treat lawn in late afternoon."
 - 3. Revise the last sentence of this section to read "Keep children and pets off treated areas until the product has been watered off grass blades to soil and grass has dried."
 - 4. Add "and before smoking or eating" to "wash thoroughly after handling."
 - 5. Add "Do not contaminate ornamental fish ponds."
 - d. The following revisions should be made to the Environmental Hazards text:
 - 1. Add as the second sentence of this section "Birds feeding on treated areas may be killed."
 - 2. Delete "Do not apply where runoff is likely to occur" since this is inappropriate for a granular product.
 - e. Revise the heading "disposal" to "Storage & Disposal" and add as a first sentence "Do not contaminate water, food, or feed by storage or disposal."
 - f. It is noted that you declare container sizes from 1 to 50 pounds but the label directions for lawn use direct only to "sprinkle contents of this canister." For larger package sizes, presumably bags, there must be a spreader brand and setting recommendation chart to assure even product distribution over lawn areas.
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.

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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)

BEST DOCUMENT AVAILABLE