

674 252 (5)

Billbugs; White grubs of Japanese beetle, European chafer, Southern chafer, Ataenius 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 1/4-1/2 inches 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 1-1/2 teaspoons of PURINA Diazinon Granules-5% over and around each ant hill.

Fire Ants

To aid in the control of fire ants in lawns and other recreational areas, apply 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. ~~Apply 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 1-1/2 teaspoons of PURINA Diazinon Granules-5% 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 of PURINA Diazinon Granules-5% 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:

PURINA Diazinon Granules-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	Muskmelons	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 3-6 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
Cantaloupes	Kale	Spinach
Carrots	Lettuce	Summer
Cauliflower	Lima	Sweet
Celery	Muskmelons	Swiss
Collards	Onions	Tomatoes
Corn	Parsley	Watermelons
Cucumbers	Peas	Winter

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 10 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.

Turnips

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

~~Residue Disposal: Residue resulting from use of this product shall be disposed of on site or at an approved waste disposal facility.~~

Container 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.

QUALITY CONTROLLED BY PURINA RESEARCH

EPA Est. No. 602-MO-1

843 H

Printed in U.S.A.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

311 / 118060
18 / 5

28 MAR 1984

Helston Purina Company
Checkerboard Square
St. Louis, MO 63188

Attention: Robert Broyles

Gentlemen:

Subject: Amendment - Add Sites and Pests
Purina Diastimon Granules - 54
EPA Registration No. 407-292
Application Dated January 19, 1984

The amendment referred to above, submitted in connection with registration

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA sec. 3(e)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (T9-767)

Enclosures

RD-IRB:DCR-05499:LaRocca:LM:Raven:557-2226:RD-22:3/15/84:Del.4/2/84

CONCURRENCES							
SYMBOL	157510						
SURNAMES	T. Broyles						
DATE	3/16/84						

Reason For Issue: Expansion of label claims.
For submission to EPA. Delete tomato use.

Date Issued: 3-8-84 (Green)

Prev. Date Issued: 6-15-83



PURINA[®]
BRAND

DIAZINON* GRANULES-5%

TREATS UP TO 6000 SQUARE FEET

LAWN & GARDEN
INSECT CONTROL

EPA Reg. No. 602-292

(3-Row Checkerband[®])

Ready-to-use Granules
Contains 5% Diazinon* insecticide.

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 95%

~~100%~~

*Diazinon a registered trademark of CIBA-GEIGY Corporation.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BACK PANEL FOR ADDITIONAL CAUTION STATEMENTS

Diazinon Granules Kills

- | | |
|--------------|-------------------------|
| Ants | Fire ants |
| Armyworms | Fleas |
| Bermudagrass | Onion maggots |
| mites | Root maggots |
| Billbugs | Lawn moths |
| Brown dog | (Sod webworms) |
| ticks | White grubs of: |
| Chiggers | . Japanese beetle |
| Chinch bugs | . European chafer |
| Crickets | . Southern chafer |
| Cutworms | Wireworms |
| Earwigs | and others |
| | See Directions for Use. |

ACCEPTED
with COMMENTS
in LPA Letter Dated:

MAR 28 1984

Under the Federal Insecticide,
Fungicide and Rodenticide Act
as amended, for the pesticide
registered under FIFRA Reg. No.
602-292

NET WT 12-1/2 LB

G-2648

Manufactured By
RALSTON PURINA COMPANY
General Offices
Checkerboard Square
St. Louis, Missouri 63164

NET 12-1/2 LB
PURINA[®]
BRAND
DIAZINON* GRANULES-5%

Left Side Panel

P. 2

PURINA [®] DIAZINON GRANULES-5%
BRAND

Lawn and Garden Insect Control

In Lawns PURINA Diazinon Granules-5% Kills:

Ants	Fleas
Armyworms	Lawn moths
Bermudagrass mites	Leafhoppers
Billbugs	Millipedes
Brown dog ticks	Lawn moths (Sod webworms)
Chiggers	Sowbugs
Chinch bugs	Springtails (Collembola)
Clover mites	White grubs of:
Crickets	.Japanese beetle
Digger wasps	.European chafer
Earwigs	.Southern chafer
Fire ants	

In Gardens PURINA Diazinon Granules-5% Kills:

Armyworms
Carrot rust flies
Corn borers
Mole crickets
Onion maggots
Root maggots
Rootworms
Wireworms

PURINA [®] DIAZINON GRANULES-5%
BRAND

Lawn & Garden Insect Control

NOTE:

The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust spreader setting if necessary, in order to assure correct rate of application.

SPREADER SETTING NO.
(per 1000 sq. ft.)

Spreader Make and Model	Insects listed below*		White grubs, Billbugs
	Grass of Dichondra Lawn	St. Augustine Lawn	
	2 lbs.	3 lbs.	2-1/2 lbs.
Central Imperial Mark No. 1662-G	6-1/2	7-1/4	7
Central Suburbia Lawn Spreader - No. 1622-Q	6-1/2	7-1/2	7
Cyclone Model B1 Rotary	4-1/2	5	4-3/4
Greenfield Model 105	6-1/2	7-1/4	6-3/4
Ortho Drop Spreader Model 3000	4-1/2	5-1/2	5
Ortho Broadcast Spreader Model 4000	4-1/2	7	6
J. C. Penney Model 6005	7-1/4	8	7-1/2
J. C. Penney Rotary Spreader	5	7	6
Scott Model 35	4	5	4-1/2
Sears Craftsman Model 671.19198	6	7	6-1/2

- | | |
|--------------------|------------------|
| *Ants | Fire ants |
| Armyworms | Fleas |
| Bermudagrass mites | Hyperodes weevil |
| Brown dog ticks | (New York only) |
| Chiggers | Lawn moths |
| Chinch bugs | (Sod Webworms) |
| Clover mites | Leafhoppers |
| Crickets | Millipedes |
| Cutworms | Sowbugs |
| Earwigs | Springtails |
| | (Collembola) |

Back Panel

(R)
 PURINA DIAZINON GRANULES-5%
 BRAND

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Avoid contamination of food and feed. Avoid contamination of eating or cooking utensils. 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. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

STATEMENT OF PRACTICAL TREATMENT

Call a physician or Poison Control Center immediately.

If swallowed: Drink one or two glasses of water and induce vomiting by touching back of 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 and apply respiration if indicated.

If on skin: Wash promptly with soap and water. Rinse thoroughly.

If in eyes: Rinse eyes for at least 15 minutes with water and call a physician immediately.

ENVIRONMENTAL HAZARD

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Keep out of lakes, streams and ponds. 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.

Overall Lawn Application:

PURINA Diazinon Granules-5% controls the following lawn insects on both grass and dichondra lawns:

Ants . Armyworms . Bermudagrass mites . Brown dog ticks . Chiggers . Chinch bugs . Clover mites . Crickets . Cutworms . Earwigs . Fleas . Lawn moths (sod webworms) . Leafhoppers . Millipedes . Sowbugs . Springtails (Collembola)

Apply PURINA Diazinon Granules-5% 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.).