

10370-245
104
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 22 1994

6538-9615-311
17/4

Ms. Christina M. Lawes
Roussel Uclaf Corporation
95 Chestnut Ridge Road
Montvale, NJ 07645

Dear Ms. Lawes:

Subject: Amendment- Revise per Diazinon Registration Standard
2% Diazinon Granules
EPA Registration Number 10370-245
Your submission dated October 15, 1993

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, and a copy of a stamped label is enclosed for your records.

Please make the following revisions when preparing the actual finished label:

1. Under DIRECTIONS FOR USE change "federal" to read "Federal".
2. Under kills: change "Sowbugs" to read "Sowbugs (Pillbugs)".

Submit three copies of finished labeling prior to releasing the product for shipment.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

CONCURRENCES							
SYMBOL	Enclosure	H7505C					
SUPNAME		10					
DATE		5/11/94					

2% Diazinon Granules

Lawn Insecticide

2074

This product must not be used on golf courses and sod farms.

For outdoor use on the home lawn only.

Ready to use. Contains 2% diazinon insecticide.

Treats up to 2500 square feet.

**12½ Pounds
Net Weight**

Active Ingredient:
Diazinon: O, O-Diethyl
O-(2-Isopropyl-6-
methyl-4-pyrimidinyl)
phosphorothioate..2%

Inert Ingredients: 98%

Total: 100%

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See additional precau-
tionary statements on
back of bag.

EPA Reg. No. 10370-245

Controls

Brown dog ticks

Chinch bugs

Sod webworms

Lawn moths

Earwigs

Fleas

Fire ants *

White grubs of:

- Japanese beetle

- European chafer

- Southern chafer

Billbugs

...and many others

* Aids in control

See complete list
on back of bag

Statement of Practical Treatment

If swallowed: Call a physician immediately. 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 if person is unconscious or convulsing.

If inhaled: Remove victim to fresh air and apply artificial respiration if indicated.

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

If in eyes: Rinse eyes with plenty of water and call a physician immediately.

Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 22 1994

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

10370-245

ROUSSEL UCLAF

Roussel Uclaf Corporation
55 Chestnut Ridge Road
Montvale, New Jersey 07643

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with eyes, skin, or clothing. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions result, contact a physician. Do not store near food or feed products. Food utensils such as tablespoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets onto the treated area until granules have been watered in and the grass has dried.

Environmental Hazards

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese) feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds.

Avoid overlapping granules. Follow all watering instructions in the directions for use, however, stop watering before judging occurs.

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304

Do not apply this product to sites occupied by water, or within 75 ft. of any body of water that may attract waterfowl, such as ponds or lakes.

Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL OR TURF INJURY.

Storage and Disposal

Storage: Store in original container in a cool, dry, well-ventilated area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, seeds, food, or feed.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty bag. Discard bag in trash.

kills:

Ants	Crickets	Springtails
Armyworms	Cutworms	Sod webworms
Bermudagrass mites	Digger wasps	Sowbugs
Billbugs	Earwigs	White grubs of:
Brown dog ticks	Fire ants*	• Japanese beetle
Chiggers	Fleas	• European chafer
Chinch bugs	Lawn moths	• Southern chaffer
Clover mites	Leafhoppers	
	Millipedes	* Aids in control.

OVERALL LAWN APPLICATION

Special Precautions To Reduce Risk To Birds

Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risks to birds:

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions included within the directions for use, however, stop watering before puddling occurs.
6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than four applications per year.

2% Diazinon Granules controls certain lawn pests on both grass and dichondra lawns. Apply this product with a fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

10370-245

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Pest	Rate*	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola)	5 lbs. per 1,000 sq. ft.	Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.
Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer, <i>Acanthia spretulus</i> (dung beetle)	5 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. 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 with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.
Hyperodes weevils	5 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

* 1,000 sq. ft. = an area 20 ft. x 50 ft.

100 sq. ft. = an area 10 ft. x 10 ft.

5 lbs. per 1,000 sq. ft. = 8 oz. per 100 sq. ft.

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

LAWN SPREADER SETTING NO.**

To deliver 5 lbs. per 1,000 sq. ft.

Spreader Make and Model	For insects listed Grass and Dichondra Lawns
Central Imperial Mark No. 1662-G	7 1/2
Central Suburbia Lawn Spreader No. 1622-0	7 1/2
Cyclone Model B1 Rotary	6
Greenfield Model 105	8
J.C. Penney Model 6005	8 1/2
J.C. Penney Rotary Spreader	8
Scott's Precision Flow Spreader PF-1	6 1/2
Sears Craftsman Model 671.19198	7 1/2

** For application with other types of equipment, apply at the rate of 5 lbs. per 1,000 sq. ft.

SPOT TREATMENT

Ants: Apply one tablespoon of 2% Diazinon Granules over and around each individual ant hill.

Fire Ants: To aid in the control of fire ants in lawns and other outdoor recreation areas, apply 1 1/4 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. Apply water gently to avoid disturbing ants. Use of high-pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. Treat as necessary.

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 one tablespoon of 2% Diazinon Granules in and around each individual ground nest opening. Make the application about dusk when the wasps are not active.

BAND TREATMENT AROUND HOUSE FOUNDATION

The following pests are commonly found around or near house foundations and may enter the house:

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

To control these pests, apply a 2-foot band of 2% Diazinon Granules next to the house foundation. Distribute granules uniformly, using a rate of 8 oz. per 100 sq. ft. of area (2 ft. x 50 ft.) treated. If necessary, repeat application at 3-week intervals.

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions.

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