

Reg # 432-742

PM-13

175

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 21 1994

~~655-546-2861~~  
17/4

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

Dear Ms. Lawes:

Subject: Amendment- Revised per Diazinon Registration Standard  
Diazinon 14G  
EPA Registration Number 432-742  
Your submission dated October 15, 1993

The labeling 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.

Your label must incorporate worker protection labeling. Refer to PR Notice 93-7 and 93-11.

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL	H7505C						
ORG NAME	RUC						
DATE	6/21/94						

1985

**RESTRICTED USE PESTICIDE**  
**DUE TO AVIAN AND AQUATIC TOXICITY**  
 FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

# diazinon 14G

Net Weight

## GRANULAR INSECTICIDE

For control of certain soil insects including wireworms, cutworms, and other crop pests

Active ingredient: Diazinon: O, O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate ..... 14.3%

Inert ingredients: ..... 85.7%

Total: ..... 100.0%

Diazinon 14G is a granular insecticide.

EPA Reg. No. 432-743      EPA Est. \_\_\_\_\_

-742

**KEEP OUT OF REACH OF CHILDREN.**  
**CAUTION**

See additional precautionary statements and directions for use on side of bag.

### Precautionary Statements

Hazards to Humans and Domestic Animals  
**CAUTION**

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with eyes, skin or clothing. Wash thoroughly after handling and before eating or smoking. Do not store near food or feed products. Do not contaminate ornamental fish ponds.

**Environmental Hazards**

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Collect or incorporate granules that are spilled during loading or are visible on soil surface in turn areas. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, or areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, snails, crabs, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

**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 plenty of soap and water. Rinse thoroughly. Get medical attention.


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

Note to Physician: This product is an organophosphorus 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 21 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 432-743

**ROUSSEL UCLAF**   
 Rousell Uclaf Corporation  
 95 Chestnut Ridge Road  
 Montvale, New Jersey 07645

**BEST AVAILABLE COPY**

**DIRECTIONS FOR USE**

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

**Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry, well-ventilated area away from food or feed.

**Pesticide:** Pesticide or equipment residue that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Containers:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate, or burn if allowed by state and local authorities. Stay out of smoke during burning. Do not reuse container.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of waste.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.**

Unless directions under Timing/Special Directions state otherwise, applications to the soil should be worked into the top few inches immediately after application with a rotary hoe, cultivator, disk, harrow, or other suitable means for greatest effectiveness.

**Work Safety Rules**

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

When handling diazinon 14G, do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Practical Treatment section of this label. When handling this product, wear the personal protective equipment listed in the following section.

**PERSONAL PROTECTIVE EQUIPMENT**

Long-sleeved shirt, long-legged pants, shoes and socks, and chemical-resistant gloves.

Do not apply this product in a way that will contact unprotected workers, either directly or through drift. Only protected handlers may be in the area during application.

**VEGETABLE CROPS**

**Special Precautions To Reduce Risks To Birds**  
 Birds feeding on treated areas may be killed. To reduce risks to birds:

1. Thoroughly incorporate this product into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
2. Cover or incorporate spilled granules.

diazinon 14G should be applied uniformly as directed for each crop. When a range of rates is given, use the higher rate for heavy infestations.

For application by ground equipment only. Do not apply this product to food crops grown in greenhouses.

Note: Soil Incorporation - Unless directions under Timing/Special Directions state otherwise, for control of pests listed below diazinon 14G should be incorporated into the soil during or immediately after application.

Insect	Depth of Incorporation
Surface cutworms*	2-3 inches
Subterranean cutworms*	3-6 inches
Mole crickets	1-2 inches
Root maggots	3-4 inches
Wireworms	4-6 inches

\*If cutworms cannot be identified, incorporate 4-6 inches.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole, and Snap) (succulent varieties only)	Cutworms	14-26 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Beets, Red (Table)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Broccoli	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Brussels Sprouts	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.

Crop	Pest	Rate	Timing / Special Directions
Cabbage	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Carrots	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Cauliflower	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Celery	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Collards	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Cucumbers	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.

Endive (Escarole)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Ginseng	Cutworms, Climbing cutworms, Wireworms, White grubs	14-28 lbs. per acre	In new beds, broadcast just before planting and incorporate into the top 4-8 inches of soil by tilling with hand-held or powered ground equipment.
		21 lbs. per acre	When soil insect damage appears in established beds, broadcast in the Spring or late Summer through early Fall. Incorporate mechanically with 1/2 inch of irrigation.

Note: Do not apply more than once per growing season. Do not apply within 12 months of harvest.

Kale	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Lettuce	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Melons (Cantaloupe, Casabas, Crenshaws, Honeydew, M. almonata, Persian, and Hybrids of these) and Watermelons	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Mustard	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.

diazinon 14G

595

Crop	Pest	Rate	Timing / Special Directions
Onions (Bulb and Green)	Onion Maggots	14-28 lbs. per acre	Broadcast just before planting and incorporate into the top 3-4 inches of soil. Note: Diazinon will not control organo-phosphate-resistant onion maggots.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Parsley	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Peas (succulent varieties only)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Peppers	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Potatoes	Cutworms (Surface and Subterranean)	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.

Note: Do not use on commercially-grown potatoes which will be hand-harvested.

Radishes	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
Spinach	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Squash (Summer and Winter)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.

Sweet Corn	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Seed Corn Maggots	14-28 lbs. per acre	Broadcast just before planting and incorporate into the soil 2 inches.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	21 lbs. per acre	Broadcast and incorporate into soil just before planting.
Swiss Chard	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Tomatoes	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Turnips	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.

FIELD CROPS

**Special Precautions To Reduce Risks To Birds**  
 Birds feeding on treated areas may be killed. To reduce risks to birds:

1. Thoroughly incorporate this product into the soil during or immediately after application.
2. Collect or incorporate granules that are spilled during loading or are visible on soil surface in turn areas.

diazinon 14G should be applied uniformly as directed for each crop.

Crop	Pest	Rate	Timing / Special Directions
Sugar Beets	Sugar Beet Root Maggots	7-14 lbs. per acre or 4.7-2.4 r.e. (8" x 10" linear ft. of row)	Apply in a 5-7 inch band (based on 22" row spacing) incorporated 2-3 inches at planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil 4-8 inches just before planting.

Note: Do not apply more than 28 lbs. of diazinon 14G per acre to the soil per season.

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

**BEST AVAILABLE COPY**