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United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 1 1993

Morris Gaskins
MICRO-FLO CO.
BOX 5948
LAKELAND FL 33807

Subject: Label Amendment Submission of 05/27/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 51036-70
DIAZINON 14G GRANULAR INSECTICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,
James Tompkins
James Tompkins, Deputy Chief
Registration Support Branch
Registration Division

MICRO-FLO CO.
DIAZINON 14G GRANULAR INSECTICIDE
51036-70 05/27/93
Original Submission

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

The soil incorporation exception should be placed directly beneath the REI statement.

There is a typographical error(s) in the User Safety Recommendations section.

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.

**MICRO FLO
DIAZINON 14G
GRANULAR INSECTICIDE
ORGANOPHOSPHATE**

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%

KEEP OUT OF REACH OF CHILDREN

CAUTION

**STATEMENT OF PRACTICAL TREATMENT
Organophosphate**

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. Get medical attention.

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.

See additional precautionary statements elsewhere on label

This product is an organophosphorus ester that inhibits cholinesterase.

EPA Reg. No. 51036-70

EPA Est. No. 51036-GA-1

Manufactured By
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FLORIDA 33807

ACCEPTED
with COMMENTS
in EPA Letter Dated

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 51036-70

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. Do not store near food or feed products. Do not contaminate ornamental fish ponds.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing

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 and waterfowl. 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, to areas where surface water is present, or to intertidal areas below the mean highwater mark. Drift and 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, 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

- 1. Coveralls
- 2. Waterproof gloves
- 3. Shoes plus socks

EXCEPTION: If this product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

FAILURE TO FOLLOW ALL PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

Unless directions under specific uses 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.

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

CONTAINER DISPOSAL: 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 wastes. In case of an emergency call 1-800-424-9300.

VEGETABLE CROPS

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 specific uses 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 to 3 inches |
| Subterranean cutworms* | 3 to 6 inches |
| Mole crickets | 1 to 2 inches |
| Root maggots | 3 to 4 inches |
| Wireworms | 4 to 8 inches |

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

BEANS (Pole, Snap or Lima)(succulent varieties only):

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

BEETS, RED (Table):

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

BROCCOLI:

Root Maggots - 14 to 21 lbs. per acre. Broadcast and incorporate into the soil just before planting or transplanting.

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

BRUSSELS SPROUTS:

Root Maggots - 14 to 21 lbs. per acre. Broadcast and incorporate into the soil just before planting or transplanting.

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

CABBAGE:

Root Maggots - 14 to 21 lbs. per acre. Broadcast and incorporate into the soil just before planting or transplanting.

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

CARROTS:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

CAULIFLOWER:

Root Maggots - 14 to 21 lbs. per acre. Broadcast and incorporate into the soil just before planting or transplanting.

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

CELERY:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

COLLARDS:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

CUCUMBER:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

ENDIVE (Escarole):

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

GINSENG:

Cutworms, Climbing cutworms, Wireworms, White grubs - 14 to 28 lbs. per acre. In new beds, broadcast just before planting and incorporate into the top 4 to 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 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

LETTUCE:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into

the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

MELONS (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and Hybrids of these) and **WATERMELONS**:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

MUSTARD:

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

ONIONS (Green and Bulb):

Onion Maggots - 14 to 28 lbs. per acre. Broadcast just before planting and incorporate into the top 3 to 4 inches of soil.

NOTE: Diazinon may not control organophosphate-resistant onion maggots.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

PARSLEY:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

PEAS (Succulent varieties only):

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

PEPPERS:

Cutworms - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Mole Crickets - 7 lbs. per acre. Broadcast and incorporate into plant beds or fields 1 to 2 days before sowing of seed or transplanting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

POTATOES:

Cutworms (Surface and Subterranean) - 14 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil just before planting.

FIELD CROPS

Diazinon 14G should be applied uniformly as directed for each crop. Observe stated time intervals between applications and maximum number of applications per season.

SUGAR BEETS:

Sugar Beet Root Maggots - 7 to 14 lbs. per acre or 4.7 to 9.4 oz. per 1,000 linear ft. of row. Apply in a 5 to 7 inch band (based on 22" row spacing) incorporated 2 to 3 inches at planting.

Wireworms - 21 to 28 lbs. per acre. Broadcast and incorporate into the soil 4 to 8 inches just before planting.

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

SUGARCANE (FLORIDA ONLY):

Wireworms - 28 lbs. per acre. At planting, apply in a 12-inch band over the open furrow, directly to seed pieces.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed.

THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

Read all directions carefully.