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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Terre Farrell
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

MAR 25 2002

Dear Ms. Farrell:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Beans, Celery, Cucumbers, Parsley,
Peas, Peppers, Potatoes, Summer Squash,
Winter Squash, Sweet Potatoes, Swiss Chard,
Turnips, Indoor Ornamentals, and Lawns
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source

Diazinon 5G
EPA Registration Number 10163-116
Your submission dated September 19, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Directly under the heading FIRST AID add "Organophosphate".
 - b. In the last item of the If Swallowed advice in the FIRST AID section, revise "...an unconscious person" to read "...an unconscious or convulsing person".
 - c. In the Environmental Hazards, delete the 3 sentences that refer to the now deleted use on lawns. Specifically, delete the sentence beginning "Because of...", the sentence beginning "For lawns, follow...", and the sentence beginning "For lawn, do not apply...".
 - d. Under the heading VEGETABLES, revise the sentence "Do not apply this product to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."

3. Submit three (3) 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 section 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.

The Basic Confidential Statement of Formula (CSF) dated September 19, 2001 and the Alternate CSF dated September 19, 2001 which identify replacement diazinon source Manufacturing Use Products are acceptable and have been added to this product's registration file.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

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.

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

GOWAN DIAZINON 5G

Ready-to-use granules

ACTIVE INGREDIENT:		% By Wt.
Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	5.0%
INERT INGREDIENTS	95.0%
		TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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

USER SAFETY RECOMMENDATIONS

Users should:

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

NET CONTENTS _____ POUNDS

EPA Reg. No. 10163-116
EPA Est. No. 67545-AZ-1

ACCEPTED
MAR 25 2002



Gowan Company
P.O. Box 5569
Yuma, AZ, 85366-5569

10163-116

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 of granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil. For lawns, follow all watering instructions in the directions for use; however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water which 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 highwater 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.

Reformulation or repackaging of this product is prohibited.

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 (PPE) and restricted-entry interval. 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. Exception: If the product is soil-injected or 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.

AGRICULTURAL USE REQUIREMENTS (Continued)

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:

- Coveralls
- Waterproof gloves
- Shoes plus socks

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 Gowan Diazinon 5G, do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See STATEMENT OF PRACTICAL TREATMENT section of this label.

VEGETABLES

Special Precautions to Reduce Risks to Birds

Birds feeding on treated areas may be killed. To reduce risks to birds:

1. Thoroughly mix Gowan Diazinon 5G into the soil during or immediately after application. Refer to the SOIL INCORPORATION instructions that follow.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

SOIL INCORPORATION

Insect	Depth of Mixing or Incorporation Into Soil
Surface Cutworms*	2 to 3 in.
Subterranean Cutworms*	3 to 6 in.
Mole Crickets	1 to 2 in.
Root Maggots	3 to 4 in.
Wireworms	4 to 8 in.

*If type of cutworm cannot be identified, mix into soil 4 to 6 in. deep.

Diazinon 5G controls certain insects on crops listed in the following use directions. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations. Do not apply this product to food crops grown in greenhouses. Applications for control of labeled pests should be thoroughly incorporated into the soil during or after application according to SOIL INCORPORATION guidelines.

CROP	PEST	RATE OZS./500 SQ. FT.	COMMENTS
BEETS, RED (Table)	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	Broadcast and mix into soil 1-2 days before planting.
BROCCOLI, BROCCOLINI, BROCCOFLOWER, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER	Root Maggots	7-10 ½	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
CARROTS	Mole Crickets	3 ½	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	Broadcast and mix into soil 1-2 days before planting.

VEGETABLES (Continued)

CROP	PEST	RATE OZS./500 SQ. FT.	COMMENTS
COLLARDS	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	
ENDIVE (Escarole)	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	
KALE	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	
LETTUCE	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	
MELONS (Cantaloupes, Casabas, Crenshaws, Honeydew, Musk- melons, Persians, and hybrids of these), WATERMELONS	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
MUSTARD	Mole Crickets	3 ½	Broadcast and mix into soil 1-2 days before planting.
ONIONS (Bulb and Green)	Onion Maggot	7-14	Broadcast just before planting and mix into the top 3-4 inches of soil.
	Note: Resistant onion maggot will not be controlled by diazinon or similar type insecticides.		
RADISHES	Wireworms	10 ½ -14	Broadcast and mix into soil just before planting.
	Mole Crickets	3 ½	Broadcast and mix into soil 1-2 days before planting.
SPINACH	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
SWEET CORN	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Seedcorn Maggot	7-14	
TOMATOES	Cutworms	7-14	Broadcast and mix into soil just before planting.
	Wireworms	10 ½ -14	
	Mole Crickets	3 ½	

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.

NOTE: 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.

**FOR 24 HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE),
CALL CHEMTREC® (800) 424-9300.**

For other product information, contact Gowan Company or see
Material Safety Data Sheet.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.