

**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 14G

) **A granular insecticide for control of certain 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%**

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

) **FOR 24-HOUR EMERGENCY ASSISTANCE CALL CHEMTREC (800) 424-9300.**

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

**ACCEPTED**  
 DEC 30 1993  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No. 10163-104

NET WEIGHT \_\_\_\_\_ POUNDS

EPA Reg. No. 10163-104  
EPA Est. No. 10163-AZ-1

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

**NOTICE ON CONDITIONS OF SALE**

Our recommendations for use of this product are based upon test 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 damage, resulting from its misuse as such, or in combination with other materials.

Note: Soil Incorporation - Unless directions under Timing/Special Directions state otherwise, for control of pests listed below Gowan 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	4-8 inches

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

**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, 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 Gowan 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.

Gowan 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.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole, and Snap) (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.
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.

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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 (Cantaloupes, Casabas, Cranhaws, Honeydew, Muskmelons, Persans, 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.

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Crop	Peat	Rate	Timing/Special Directions
	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-phosphorus-resistant onion maggots.
Parsley	Wireworms	21-28 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.
Peas (succulent varieties only)	Wireworms	21-28 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.
Peppers	Wireworms	21-28 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.
Potatoes	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Cutworms (Surface and Subterranean)	14-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
Radishes	Wireworms	21-28 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.
Squash (Summer and Winter)	Wireworms	21-28 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.

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

Sweet Corn	Wireworms	21-28 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.
Sweet Potatoes	Wireworms	21 lbs. per acre	Broadcast and incorporate into soil just before planting.
	Wireworms, Flea Beetles	21 lbs. per acre	Broadcast and incorporate into soil just before planting.
Swiss Chard	Wireworms	21-28 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.
Tomatoes	Wireworms	21-28 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.
Turnips	Wireworms	21-28 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.

**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.

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

Crop	Peat	Rate	Timing/Special Directions
	Sugar Beet Root Maggots	7-14 lbs. per acre or 4.7-9.4 lb. per 1,000 sq ft.	Apply in a 5-7 inch band (labeled on 22-09 23 2 mg) incorporated 2-3 inches at planting.
Sugar Beets	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil 4-8 inches just before planting.

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



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

**Container:** 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. Clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

## 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.

#### 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 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.

#### 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, to 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, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

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