



ACCEPTED

AUG 26 1975

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

# DIAZINON 14G

## INSECTICIDE

<b>ACTIVE INGREDIENT:</b>		
0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate		14.3%
<b>INERT INGREDIENTS:</b>		85.7%
<b>TOTAL:</b>		100.0%

Diazinon 14G is a granular insecticide

EPA REG. NO. 11656-42

### CAUTION: KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid inhalation of dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. May be absorbed through skin.

### ENVIRONMENTAL AND DISPOSAL CAUTIONS

This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Birds feeding on treated areas may be killed. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not reuse container. Destroy it by burying or burning. Avoid smoke or fumes.

Apply this product only as specified on this label.

### NOTICE OF WARRANTY

WESTERN FARM SERVICE, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

NET WEIGHT: 50 POUNDS

**WESTERN FARM SERVICE, INC.**

2401 Crow Canyon Road  
San Ramon, California 94583

WFS 42-01 5-75

### DIRECTIONS FOR USE

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.

#### FIELD AND FORAGE INSECTS

**BEANS (PINTO)** - Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band centered over the row when beans are 1/2-1 inch high.

**CORN** - Corn Rootworm Larvae: Apply 8 1/2-17 oz. per 1,000 linear feet of corn row in a 7-inch band centered over the corn row at planting time. Apply amount per acre recommended according to row spacing chart for row treatment.

Corn rootworms can also be controlled after corn is up. Apply 4 1/2-8 1/2 oz. per 1,000 linear feet of row in a band over the row at first sign of rootworms, but not later than June 24 in the middle Corn Belt or July 1 in the Northern Corn Belt. Cover treated band with 2-3 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

European Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls, when 75% of plants show first-generation borers feeding. Make a second application 7 days later, if needed. To control second-generation corn borers, apply 7-14 lbs. per acre, as above, when field count shows 100 egg masses per 100 plants.

Diazinon 14G may be applied by aircraft for the above use. This material should be uniformly applied to the area to be treated at the recommended rates given above.

(Combining Post-emergence Treatment for Control of Corn Rootworm Larvae and European Corn Borer - North Central United States only). When infestations of these insects coincide, a single application may be made to replace the above basal post-emergence treatment for corn rootworm larvae and one of the above applications for the control of first-generation European corn borer. Use the combination treatment where European corn borer egg masses or larvae are present at the same time corn rootworm larvae should be controlled. Treatment should be made at the peak of first-generation European corn borer egg laying, but not later than June 24 in the Middle Corn Belt or July 1 in the Northern Corn Belt for adequate rootworm control.

Apply 7-14 lbs. per acre over the corn plants. Cover granules falling to the ground by throwing 2-3 inches of soil into the corn row with a disk, roller or cultivator.

Repeat application to corn whorls 7 days later, if needed, for control of European corn borer. To control second-generation corn borers, apply 7-14 lbs. per acre, as above, when field count shows 100 egg masses per 100 plants.

Fall Armyworms: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when armyworms first appear. Repeat application, if necessary.

Southwestern Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when second-generation borers first appear. Repeat application one week later.

**Note:** Do not feed treated fodder to dairy or beef cattle or sheep for 10 days following application. Corn may be picked immediately. Temporary spotting of foliage sometimes occurs following application.

Cutworms: Broadcast 14-28 lbs. per acre. For surface cutworms apply just prior to planting or when larvae first appear, and work into soil 1-2 inches. Do not apply after layby. For subterranean cutworms, apply just prior to planting and work into soil 3-6 inches.

Lesser Cornstalk Borers: Apply 8 1/2-17 oz. per 1,000 linear feet of row in a 10-inch band centered over the row. Make application at planting time or when crop begins to emerge. Cover the treated band with 1-2 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

Seed Corn Maggots: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2 inches.

Garden Symphylans (Centipedes): Broadcast 20 lbs. per acre just prior to planting and work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean) and wireworms.

Wireworms: Broadcast 21-28 lbs. per acre before planting. Work into soil 4-6 inches.

**DIRECTIONS FOR USE (continued)**  
**Suggested Rates According to Corn Row Spacing**

Row spacing	Linear feet of corn row/acre	Amount of Diazinon 14G per acre	
		Row treatment at planting time	Post-emergence basal treatment
48"	10,890	6 - 12 lbs.	3 - 6 lbs.
42"	12,455	6½ - 13 lbs.	3½ - 6½ lbs.
40"	13,068	7 - 14 lbs.	3½ - 7 lbs.
38"	13,939	7½ - 15 lbs.	3¾ - 7½ lbs.
36"	14,520	8 - 16 lbs.	4 - 8 lbs.
30"	17,424	9½ - 19 lbs.	4¾ - 9½ lbs.
24"	21,780	11½ - 23 lbs.	5¾ - 11½ lbs.
20"	26,136	14 - 28 lbs.	7 - 14 lbs.
15"	34,848	16½ - 37 lbs.	9¼ - 18½ lbs.

**Note:** For row spacings not listed, calculate the appropriate dosage rates based on the 40-inch row figures.

**PEANUTS** - Southern Corn Rootworms: Broadcast 28 lbs. per acre or the equivalent in a band over the fruiting zone, just prior to pegging. Work into top few inches of soil.

Cutworms: Apply 14 lbs. per acre in a 12-inch band over the row when cutworms first appear. Up to three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

Lesser Cornstalk Borers: Apply 14-21 lbs. per acre in a band over the fruiting zone just prior to pegging. Cover the band with 1-2 inches of soil.

**Note:** Livestock (1) may be fed peanut hulls (2) may be fed peanut forage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

**SORGHUM** - Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 10-inch band over the row at planting time or as crop emerges. Cover the band with 1-2 inches of soil.

**Note:** Do not apply directly to the seed furrow as reduction of sorghum seed germination may occur.

**SOYBEANS** - Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band over the row just prior to planting or when soybeans are 1-2 inches high. Cover the band with 1-2 inches of soil.

**SUGAR BEETS** - Sugar Beet Root Maggots: Apply 7-14 lbs. per acre in a 5-7 inch band above the seed, or apply as a furrow treatment after the seed is covered. Make application ahead of the press wheel. This treatment will reduce damage and loss of germinating seedlings due to sugar-beet root maggot.

**Note:** Diazinon should not come in direct contact with the seed or injury will occur. This usage is intended for the establishment of a satisfactory sugar beet stand. Treatments may not give full season protection against maggot infestations.

Wireworms: Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches.

**SUGARCANE** - Sugarcane Borers: Broadcast 10½-17½ lbs. per acre after joints have begun to form and when at least 5% of plants show borers feeding in or under the leaf sheath but which have not bored into the stalks. Additional applications may be necessary to assure continuing control.

**Note:** Do not make more than four applications per growing season. Allow 28 days between last application and harvest. At that time bagasse and forage may be fed to livestock.

Wireworms: Apply 42 lbs. per acre in a 12-inch band over the open furrow directly to seed pieces.

**TOBACCO** - Cutworms: Broadcast 14-21 lbs. per acre before transplanting. Work into soil 2-4 inches.

Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting, and work into soil 1-2 inches.

Seed Corn Maggots: Broadcast 10½ lbs. per acre 3-4 weeks before transplanting. Work into soil 2 inches.

Wireworms: Broadcast 14-21 lbs. per acre 3-4 weeks before transplanting. Work into soil 6-9 inches.

**FORAGE CROP (ALFALFA, CLOVER, COWPEAS, AND LESPEDEZA)** - Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms, 3-6 inches to control subterranean cutworms.

**VEGETABLE CROP INSECTS**

**BROCCOLI, BRUSSELS SPROUTS, CABBAGE, AND CAULIFLOWER** - Root Maggots: Broadcast 14-21 lbs. per acre before planting or transplanting. Work into soil 3-4 inches.

**ONIONS** - Onion Maggots: Apply 14-28 lbs. per acre as a broadcast soil treatment just prior to planting. Thoroughly mix the chemical into the top 3-4 inches of soil by disking, harrowing or other suitable means.

**RADISHES** - Root Maggots: Apply 10½-14 lbs. per acre (2-1 2 2-4 5 oz. per 1,000 linear feet of row) in the seed furrow at planting time.

**SWEET CORN** - See Corn under Field and Forage Crops.

**TOMATOES** - Vinegar Flies (*Drosophila* spp.): Broadcast 7 lbs. per acre when flies first appear. Repeat in 7-10 day intervals or as required.

**OTHER VEGETABLE INSECTS**

**Cutworms (Surface and Subterranean)**

Broccoli	Collards	Muskmelons	Spinach
Brussels Sprouts	Cucumbers	Parsley	Summer Squash
Cabbage	Endive (escarole)	Peas	Swiss Chard
Cantaloupes	Kale	Peppers	Tomatoes
Cauliflower	Lettuce	Pole Beans	Watermelons
Celery	Lima Beans	Snap Beans	Winter Squash

Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms, 3-6 inches to control subterranean cutworms.

Potatoes: Broadcast 14-28 lbs. per acre before planting. Work into soil 4-6 inches.

**Garden Symphylans (Centipedes)**

Cabbage	Lettuce	Pole Beans	Red Beets	Tomatoes
Carrots	Peas	Radishes	Snap Beans	Turnips

Broadcast 70 lbs. per acre just prior to planting. Work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

**Mole Crickets**

Broccoli	Collards	Lettuce	Radishes
Brussels Sprouts	Endive (escarole)	Mustard	Tomatoes
Cabbage	Kale	Peppers	Turnips

Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting, and work into soil 1-2 inches.

**Lesser Cornstalk Borers** - Beans (Lima, Pole, Snap): Apply 7-14 lbs. per acre in a 6-inch band centered over the row. Apply when plants are 1-1 1/2 inch tall.

**Wireworms**

Broccoli	Collards	Onions	Summer Squash
Brussels Sprouts	Cucumbers	Parsley	Sweet Potatoes
Cabbage	Endive (escarole)	Peas	Swiss Chard
Cantaloupes	Kale	Peppers	Tomatoes
Carrots	Lettuce	Pole Beans	Watermelons
Cauliflower	Lima Beans	Snap Beans	Winter Squash
Celery	Muskmelons	Spinach	

Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches. Potatoes: Broadcast 21-42 lbs. per acre before planting. Work into soil 4-8 inches or apply 7-21 lbs. per acre at planting, placing Diazinon in bands 3-6 inches deep along both sides of row.

Sweet Potatoe (Southeastern U.S.): Broadcast 21 lbs. per acre over the top of row when roots begin to enlarge.

**SMALL FRUIT INSECTS**

**STRAWBERRIES** - Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to transplanting and work into soil 1-2 inches.

**LAWN INSECTS**

Green Chain Bug: Apply 1-1 1/2 lb. per 1,000 sq. ft. (2½-5 lb. per 5,000 sq. ft.) and broadcast down to work granules down to the soil surface. Water lawn thoroughly after application. Repeat application in 7-10 days if necessary. For longer residual control and on dense growing turf such as St. Augustine grass, use 1-1½ lbs. per 1,000 sq. ft. (5-7½ lbs. per 5,000 sq. ft.)

Diazinon (Eaton's) is a BA 5E GR.