

D·z·n[®]

diazinon 14G

For Agricultural or
Commercial Use Only

Granular Insecticide

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

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

50 Pounds
Net Weight

Active Ingredient:
Diazinon: O,O-Diethyl
O-(2-isopropyl-6-
methyl-4-pyrimidi-
nyl) phosphoro-
thioate 14.3%

Inert
Ingredients: 85.7%
Total: 100.0%

EPA Est. 2393-IL-3
EPA Reg. No. 100-469

D·z·n diazinon 14G is
a granular insecticide.

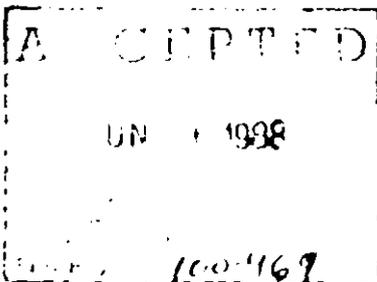
KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See additional precau-
tionary statements on
back of bag.

Control No. **06850**

See directions for use
on back of bag



CIBA-GEIGY

D-z-n* diazinon 14G

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product.

Conditions of Sale and Warranty

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of CIBA-GEIGY or the Seller. Such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.**

CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

DIRECTIONS FOR USE

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

Reentry Statement for Agricultural Uses

No user shall permit the application of this product in such a manner as to directly or indirectly expose workers or other persons except those knowingly involved in the application. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until dusts have settled. Protective clothing includes at least a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of a closely woven fabric) covering the body including arms and legs, socks and shoes.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given which inform workers of areas or fields that may not be entered without specific protective clothing until dusts have settled and appropriate actions to take as described under **Caution** statements at the end of this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION Area treated with Diazinon 14G on (date of application). Do not enter without appropriate protective clothing until dusts have settled. In case of accidental exposure, flush eyes or skin with plenty of water. Call a physician if irritation persists. Remove and wash contaminated clothing before reuse."

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.

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

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 12-14 inch high.

Corn

Corn Rootworm Larvae (Postemergence Basal Treatment)

Apply 4½-8½ 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.

Lesser Cornstalk Borers: Apply 8½-17 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.

Suggested Rates According to Corn Row Spacing

Row Spacing	Linear feet of corn row per acre	Amount of D-z-n diazinon 14G Per Acre
		Postemergence Basal Treatment
48"	10,890	3-6 lbs
42"	12,455	3¼-6½ lbs
40"	13,068	3½-7 lbs
38"	13,939	3¾-7½ lbs.
36"	14,520	4-8 lbs
30"	17,424	4¾-9½ lbs
24"	21,780	5¾-11½ lbs
20"	26,136	7-14 lbs
15"	34,848	9¼-18½ lbs

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

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 counts show 100 egg masses per 100 plants.

D-z-n 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.

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.

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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 lay by. For subterranean cutworms, apply just prior to planting and work into soil 3-6 inches.

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

Garden Symphylans (Centipedes). Broadcast 70 lbs. per acre just prior to planting and work into soil 4-8 inches. This pre-plant 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.

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 (based on row width of 22 in.) or 4 7-9 4 oz. per 1,000 linear feet of row in a 5-7 inch band either incorporated 2-3 inches at planting or applied above the seed after the seed is covered. Apply ahead of the press wheel. If a heavy maggot infestation is anticipated or a wet spring occurs, a second application may be made, early postemergence, when the adult maggots (flies) first start to appear. If a second application is necessary, apply 7-10½ lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4 7-7 1 oz. per 1,000 linear feet of row in a 5-7 inch band directly over the row.

Note: D·z·n diazinon 14G should not come in direct contact with the seed or injury will occur.

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 upper 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 Crops (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 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 (2½-2¾ oz. per 1,000 linear feet of row) in the seed furrow at planting time.

Sweet Corn

See Corn under Field and Forage Insects.

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

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

Broadcast 16 lbs. per 1,000 square feet 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.

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Mole Crickets

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

Apply 7 lbs. per acre when used as a pre-plant. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 2 inches.

Lesser Cornstalk Borers

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

Wireworms

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

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 D·z·n diazinon 14G in bands 3-6 inches deep along both sides of row.

Sweet Potatoes (Southeastern U.S.) Broadcast 21 lbs. per acre over the tops of vines when roots begin to enlarge.

Lawn Pest Control (Excluding Golf Courses and Sod Farms)

Lawn Chinch Bugs: Apply 0.3-0.6 lb. (5-10 oz.) per 1,000 sq. ft. (1.5-3.0 lbs. per 5,000 sq. ft.) and brush lawn to work granules down to the soil surface. Repeat application in 7-10 days if necessary. For longer residual control and on dense growing lawns such as St. Augustine grass, use the higher rate.

Billbugs; White Grubs such as Japanese Beetle Larva, European Chafer, and Southern Chafer: Apply 0.6 lbs. (10 oz.) per 1,000 sq. ft. of lawn. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

Hyperodes Weevil (New York only): Apply 0.6 lb. (10 oz.) per 1,000 sq. ft. of grass. Treat problem areas in mid-April and again in mid-May.

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping of sprays. If waterfowl, i.e., ducks, geese can be expected to enter the treated area after treatment (except spot treatments) water lawn with at least 0.25 inch water immediately after application, however stop watering before puddling occurs.

Storage and Disposal

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

Pesticide: Pesticide or equipment rinseate that cannot be used according to label instructions may be disposed of in water 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.

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.

Fish and Wildlife Caution

This product is toxic to birds, fish and wildlife including waterfowl. Birds and waterfowl feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries (except for effluence from treated watercress beds). Do not apply to water that will be used for recreational purposes and human livestock consumption. 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.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Application should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Apply this product only as specified on this label.

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