

THIS PRODUCT MUST NOT BE USED ON
GOLF COURSES NOR ON SOD FARMS

ACCEPTED

MICRO FLO COMPANY

DIAZINON 14 G
Insecticide

APR 25 1988
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 51036-70

Recommended For Agricultural and Commercial Use

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

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with a finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and lauder before reuse. Wash affected skin areas immediately with soap and water.

IF IN EYES: Rinse eyes with plenty of water and call a physician immediately.

NOTE TO PHYSICIAN: Product contains an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal, and may be administered in conjunction with atropine.

See Below For Additional Precautionary Statements

PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals

CAUTION

Keep children and pets off treated areas. May be harmful if swallowed. Avoid inhalation of dust. May be absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco products. Avoid storage near food or feed products. Wear gloves and long-sleeved work clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply directly to water or wetlands. 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.

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

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until dusts have settled.

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. 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! Areas treated with Diazinon on (date of application). Do not enter without appropriate protective clothing until dusts have settled. Protective clothing means, at least a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a dry place. In case of minor spills, follow all precautions indicated above and cleanup immediately. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

APPLICATIONS

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 CROP INSECTS

BEANS (Pinto): To control Lesser Cornstalk Borers, apply 7 to 14 pounds per acre in a 6-inch band centered over the row when beans are 1/2 to 1 inch high.

CORN: To control Corn Rootworm Larvae, apply 8 1/2 to 17 ounces per 1,000 linear feet of corn row in a 7-inch band centered over the corn row at planting time, or 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 to 8 1/2 ounces 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 to 3 inches of soil or apply amount per acre recommended according to row spacing chart for basal treatment. To control European Corn Borers, apply 7 to 14 pounds 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 to 14 pounds 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 Postemergence 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 postemergence 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 Corn Rootworm Larvae should be controlled. Treatment should be made not later than June 24 in the Middle Corn Belt or July 1 in the Northern Corn Belt for adequate rootworm control.

Apply 7 to 14 pounds per acre over the corn plants. Cover granules falling to the ground by throwing 2 to 3 inches of soil into the corn row with a disk harrow 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 to 14 pounds per acre, as above, when field count shows 100 egg masses per 100 plants.

To control Fall Armyworms, apply 7 to 14 pounds per acre over the corn so granules fall into whorls when Armyworms first appear. Repeat application, if necessary.

To control Southwestern Corn Borers, apply 7 to 14 pounds 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.

To control Cutworms, broadcast 14 to 28 pounds per acre. For Surface Cutworms apply just prior to planting or when larvae first appear, and work into soil 1 to 2 inches. Do not apply after layby. For Subterranean Cutworms, apply just prior to planting and work into soil 3 to 6 inches.

To control Cutworms, broadcast 14 to 28 pounds per acre. For Surface Cutworms apply just prior to planting or when larvae first appear, and work into soil 1 to 2 inches. Do not apply after layby. For Subterranean Cutworms, apply just prior to planting and work into soil 3 to 6 inches.

To control Wireworms, broadcast 21 to 28 pounds per acre before planting. Work into soil 4 to 6 inches.

To control Lesser Cornstalk Borers, apply 8 1/2 to 17 ounces 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 to 2 inches of soil or apply amount per acre recommended according to row spacing chart for basal treatment.

To control Seed Corn Maggots, broadcast 14 to 28 pounds per acre just prior to planting. Work into soil 2 inches.

To control Garden Symphylans (Centipedes), broadcast 70 pounds per acre just prior to planting and work into soil 4 to 8 inches. This preplant treatment will also control Cutworms (Surface and Subterranean) and Wireworms.

SUGGESTED RATES ACCORDING TO CORN ROW SPACING

AMOUNT OF DIAZINON 14G PER ACRE			
Row spacing	Linear feet of corn row/acre	Row treatment at planting time	Postemergence basal treatment
48"	10,890	6 to 12 lbs.	3 to 6 lbs.
42"	12,455	6 1/2 to 13 lbs.	3 1/4 to 6 1/2 lbs.
40"	13,068	7 to 14 lbs.	3 1/2 to 7 lbs.
38"	13,939	7 1/2 to 15 lbs	3 3/4 to 7 1/2 lbs
36"	14,520	8 to 16 lbs	4 to 8 lbs
30"	17,424	9 1/2 to 19 lbs	4 3/4 to 9 1/2 lbs.
24"	21,780	11 1/2 to 23 lbs.	5 3/4 to 11 1/2 lbs.
20"	26,136	14 to 28 lbs	7 to 14 lbs.
15"	34,848	18 1/2 to 37 lbs	9 1/4 to 18 1/2 lbs

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

PEANUTS: To control Southern Corn Rootworms, broadcast 28 pounds per acre or the equivalent in a band over the fruiting zone, just prior to pegging. Work into top few inches of soil. To control Cutworms, apply 14 pounds 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. To control Lesser Cornstalk Borers, apply 14 to 21 pounds per acre in a band over the fruiting zone just prior to pegging. Cover the band with 1 to 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: To control Cutworms, broadcast 14 to 28 pounds per acre just prior to planting. Work into soil 2 to 3 inches to control Surface Cutworms; 3 to 6 inches to control Subterranean Cutworms. To control Lesser Cornstalk Borers, apply 7 to 14 pounds per acre in a 10 inch band over the row at planting time or as crop emerges. Cover the band with 1 to 2 inches of soil.

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

SOYBEANS: To control Cutworms, broadcast 14 to 28 pounds per acre just prior to planting. Work into soil 2 to 3 inches to control Surface Cutworms; 3 to 6 inches to control Subterranean Cutworms. To control Lesser Cornstalk Borers, apply 7 to 14 pounds per acre in a 6-inch band over the row just prior to planting or when soybeans are 1 to 2 inches high. Cover the band with 1 to 2 inches of soil.

TOBACCO: To control Cutworms, broadcast 14 to 21 pounds per acre before transplanting. Work into soil 2 to 4 inches. To control Mole Crickets, apply 7 pounds per acre when insects are present. Make application to plant beds or fields 1 to 2 days prior to sowing of seed or transplanting, and work into soil 1 to 2 inches. To control Seed Corn Maggots, broadcast 10 1/2 pounds per acre 3 to 4 weeks before transplanting. Work into soil 2 inches. To control Wireworms, broadcast 14 to 21 pounds per acre 3 to 4 weeks before transplanting. Work into soil 6 to 9 inches.

FORAGE CROPS (Alfalfa, Clover, Cowpeas, and Lespedeza): To control Cutworms, broadcast 14 to 28 pounds per acre just prior to planting. Work into soil 2 to 3 inches to control Surface Cutworms, 3 to 6 inches to control Subterranean Cutworms.

VEGETABLE CROP INSECTS

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, AND CAULIFLOWER: To control Root Maggots, broadcast 14 to 21 pounds per acre before planting or transplanting. Work into soil 3 to 4 inches.

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

RADISHES: To control Root Maggots, apply 10 1/2 to 14 pounds per acre (2 1/2 to 2 4/5 ounces per 1,000 linear feet of row) in the seed furrow at planting time.

SWEET CORN: See Corn under Field and Forage Crops.

TOMATOES: To control Vinegar Flies (*Drosophila* spp.), broadcast 7 pounds per acre when flies first appear. Repeat in 7 to 10 day intervals or as required.

ADDITIONAL VEGETABLE CROP INSECTS

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CANTALOUPE, CAULIFLOWER, CELERY, COLLARDS, CUCUMBERS, ENDIVE (ESCAROLE), KALE, LETTUCE, LIMA BEANS, MUSKMELONS, PARSLEY, PEAS, PEPPERS, POLE BEANS, SNAP BEANS, SPINACH, SUMMER SQUASH, SWISS CHARD, TOMATOES, WATERMELONS, WINTER SQUASH: To control Cutworms (Surface and Subterranean), broadcast 14 to 28 pounds per acre just prior to planting. Work into soil 2 to 3 inches to control surface cutworms, 3 to 6 inches to control subterranean cutworms.

POTATOES: To control Cutworms (Surface and Subterranean) broadcast 14 to 28 pounds per acre before planting. Work into soil 4 to 6 inches.

CABBAGE, CARROTS, LETTUCE, PEAS, POLE BEANS, RADISHES, RED BEETS, SNAP BEANS, TOMATOES, TURNIPS: To control Garden Symphylans (Centipedes), broadcast 70 pounds per acre just prior to planting. Work into soil 4 to 6 inches. This preplant treatment will also control Cutworms (Surface and Subterranean), Mole Crickets, Root Maggots, and Wireworms.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, ENDIVE (ESCAROLE), KALE, LETTUCE, MUSTARD, PEPPERS, RADISHES, TOMATOES, TURNIPS: To control Mole Crickets, apply 7 pounds per acre when insects are present. Make application to plant beds or fields 1 to 2 days prior to sowing of seed or transplanting and work into soil 1 to 2 inches.

BEANS (Lima, Pole, Snap): To control Lesser Cornstalk Borers, apply 7 to 14 pounds per acre in a 6-inch band centered over the row. Apply when plants are 1/2 to 1 inch tall.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CANTALOUPE, CARROTS, CAULIFLOWER, CELERY, COLLARDS, CUCUMBERS, ENDIVE (ESCAROLE), KALE, LETTUCE, LIMA BEANS, MUSKMELONS, ONIONS, PARSLEY, PEAS, PEPPERS, POLE BEANS, SNAP BEANS, SPINACH, SUMMER SQUASH, SWEET POTATOES, SWISS CHARD, TOMATOES, WATERMELONS, WINTER SQUASH: To control Wireworms, broadcast 21 to 28 pounds per acre just prior to planting. Work into soil 4 to 8 inches.

POTATOES: To control Wireworms, broadcast 21 to 42 pounds per acre before planting. Work into soil 4 to 8 inches or apply 7 to 21 pounds per acre at planting, placing Diazinon in bands 3 to 6 inches deep along both sides of row.

SWEET POTATOES (Southeastern U.S.): To control Wireworms, broadcast 21 pounds per acre over the tops of vines when roots begin to enlarge.

SMALL FRUIT CROP INSECTS

STRAWBERRIES: To control Mole Crickets, apply 7 pounds per acre when insects are present. Make application to plant beds or fields 1 to 2 days prior to transplanting and work into soil 1 to 2 inches.

LAWN INSECTS

LAWNS: To control Lawn Chinch Bugs, apply 1/2 to 1 pound per 1,000 square feet, 2 1/2 to 5 pounds per 5,000 square feet and brush lawn to work granules down to the soil surface. Water lawn thoroughly after application. Repeat application in 7 to 10 days if necessary. For longer residual control and on dense growing turf, use 1 to 1 1/2 pounds per 1,000 square feet 5 to 7 1/2 pounds per 5,000 square feet.

NOTE: Do not allow children in treated areas until surfaces are dry.

SPREADER SETTING NO. (per 1000 sq. ft.)

Spreader	Insects listed below*		White grubs, Billbugs
	Grass or Dichondra Lawn 2 lbs.	St. Augustine Lawn 3 lbs.	
Central Imperial Mark No 1662-G	6 1/2	7 1/4	7
Central Suburbia Lawn Spreader No. 1622-0	6 1/2	7 1/2	7
Cyclone Model B1 Rotary	4 1/2	5	4 3/4
Greenfield Model 105	6 1/2	7 1/4	6 3/4

J.C. Penney Model

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6005	7 1/4	8	7 1/2
J.C. Penney Rotary Spreader	5	7	6
Scott Model 35	4	5	4 1/2
Sears Craftsman Model 671.19198	6	7	6 1/2

*Ants, Armyworms, Bermudagrass mites, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Hyderodes Weevil (New York only), Lawn Moths (Sod Webworms, Leafhoppers, Millipedes, Sowbugs, Springtails (Collembola)

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.

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