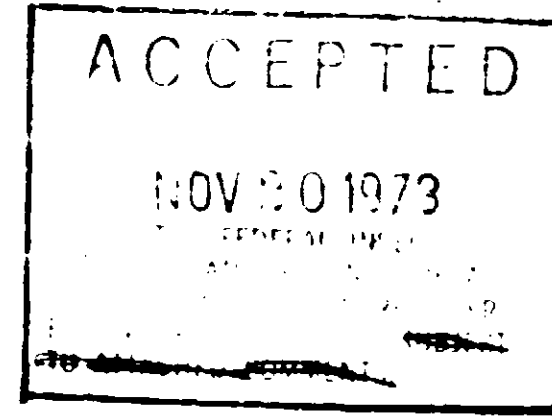
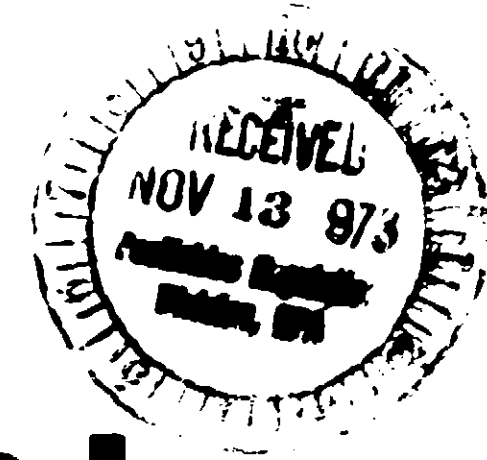


DIAZINON[®]



G-14



Granular Insecticide

ACTIVE INGREDIENT:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate

14.3%

INERT INGREDIENTS

85.7%

total 100.0%

For control of certain soil insects: corn rootworms, wireworms, cutworms, and other crop pests as listed on the label.

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 fish and wildlife. Keep out of lakes, streams, or ponds. Birds feeding on treated areas may be killed. Apply this product

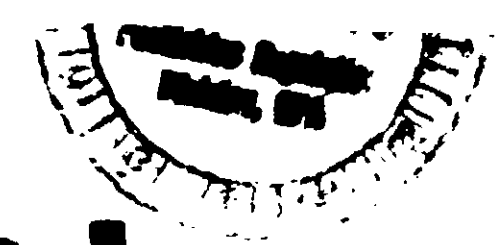
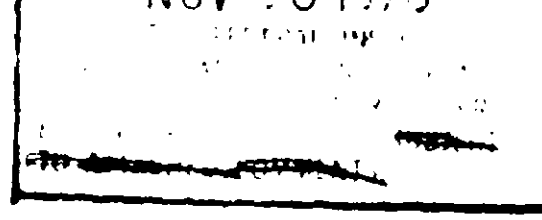
Do not contaminate water by cleaning of equipment, or disposal of wastes.

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

Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

Diazinon[®] trademark of CIBA-GEIGY

NOTICE: Seller makes no warranty, expressed



Granular Insecticide

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O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 14.3%

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For control of certain soil insects: corn rootworms, wireworms, cutworms, and other crop pests as listed on the label.

CAUTION:

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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 fish and wildlife. Keep out of lakes, streams, or ponds. Birds feeding on treated areas may be killed. Apply this product only as specified on this label.

Do not apply where runoff is likely to occur.

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.

Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

Diazinon[®] trademark of CIBA-GEIGY

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product, other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

EPA Reg. No. 148-1146

CG-10-73



**THOMPSON-HAYWARD
CHEMICAL COMPANY**

P.O. BOX 2383 KANSAS CITY, KANSAS 66110

DIRECTIONS FOR USE DIAZINON® G-14

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 5 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 G-14 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 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 7-14 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 70 lbs. per acre just prior to planting, and work into soil 4-6 inches. This preplant treatment will also control 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 20 days of peanut harvest.

Lesser Cornstalk Borers: Apply 14-28 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 20 days after treatment and (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 nitrogen and 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 G-14 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 10 1/2-17 1/2 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 application may be necessary to assure continuing control.

Note: Do not make more than four applications per growing season. Allow 25 days between last application and harvest. At that time bagasse or 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 14-28 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 furrows 2 days prior to sowing of seed or transplanting, and work into soil 1-2 inches.

Seed Corn Maggots: Broadcast 14-28 lbs. per acre 3-4 weeks before transplanting. Work into soil 2 inches.

Wireworms: Broadcast 14-28 lbs. per acre 3-4 weeks before transplanting. Work into soil 4-8 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: Broadcast 14-21 lbs. per acre before

OTHER VEGETABLE INSECTS

Cutworms (Surface and Subterranean)

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

Broadcast 70 lbs. per acre just prior to planting. Work into soil 4-6 inches. This preplant treatment will also control cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

Mole Crickets

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

Apply 7 lbs. per acre when insects are present. Make application to plant beds or furrows 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 1/2-1 inch tall.

Wireworms

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

Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-6 inches.

POTATOES: Broadcast 21-42 lbs. per acre before planting. Work into soil 4-8 inches or apply 1-2 1/2 lbs. per acre at planting, placing Diazinon G-14 in bands 3-6 inches deep along both sides of row.

SUGGESTED RATES ACCORDING TO CORN ROW SPACING

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

Corn cutworms can also be controlled after corn is up. Apply 4-5.2 lbs. per 1,000 linear feet of row in a band over the row at first sign of cutworms, 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 granules at planting, when 10% of plants show frugivorous root boring. Make a second application 2-3 weeks later if needed. In the corn belt, European corn borers are most common in late June and early July. In the north, they lay egg masses prior to plants.

Diazinon G-14 may be applied by aircraft for the above use. This material should be uniformly applied to the area to be treated at the recommended rate per acre.

Post-emergence Treatment for Control of Corn Rootworm Larvae and European Corn Borer: North Central United States: In areas where infestations of these insects are heavy, a single application may be made to replace the above basal post-emergence treatment for rootworm larvae and one of the above applications for the control of first generation European corn borer. Use the combination treatment when European corn borer egg masses or larvae are present at the same time as rootworm larvae in a field. Treatment should be made at the break 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, over granules falling to the ground by the wing 2-3 inches above the corn row with a disk fence cultivator.

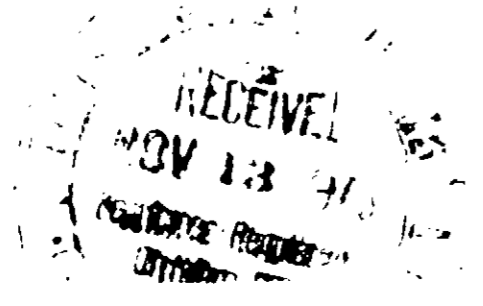
Repeat application to corn with 7 day interval if European corn borer or European corn borer. To control second generation corn borers, apply 7-14 lbs. per acre at intervals when the first corn rows show signs of pest damage.

Apply 7-14 lbs. per acre over the corn granules at planting, when armyworms are present in corn rows. This material should be uniformly applied to the area to be treated at the recommended rate per acre.

SUGGESTED RATES ACCORDING TO CORN ROW SPACING

Row spacing	Linear feet of corn row/acre	Amount of Diazinon G-14 per acre	
		Row treatment at planting time	Post-emergence basal treatment
40	1,359	6-12 lbs.	6-12 lbs.
42	1,245	6-12 lbs.	6-12 lbs.
44	1,133	6-12 lbs.	6-12 lbs.
46	1,022	6-12 lbs.	6-12 lbs.
48	912	6-12 lbs.	6-12 lbs.
50	804	6-12 lbs.	6-12 lbs.
52	697	6-12 lbs.	6-12 lbs.
54	591	6-12 lbs.	6-12 lbs.
56	486	6-12 lbs.	6-12 lbs.
58	382	6-12 lbs.	6-12 lbs.
60	279	6-12 lbs.	6-12 lbs.
62	177	6-12 lbs.	6-12 lbs.
64	75	6-12 lbs.	6-12 lbs.

Note: In areas where corn is planted in rows, the suggested application rates are based on 100% coverage.



Lesser Cornstalk Borers: Apply 8-17 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 over corn at planting. Work into soil 2 inches.

Garden Symphylans - Centipedes: Broadcast 7-14 lbs. per acre at planting and work into soil 2-3 inches. Pre-plant treatment will also control wireworms, cutworms and terrapin and willow.

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

PEANUTS

Southern Corn Rootworms: Broadcast 28 lbs. per acre in the equivalent of a band over the treated area at planting. Working into soil a few inches.

Cutworms: Apply 14 lbs. per acre in a 2 inch band over the row with cutworms first appear. Make additional applications at three week intervals if necessary. Do not apply within 10 days of peanut harvest.

Lesser Cornstalk Borers: Apply 14-21 lbs. per acre in a band over the fruiting zone at planting time. Cover the band with 1-2 inches of soil.

Note: Livestock should be fed peanut hulls 2-3 weeks before planting. Stage 7 days following treatment and do not feed peanut hay 2-3 weeks following treatment.

SORGHUM

Cutworms: Broadcast 14 lbs. per acre at planting and work into soil 2 inches to control cutworms, wireworms, and more than one generation of European cutworms.

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

Note: Do not feed sorghum to the seed corn when a rootworm is present in the germination row.

treatment will reduce damage and loss of germinating seedlings due to sugar-beet root maggot.

Note: Diazinon G-14 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 over corn at planting. Work into soil 4-6 inches.

SUGARCANE

Sugarcane Borers: Broadcast 14-17 lbs. per acre after plants have begun to form and when plants are 10-15 feet high. This treatment will control cutworms, but will not control European corn borer. Additional applications may be necessary to control continuing infestations.

Note: Do not make more than two applications per growing season. Allow 28 days between applications and harvest. At that time bagasse 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 4-7 lbs. per acre before transplanting. Work into soil 2-3 inches.

Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or furrows 2 days prior to sowing of seed or transplanting and work into soil 2-3 inches.

Seed Corn Maggots: Broadcast 14 lbs. per acre 2-3 weeks before transplanting. Work into soil 2 inches.

Wireworms: Broadcast 42 lbs. per acre 2-3 weeks before transplanting. Work into soil 4-6 inches.

Forage Crops - Alfalfa, Clover, Cowpeas, and Lespedeza

Cutworms: Broadcast 14-28 lbs. per acre at planting. Work into soil 2-3 inches. In the south, wireworms, cutworms, and subterranean cutworms.

VEGETABLE CROP INSECTS

Broccoli, Brussels Sprouts, Cabbage, and Cauliflower
Root Maggots: Broadcast 14-28 lbs. per acre over the planting or transplanting. Work into soil 2-3 inches.

ONIONS

Onion Maggots: Apply 14-28 lbs. per acre at planting. Broadcast basal treatment just prior to planting. In areas where the chemical is not registered for use, broadcast treatments may be made at intervals.

RADISHES

Root Maggots: Broadcast 14-28 lbs. per acre over radishes at planting. Work into soil 2-3 inches.

SWEET CORN

See Corn section for European corn borer.

TOMATOES

Vinegar Flies - Drosophila spp.: Apply 14-28 lbs. per acre at planting. Work into soil 2-3 inches.

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

Broadcast 7-14 lbs. per acre just prior to planting. Work into soil 4-6 inches. This pre-plant treatment will control cutworms, wireworms, and subterranean cutworms. It also controls maggot infestations.

Mole Crickets

Beets	Lettuce
Brussels Sprouts	Mustard
Cabbage	Peppers
Cauliflower	Radishes
Chard	Tomatoes
Endive - escarole	Turnips
Kale	

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 12-18 inch tall.

Wireworms

Beets	Onions
Brussels Sprouts	Parsley
Cabbage	Peas
Cauliflowers	Peppers
Carrots	Pole Beans
Cauliflower	Snap Beans
Celery	Spinach
Cucumbers	Summer Squash
Cucumbers	Sweet Potatoes
Endive - escarole	Swiss Chard
Kale	Tomatoes
Lettuce	Watermelons
Lima Beans	Winter Squash
Mushrooms	

Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-6 inches.

POTATOES: Broadcast 21-42 lbs. per acre before planting. Work into soil 4-6 inches. Or apply 14-21 lbs. per acre at planting, planting Diazinon G-14 on both sides of row, preparing both sides of row.

SWEET POTATOES - Southeastern U.S.: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches.

SMALL FRUIT INSECTS

STRAWBERRIES

Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or furrows 2 days prior to transplanting and work into soil 2-3 inches.

LAWN INSECTS

Lawn Chinch Bugs: Apply 14-28 lbs. per acre over lawn areas where chinch bugs are present. Work into soil 2-3 inches. This material should be uniformly applied to the area to be treated at the recommended rate per acre.