

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

Ready to Use

SUPER K-GRO

DIAZINON GRANULES

ACCEPTED
MAR 21 1980
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 49585-3

KILLS: ANTS, FIRE ANTS*

Mole Crickets, Fleas, Brown Dog Ticks, Earwigs, Millipedes, Crickets, White Grubs, Root Maggots, Cutworms, Armyworms, Wireworms, and others.

*Aids in control.

Fire Ants

Ants

Armyworms

Fleas

Grubs

Cutworms

ACTIVE INGREDIENT:

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] 2.0%

INERT INGREDIENTS: 98.0%

TOTAL: 100.0%

Keep out of reach of children

CAUTION

See back panel for additional precautionary statements.

NET WT. 1 LB.

2-6-90

1/ Complies with Diazinon Registration Standard, as amended, and EPA-Ciba-Geigy labeling agreement.

IMPORTANT: TO AVOID DAMAGE OR POOR RESULTS, CAREFULLY READ ALL DIRECTIONS AND PRECAUTIONARY STATEMENTS.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

1/ Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with eyes, skin or clothing. Wash thoroughly after handling and before eating or smoking. May cause contact sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

STATEMENT OF PRACTICAL TREATMENT

2/ IF SWALLOWED: Call physician or Poison Control Center immediately. Drink 1 or 2 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 soap and water. Rinse thoroughly.

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. Emergency information - Call 1-800/858-7378..

ENVIRONMENTAL HAZARDS

1/ This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping granules. Where

2-6-90

- 1/ Complies with Diazinon Registration Standard, as amended, and EPA-Ciba-Geigy labeling agreement.
- 2/ Consistent with Ciba-Geigy label (EPA Reg. No. 100-468).

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Irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 0.25 inches of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries.

1/ Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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 washwaters.

SUPER K-GRO Diazinon Granules is designed for the outdoor control of ants (including Fire Ants*) and other crawling insects. This product is effective as a preplant treatment for control of Cutworms and Wireworms in vegetable gardens. It also controls a wide range of insects in garden plantings and around the home. SUPER K-GRO Diazinon Granules offers excellent protection against major lawn insects such as White Grubs, Armyworms, and Sod Webworms on both grass and Dichondra lawns. See directions for use and specific recommendations.

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

LAWN PROTECTION: SUPER K-GRO Diazinon Granules controls the following lawn pests in both grass and dichondra lawns:

2/	Ants	Cutworms	Millipedes
	Armyworms	Digger wasps	Sowbugs
	Bermudagrass mites	Earwigs	Springtails
	Billbugs	Fire ants*	(Collembola)
	Brown dog ticks	Fleas	White Grubs of
	Chiggers	Lawn moths	Japanese beetle
	Chinch bugs	(sod webworms)	European chafer
	Clover mites	Leafhoppers	Southern chafer
	Crickets		

*Spot Treatment Aids in control.

1/ 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 treated areas. 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

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2/ Consistent with Ciba-Geigy label (EPA Reg. No. 100-468).



application; however, stop watering before puddling occurs.

HOW TO APPLY: For most insects, sprinkle contents of this canister over a 200 sq. ft. area (10' x 20').

2/ CHINCHBUGS, EARWIGS, ANTS, LAWN MOTHS (SOD WEBWORMS), BERMUDAGRASS MITES, CRICKETS, ARMYWORMS, BROWN DOG TICKS, CHIGGERS, CLOVER MITES, CUTWORMS, FLEAS, LEAFHOPPERS, SOWBUGS, MILLIPEDES, SPRINGTAILS (COLLEMBOLA). Application should be made when grass is dry. Water lawn lightly after application. Repeat application in 7-10 days if necessary.

2/ BILLBUGS; WHITE GRUBS OF JAPANESE BEETLE, EUROPEAN CHAFER, SOUTHERN CHAFER, ATAENIUS SPRETULUS (DUNG BEETLE): For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Water grass thoroughly after application. Repeat application as necessary.

For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or early Summer when damage is first noticed. Water grass thoroughly with 1/4-1/2 inches of water after application. Treat again in late Summer or early Fall if a second generation occurs.

2/ HYPERODES WEEVILS: Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

SPOT TREATMENT

ANTS: Apply 1 tablespoon over and around each individual ant hill.

DIGGER WASPS: Apply 1 tablespoon in and around each ground nest opening. Apply at dusk when wasps are not active.

FIRE ANTS: To aid in the control of Fire Ants in lawns and other recreational areas, apply 1-1/4 cups in a 2 ft. diameter around and over each Fire Ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Reapply SUPER K-GRO Diazinon Granules as necessary. Apply water gently to avoid disturbing ants. Use of high-pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness.

NOTE: For best results, apply in cool weather 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

BAND TREATMENT AROUND HOUSE FOUNDATION: The following pests are commonly found around or near foundations of houses as well as in lawns. Certain of these pests may enter houses.

- | | | | |
|-----------------|----------|--------------------|--------------|
| Ants | Crickets | Millipedes | Springtails |
| Brown Dog Ticks | Earwigs | Sowbugs (Billbugs) | (Collembola) |
| Clover Mites | Fleas | | |

HOW TO APPLY: Apply a 5 foot band of SUPER K-GRO Diazinon Granules next to the house foundation. Distribute the granules uniformly, using a rate of 1/2 canister (8 oz.) for each 100 sq. ft. area (5' x 20') treated.

WHEN TO APPLY: Apply when insects are present, especially in late spring or early fall. Repeat as necessary.

2/ **GARDEN INSECT CONTROL:** SUPER K-GRO Diazinon Granules controls certain garden insects on crops listed below. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations.

2/ Unless directions state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

<u>Insect</u>	<u>Depth of Mixing or Incorporation into Soil</u>
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 type of cutworm cannot be identified, mix into soil 4-6 inches deep.

<u>CUTWORMS (Surface and Subterranean)</u>		
Beets P. (Table)	Cucumbers	*Pole Beans
Broccoli	Endive (Escarole)	***Potatoes
Brussels Sprouts	Honeydew Melons	*Snap Beans
Cabbage	Kale	Spinach
Cantaloupes	Lettuce	Summer Squash
Carrots	*Lima Beans	Sweet Corn
Casaba Melons	Muskmelons	Swiss Chard
Cauliflower	Parsley	Tomatoes
Celery	**Peas	Watermelons
Collards	Peppers	Winter Squash
Crenshaw Melons	Persian Melons	

2/ *NOTE: Do not use on dried bean varieties, such as pintos, dried limas, navy beans, etc..

2/ **NOTE: Do not use on dried pea varieties such as dried blackeyed peas.

2/ ***NOTE: Do not use on commercially-grown potatoes which will be hand-harvested.

Apply 7 to 14 oz. per 200 sq. ft. and mix into soil to a depth of 2-3 inches for surface Cutworms and 3-6 inches for subterranean Cutworms. For potatoes, mix into soil 4-6 inches deep.

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2/ **MOLE CRICKETS**
Beets, Red (Table)
Broccoli
Brussels Sprouts
Cabbage
Carrots

Cauliflower
Collards
Endive (Escarole)
Kale
Lettuce

Mustard
Peppers
Radishes
Tomatoes
Turnips

2/ Apply 3 1/2 oz. per 200 sq. ft. and mix into soil to a depth of 1-2 inches, one to two days before planting.

2/ **WIREWORMS**
Beets, Red (Table)
Broccoli
Brussels Sprouts
Cabbage
Cantaloupes
Carrots
Casaba Melons
Cauliflower
Celery
Collards
Crenshaw Melons
Cucumbers

Endive (Escarole)
Kale
Honeydew Melons
Lettuce
*Lima Beans
Muskmelons
Onions (green, bulb)
Parsley
**Peas
Peppers
Persian Melons
*Pole Beans

***Potatoes
*Snap Beans
Spinach
Summer Squash
Sweet Corn
Sweet Potatoes
Swiss Chard
Tomatoes
Turnips
Watermelons
Winter Squash

2/ *NOTE: Do not use on dried bean varieties, such as pintos, dried limas, navy beans, etc..

2/ **NOTE: Do no use on dried pea varieties such as dried blackeyed peas.

2/ ***NOTE: Do not use on commercially-grown potatoes which will be hand-harvested.

2/ Apply 10 1/2 to 14 oz. per 200 sq. ft. and mix into soil to depth of 4-8 inches.

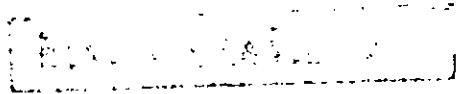
2/ **BEANS (Pole, Snap or Lima) (Succulent only)**

Lesser Cornstalk Borers: Apply 3 1/2 to 7 ozs. per 200 sq. ft. Apply in a 6-inch band centered over the row when plants are 1/2 to 1 inch tall.

2/ **BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER**
Root Maggots: Apply to 7 to 10 1/2 ozs. per 200 sq. ft. over the entire area just before planting or transplanting and mix into soil to a depth of 3 to 4 inches.

2/ **ONIONS**
Onion Maggots: Apply 7 to 14 ozs. per 200 sq. ft. ...Broadcast just before planting and mix into the top 3 to 4 inches of soil by disking, harrowing, or other suitable means.

NOTE: Diazinon may not control organophosphate-resistant onion maggots.



2/ **SWEET CORN**

Seed Corn Maggots:

Apply 7 to 14 ozs. per 200 sq. ft. Broadcast just before planting. Mix into soil 2 inches.

European Corn Borers: Apply 3 1/2 to 7 ozs. per 200 sq. ft. over corn so granules fall into whorls when 75% of the plants show first-generation borers feeding, and again 7 days later, if needed. Treat for second-generation when there is an average of 1 egg mass per plant. Do not make more than 3 applications per season.*

Fall Armyworms: Apply 3 1/2 to 7 ozs. per 200 sq. ft. over corn so granules fall into whorls when larvae first appear, and again 7 days later, if needed. Do not make more than 3 applications per season.*

Southwestern Corn Borers: Apply 3 1/2 to 7 ozs. per 200 sq. ft. over corn so granules fall into whorls when second-generation larvae first appear. If necessary, application may be repeated at 7-day intervals. Do not make more than 3 applications per season.*

*Note: Corn may be picked immediately following last application. Do not feed fodder to livestock for ten days following last application.

2/ **SWEET POTATOES**

Wireworms, Flea Beetles: Apply 10 1/2 ozs. per 200 sq. ft. Broadcast and mix into soil to a depth of 4 to 8 inches just before planting.

Southeastern U.S. - Broadcast 10 1/2 ozs. per 200 sq. ft. over the tops of vines when roots begin to enlarge and do not mix into soil.

STORAGE & DISPOSAL

2/ **STORAGE:** Store in original container, in a cool, dry, well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food, or feed.

1/ **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Wrap in several layers of newspaper and discard container in trash.

For spills, leaks, etc. follow all precautions indicated on this label. Clean up immediately and dispose of in accordance with PESTICIDE DISPOSAL DIRECTIONS.

1/ Complies with Diazinon Registration Standard, as amended, and EPA-Ciba-Geigy labeling agreement.

2/ Consistent with Ciba-Geigy label (EPA Reg. No. 100-528).

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Manufactured in the U.S.A. for Kmart Corporation, Troy, Michigan 48084

Registered and Manufactured by Alljack & Company, Plymouth, Michigan 48170

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EPA Reg. No. 49585-3

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