

OPITHO Diazinon Soil &

Turf Insect Control

COPY A

10 oz.

COPY B

4 oz.

COPY C

6 oz.

COPY D

NOTE: One level measuring cup (8 fl.oz.) holds 4 oz. of granules.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 18 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the purpose of registration under EPA Reg. No.

239-2479

CONFIDENTIAL

PROPERTY OF

CHEVRON CHEMICAL COMPANY

UNTIL ACCEPTED BY EPA

ORITHO DAZINON SOIL & TURF INSECT CONTROL

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contamination of food and feed. Avoid inhalation of dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling and before smoking or eating. May be absorbed through skin. Keep children and pets off treated areas until this material is washed into the soil and grass is dry. **STATEMENT OF PRACTICAL TREATMENT:** If swallowed, give a large amount of water to drink, induce person vomit, and call a doctor. If inhaled, remove victim to fresh air. Apply respiration if indicated. If on skin, wash contaminated skin with soap and water. If in eyes, flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. **Note to Physicians:** In emergency information, call (415) 233-3377. **ENVIRONMENTAL HAZARDS:** This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PRECAUTIONARY STATEMENTS

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

DIRECTIONS

Overall Lawn Application

ORITHO Dazinon Soil & Turf Insect Control controls the following lawn insects on both grass and dichondra lawns:

Ants: Armyworms - Bermuda Mites - Brown Dog Ticks - Chiggers - Chinch Bugs - Clover Mites - Crickets - Cutworms - Earwigs - European Crane Fly (Larvae) - Fleas - Lawn Moths (Sod Webworms) - Leafhoppers - Mole Crickets - Millipedes - Sowbugs - Springtails (Collembola)

Apply ORITHO Dazinon Soil & Turf Insect Control with a fertilizer spreader. See spreader setting chart on side of bag. Apply when grass is dry. Water lawn lightly after application. Repeat as necessary. For mole crickets, apply in May or June when pests are small. **Water lawn thoroughly after treatment.**

For application with other types of equipment, apply at the rate of 2 lbs. per 1000 sq. ft. in area 20' by 50' or 3.2 oz. per 100 sq. ft. in area 10' by 10'. For heavy lawns such as St. Augustine grass lawns, the rate should be increased to 3 lbs. per 1000 sq. ft. or 4.8 oz. per 100 sq. ft.

Billbugs: White Grubs of Japanese Beetle, European Choler, and Southern Choler.

Apply 2.5 lbs. per 1000 sq. ft. of lawn. Water grass thoroughly after application. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, apply any time between late July and early October.

European Crane Fly (Larvae):

Apply 2.5 lbs. per 1000 sq. ft. of lawn. Water lawn thoroughly after application. For timing of application in your area, consult the State Agricultural Extension Service.

Hyperodes Weevils (New York only):

Apply 2 lbs. per 1000 sq. ft. of grass. Water grass thoroughly after application. Treat premium areas in mid April and again in mid-May.

Spot Treatment

Ants: Apply 1 1/2 teaspoons of ORITHO Dazinon Soil & Turf Insect Control over and around each ant hill.

Digger Wasps: Apply 1 1/2 teaspoons of ORITHO Dazinon Soil & Turf Insect Control in and around each nest opening. Apply at dusk when wasps are not active.

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
Brown Dog Ticks
Clover Mites
Crickets
Earwigs
Fleas
Millipedes
Sowbugs (Pillbugs)
Springtails (Collembola)

Apply a 5' foot band of ORITHO Dazinon Soil & Turf Insect Control next to the house foundation. Distribute granules uniformly using a rate of 3.2 oz. for each 100 sq. ft. of area 15' by 20'. Repeat as necessary.

Garden Insect Control

ORITHO Dazinon Soil & Turf Insect Control controls certain garden insects on crops listed below. Apply just prior to planting and immediately mix thoroughly into soil to the specified depth, except where applied in seed furrow.

Cutworms (surface and subterranean):
Broccoli: Cabbages, Lettuce
Catnips: Cucumbers, Lima Beans
Cauliflower: Endive, Muskmelons
Celery: Kale, Parsley, Peas

Peppers: Spinach, Tomatoes
Patatoes: Summer Squash, Watermelons
Snap Beans: Swiss Chard, Winter Squash

Apply 1/2 lb. or per 400 sq. ft. Mix into soil to a depth of 2 inches for surface cutworms and 3-6 inches for subterranean cutworms. Mix into soil to a depth of 4 inches deep.

Mole Crickets: Endive, Peppers
Cauliflower: Escarole, Potatoes
Catnips: Kale, Strawberries
Celery: Lettuce, Tomatoes
Mustard: Turnips

Apply 4 oz. per 500 sq. ft. and mix into soil to a depth of 12 inches.

Wireworms: Broccoli, Endive, Peppers
Cabbage: Escarole, Snap Beans
Catnips: Kale, Spinach
Cauliflower: Lettuce, Summer Squash
Celery: Lima Beans, Sweet Potatoes
Mustard: Swiss Chard
Cucumbers: Onions, Tomatoes
Peas: Parsley, Watermelons, Winter Squash

Apply 2 1/2 lb. or per 500 sq. ft. and mix into soil to a depth of 4-8 inches.

Broccoli, Cabbage, Cauliflower: Apply 1 lb. per 500 sq. ft. over entire garden before planting or transplanting and mix into soil to a depth of 3-4 inches.

Root Maggots: Apply 1 lb. per 500 sq. ft. over entire garden before planting or transplanting and mix into soil to a depth of 3-4 inches.

Carrots: Carrot Rust Flies. Apply 7 oz. per 500 sq. ft. in seed furrow at planting time.

Onions: Onion Maggots. Apply 4 oz. per 500 sq. ft. in seed furrow at planting time.

Radishes: Root Maggots. Sprinkle lightly at the rate of 1/2 lb. per 500 linear feet of row in seed furrow at planting time.

Sweet Corn: Corn Rootworms. Apply 1 lb. per 500 sq. ft. in a band over the row at planting time.

Cutworms: Apply 1 lb. per 500 sq. ft. Mix into soil to a depth of 1-2 inches for surface cutworms and 3-6 inches for subterranean cutworms.

European Corn Borers: Apply 1 lb. per 500 sq. ft. over corn so granules fall into whorls when 75% of the plants show first generation larvae feeding, and again 7 days later, if needed. Treat for second generation when there is an average of 1 egg mass per plant.

Fall Armyworms: Apply 1 lb. per 500 sq. ft. over corn so granules fall into whorls when larvae first appear and again for control of second generation armyworms, if necessary.

Southwestern Corn Borers: Apply 1 lb. per 500 sq. ft. over corn so granules fall into whorls when second generation larvae first appear. Repeat application one week later.

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

Wireworms: Apply 1 lb. per 500 sq. ft. in a broadcast application. Mix into soil to a depth of 4-8 inches.

Sweet Potatoes (North Carolina only): Wireworms. Apply 1 lb. per 500 sq. ft. over the top of sweet potato plant foliage when roots begin to enlarge.

Tomatoes

Vinegar Flies (*Drosophila* spp.): Apply 4 oz. per 500 sq. ft. in seed furrow at planting time. Repeat at 7-10 day intervals, or as required. Tomatoes may be picked the same day.

Turnips

Root Maggots: Apply 4 oz. per 500 sq. ft. in seed furrow at planting time.

NOTE

The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to measured area. Then adjust spreader setting if necessary in order to assure correct rate of application.

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

Spreader Make and Model	Insects listed below* Grass or St. Augustine Lawn	2 lbs.	3 lbs.	4 lbs.
Central Impeller Model No. 1667 G		6 1/2	7 1/2	7
Central Suburban Lawn Spreader Model No. 1622 D		6 1/2	7 1/2	7
Cyclo-Mixer Model B1 Rotary		4 1/2	5	4 1/2
Greene Model 105		6 1/2	7 1/2	6 1/2
ORITHO Broadcast Spreader (Model 4000)		4 1/2	7	6
ORITHO Drop Spreader (Model 3000)		4 1/2	5 1/2	5
J. C. Penney Model 6005		7 1/2	8	7 1/2
J. C. Penney Rotary Spreader		5	7	6
Scott Model 35		4	5	4 1/2
Sears Craftsman Model 61110-5		6	7	6 1/2

*Ants
Armyworms
Bermudagrass Mites
Brown Dog Ticks
Chiggers
Chinch Bugs
Clover Mites
Crickets
Cutworms
Earwigs

Fleas
Hyperodes Weevil (New York only)
Lawn Moths (Sod Webworms)
Leafhoppers
Mole Crickets
Millipedes
Sowbugs
Springtails (Collembola)

Active Ingredient
* O,O-diethyl O (2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
Inert Ingredients
* Dazinon

STORAGE AND DISPOSAL

Do not store near food or feed products. Do not reuse empty container. Wrap container and put in trash collection.

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

Chevron Chemical Company

Oritho Consumer Products Division
San Francisco CA 94120-7144 Richmond CA 94804-0036
Form 9663 G Product 5403 Made in U.S.A.
EPA Reg. No. 239-2479 AA

EPA Est. 239 CA 1 239 NJ 1 239 MO 1
Superscript used is first letter of lot number



239-2479

ORTHO Diazinon Soil & Turf Insect Control

TO OPEN
CUT SPOUT HERE



ORTHO Diazinon Soil & Turf Insect Control

CAUTION: Contains a powerful insecticide. Read directions carefully. Do not use on lawns, gardens, or other areas where children or pets may be present. Keep out of reach of children. Do not use on lawns, gardens, or other areas where children or pets may be present. Keep out of reach of children.

Directions: For use on lawns, gardens, and other areas where children or pets may be present. Keep out of reach of children. Do not use on lawns, gardens, or other areas where children or pets may be present. Keep out of reach of children.

STORAGE AND DISPOSAL: Store in original container. Do not use if container is damaged. Dispose of unused material properly.

Chemical Company
P.O. Box 1000
New York, N.Y. 10000



BEST DOCUMENT AVAILABLE

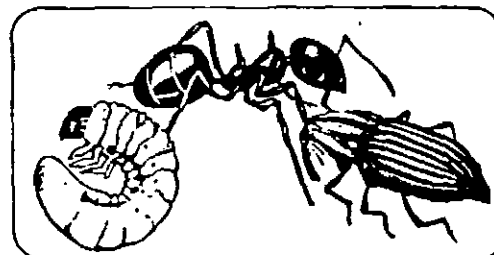
**ORTHO Diazinon
Soil & Turf Insect Control**
Covers up to 5,000 Sq. Ft.



ORTHO

Diazinon Soil & Turf Insect Control

- Ready-to-use granules for use on:
- Lawns to Kill Billbugs, Chinch Bugs, Sod Webworms and White Grubs, as listed.
 - Vegetable Gardens to Kill Cutworms, Wireworms, Rootworms, Root Maggots on listed crops.
 - Nuisance Pests Outside the Home to Kill Ants, Fleas, Brown Dog Ticks, Crickets, Clover Mites and other listed pests.
- Covers up to 5,000 Sq. Ft.



Keep out of reach of children

CAUTION

See additional precautions on back of bag.

NET WT. 10 LBS.

**ORTHO Diazinon
Soil & Turf Insect Control**

**ORTHO Diazinon
Soil & Turf Insect Control**
Covers up to 5,000 Sq. Ft.

Mr. William Chase, Jr.
Chevron Chemical Company
Ortho Consumer Products Division
940 Hensley Street
Richmond, CA 94804-0036

Dear Mr. Chase:

Subject: Amendment - Delete Ranges and Give Volume Equivalent
Ortho Diazinon Soil and Turf Insect Control
EPA Registration No. 239-2479
Your Application Dated January 28 and February 11, 1983

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you make the labeling change indicated below before you release the product for shipment bearing the amended labeling:

Since you call for use of "one level measuring cup" add the following to the Hazards to Humans & Domestic Animals Section "Kitchen utensils such as measuring cups should not be used for food purposes after use in measuring pesticides."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD:LARocca:DCR-39923:WANG-2584C:hk:Raven:479-2013:2/16/83

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							