

Ms. Katherine Buteau  
Chevron Chemical Company  
Ortho Consumer Products Division  
940 Hensley Street  
Richmond, CA 94804-0036

MAY 25 1990

Subject: Amendments - Revise per Diazinon Registration Standard,  
Revise lawn application rates and repeat times  
EPA Reg. No. 239-2479  
Your submission dated March 28, 1990 and  
your FAX dated May 24, 1990

Dear Ms. Buteau:

The amendments referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, are acceptable provided the following revisions are made when preparing the finished labeling prior to release for shipment under the amended label:

- 1) All the revisions and deletions which you have indicated on the initial amendment submission, together with all the modifications/additions to those revisions appearing on your FAX of May 24, 1990 (including revised "Copy M", the spreader rate table, and other modifications to the directions reflecting the maximum application rate of 2 pounds of product per 1000 sq. ft. of lawn) must be incorporated in the finished label.

A stamped copy of the label is enclosed for your records. Please submit five copies of the revised amended label prior to release for shipment under the amended label. Please refer to the Diazinon Registration Standard, as amended, for release for shipment and channels of trade dates for diazinon products bearing appropriately amended labels.

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (M7504C)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 25 1990

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No.

239-2479

ORTHO Diazinon Soil &  
Turf Insect Control  
EPA Reg. No. 239-2479

COPY A

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with eyes, skin or clothing. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, contact a physician. Do not store near food or feed products. Food utensils such as tablespoons 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 onto the treated area until granules have been watered in and the grass dried.

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician immediately. Drink one or two 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 Physicians: Emergency Information - call 1-800-457-2022. This 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.

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CHEVRON CHEMICAL COMPANY  
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ORTHO Diazinon Soil & Turf Insect Control  
EPA Reg. No. 239-2479

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#### ENVIRONMENTAL HAZARDS

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

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Runoff maybe hazardous to aquatic organisms in neighboring areas.

Shrimp and crab maybe 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.

COPY B

2

COPY C

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For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours.

COPY D To be added in alphabetical order

Brussels Sprouts, Carrots, Casabas, Crenshaws, Honeydews, Porcian Melons, Pole Beans, Red Beets, Sweet Corn

**BEST AVAILABLE COPY**

ORTHO Diazinon Soil & Turf Insect Control  
EPA Reg. No. 239-2479

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COPY E

\* NOTE: Fresh only. DO NOT use on dried bean or pea varieties.

COPY F To be added in alphabetical order

Brussels Sprouts, Carrots, Red Beets

COPY G

3½

COPY H To be added in alphabetical order

Brussels Sprouts, Casabas, Crenshaws, Honeydews, Persian Melons,  
Potatoes, Pole Beans, Red Beets, Sweet Corn, Turnips

COPY I

10½

BEST AVAILABLE COPY

COPY J

\* NOTE: Fresh only. DO NOT use on dried bean or pea varieties.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower

COPY K

Apply 7 oz. per 500 sq. ft. and mix into soil to a depth of 3-4 inches.

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UNTIL ACCEPTED BY EPA

577 (2)

ORTHO Diazinon Soil & Turf Insect Control  
EPA Reg. No. 239-2479

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 25 1990

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No.  
239-2479

COPY L

DO NOT mix into soil.

COPY M

#### SPREADER SETTING NUMBER

Spreader: Make  
and Model

APPLICATION RATE OF PRODUCT  
2 lbs. per 1000 sq. ft.

|                                          |    |
|------------------------------------------|----|
| Central Imperial Mark No. 1662-G         | 6% |
| Central Suburbia Lawn Spreader-No.1622-0 | 6% |
| Cyclone Model B1 Rotary                  | 4% |
| Greenfield Model 105                     | 6% |
| ORTHO Drop Spreader (Model 3000)         | 6  |
| ORTHO Drop Spreader (Model 4000)         | 5  |
| J.C. Penney Model 6005                   | 7% |
| J.C. Penney Rotary Spreader              | 5  |
| Scott Precision Flow Spreader Model PF-4 | 4  |
| Sears Craftsman Model 671.19198          | 6  |

ORTHO Diazinon Soil & Turf Insect Control  
EPA Reg. No. 235-2479

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**COPY N**

For heavier lawns such as St. Augustine or for the harder to control insects such as Billbugs, Chinch Bugs, European Crane Fly, Mole Crickets, and White Grubs repeat application in 10 - 14 days or as necessary.

**COPY O**

Apply 2 lbs. per 1000 sq. ft. of lawn. Water lawn thoroughly after application. Repeat application in 10 - 14 days or as necessary. For timing of application in your area, consult the State Agricultural Extension Service.

**COPY P**

Apply 2 lbs. per 1000 sq. ft. of lawn between mid-April or early May or during August when activity is first observed or when brown grass indicates damage from this pest. Water lawn thoroughly after application. Repeat application in 10 - 14 days or as necessary.

**COPY Q**

application in 10 - 14 days or

TO OPEN  
CUT SPOUT HERE

[illegible][illegible]

### STORAGE AND REFILL

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**George Thompson Company - Inc.**  
 9-147 17 Avenue, Madison Heights  
 MI 48071-1701 Tel: 313-247-1000  
 Fax: 313-247-1001 Telex: 250000  
 1978-1979 1000 1000 1000



**Diazinon**  
**Ortho Soil & Turf Insect Control**  
Covers up to 5,000 Sq. Ft.  
**02591**



# OS Insurance

This product  
poll course  
ready-to-use  
transplanting  
Gills: Wworn  
And Other L  
Contains Dis  
ready-to-use  
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NE

## ORTT Soil &



# ORTHO Diazinon Soil & Turf Insect Control

## HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Avoid contact with skin. Avoid contact with eyes, nose and clothing. Avoid contact with dust. Avoid contact with food. Wash thoroughly after handling. Keep children and pets off treated area until completely dry. Kitchen utensils such as measuring cups should not be used for food preparation after use in measuring pesticides.

**STATEMENT OF PRACTICAL TREATMENT**  
If swallowed, DO NOT make person vomit unless directed to do so by a doctor. Immediately take person and commiserate to a doctor or an emergency hospital. If this is not possible, telephone for medical advice. In case of eye contact, immediately flush eyes with fresh water for 15 minutes. If irritation persists, see a doctor. If on skin, wash thoroughly with soap and water. Note to Physicians: Emergency Information: call (424) 233-3732. Diazinon is an organophosphorus cholinesterase inhibitor. If signs and symptoms of cholinergic inhibition develop, atropine sulfate is antidote. 2-PAM may also be given in conjunction with atropine, but should not be used alone.

**ENVIRONMENTAL HAZARDS**  
This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### 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:

ORTHO Diazinon Soil & Turf Insect Control controls the following lawn insects on both grass and deciduous lawns:

- Ants - Armyworms - Brownish Mites - Brown Bag Bugs - Chiggers - Chinch Bugs - Clover Mites - Grubs - Cutworms - Earwigs - European Crane Fly (Larvae) - Fleas - Lawn Mites (Soil Webworms) - Leafhoppers - May Beetle Grubs - Moth Caterpillars - Millipedes - Sawflies - Springtails (Collembola).

Apply ORTHO Diazinon Soil & Turf Insect Control with a fertilizer spreader. See spreader setting chart. 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. (on area 20' by 50') or 3.2 oz. per 100 sq. ft. (on area 10' by 10'). For heavy lawns such as St. Augustinegrass 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 Choker, and Southern Choker. 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. If root 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.

**May Beetle Grubs:** Apply 3.2 lbs. per 1,000 sq. ft. of lawn between mid April to early May or during August when activity is first observed or when brown grass indicates damage from this pest. Water grass thoroughly after application. Repeat as necessary.

**Hypodermis Weevils (New York only):** Apply 2 lbs. per 1000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

**Spot Treatment:** Ants: Apply 1 1/2 teaspoons of ORTHO Diazinon Soil & Turf Insect Control over and around each ant hill.

**Reported Fire Ants:** To aid in the control of imported fire ants in lawns and other recreational areas, apply 1/2 cup in 10' ft. radius over and around each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Do not use more than 2 gallons of water. Apply water gently to avoid disturbing ants. Use of high pressure watering may disturb the ants.

**Garden Insect Control**  
ORTHO Diazinon 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.

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

- Cucumbers (surface and subterranean):** Broccoli, Cabbages, Cucumber, Lima Beans, Cantaloupes, Endive, Mushrooms, Cauliflower (Escarole), Parsley, Celery, Kale, Peas.
- Peppers:** Snap Beans, Summer Squash, Watermelons, Sweet Chard, Winter Squash.

Apply 10 oz. per 500 sq. ft. and mix into soil to a depth of 2-3 inches for surface cucumbers and 3-6 inches for subterranean cucumbers. For potatoes, mix into soil 4-6 inches deep.

- Male Crickets:** Broccoli, Endive, Peppers, Cabbages, (Escarole), Radishes, Cauliflower, Kale, Snowberries, Collards, Lettuce, Tomatoes, Mustard, Turnips.

Apply 4 oz. per 500 sq. ft. and mix into soil to a depth of 1-2 inches.

- Wireworms:** Broccoli, Endive, Peppers, Cabbages, (Escarole), Snap Beans, Cantaloupes, Kale, Spinach, Carrots, Lettuce, Summer Squash, Cauliflower, Lima Beans, Sweet Potatoes, Celery, Mushrooms, Sweet Chard, Collards, Onions, Tomatoes, Corn, Parsley, Watermelons, Cucumbers, Peas, Winter Squash.

Apply 10 oz. per 500 sq. ft. and mix into soil to a depth of 4-8 inches.

**Broccoli, Cabbages, Cauliflower:** Root Maggots. Apply 10 oz. per 500 sq. ft. over entire seedbed before planting or transplanting and mix into soil to a depth of 3-4 inches.

**Carrots:** Carrot Root Weevil. Apply 4 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 4 oz. per 500 linear feet of row in seed furrow at planting time.

**Sweet Corn:** Corn Rootworms. Apply 6 oz. per 500 sq. ft. in a

**Wireworms:** Apply 10 oz. per 500 sq. ft. in a broadcast application. Mix into soil to a depth of 4-6 inches.

**Sweet Potatoes (North Carolina only):** Wireworms. Apply 11 oz. per 500 sq. ft. over the top of sweet potato plant foliage when roots begin to emerge.

**Tomatoes:** (Drosophila spp.) Apply 5 oz. per 500 sq. ft. over top of plants when first appear. 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 broadcast application 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 SETTINGS (lb. per 1000 sq. ft.)       |                                                                 |                                                             |            |
|------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------|------------|
| Spreader Make and Model                        | Insects listed below*<br>Grass or St. Aug.<br>Dicentra low lawn | White Grubs,<br>Billbugs,<br>European Crane Fly<br>(Larvae) |            |
| Central Imperial Model No 1062 G               | 2 1/2 lbs.                                                      | 3 1/2 lbs.                                                  | 2 1/2 lbs. |
| Central Suburban Lawn Spreader Model No 1027 B | 6%                                                              | 7%                                                          | 7          |
| Cyclone Model B1 Rotary                        | 4%                                                              | 5                                                           | 4%         |
| Greenfield Model 100                           | 6%                                                              | 7%                                                          | 6%         |
| ORTHO Broadcast Spreader (Model 4000)          | 5                                                               | 7                                                           | 6          |
| ORTHO Drop Spreader (Model 3000)               | 6                                                               | 8                                                           | 7          |
| J. C. Penney Model 8000                        | 7%                                                              | 8                                                           | 7%         |
| J. C. Penney Rotary                            | 5                                                               | 7                                                           | 6          |

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 25 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

239-2479

ORTHO Diazinon Soil & Turf Insect Control

02991

MONEY BACK GUARANTEE

If you are not satisfied with the results after using this product, return this guarantee with your sales receipt to your Ortho Dealer or:

Chevron Chemical Co., Ortho Consumer Affairs Dept., P.O. Box 5047, San Ramon, CA 94583-0947



Use of treatment: Treat new infestations as they appear. For best results, apply in the early morning or late evening hours.

**Bigger Wasps:** Apply 1½ teaspoons of ORTHO Darron Seal & Turl 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            | Fleas               |
| Brown Dog Ticks | Millipedes          |
| Clover Mites    | Scavbugs (Pillbugs) |
| Crickets        | Springtails         |
| Earwigs         | (Collembola)        |

Apply a 5-foot band of ORTHO Darron Seal & Turl Insect Control next to the house foundation. Distribute granules uniformly using a rate of 32 oz. for each 100 sq ft of area (5 by 70 ft) treated. Repeat as necessary.

**Cutworms:** Apply 1 lb. or per 500 sq ft. 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. or 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 6 oz. 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 6 oz. 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 30 days following last application.

|            |   |   |   |
|------------|---|---|---|
| Net Weight | 4 | 5 | 6 |
| Net Weight | 4 | 5 | 6 |
| Net Weight | 4 | 5 | 6 |
| Net Weight | 4 | 5 | 6 |

|                    |                  |
|--------------------|------------------|
| Ants               | Fleas            |
| Armyworms          | Hyperodes Weevil |
| Bermudagrass Mites | (New York only)  |
| Brown Dog Ticks    | Lawn Mites       |
| Chiggers           | (Red Webworms)   |
| Church Bugs        | Leafhoppers      |
| Clover Mites       | Millipedes       |
| Crickets           | Scavbugs         |
| Cutworms           | Springtails      |
| Earwigs            | Waterbugs        |

By Wt. 5% 95%

Active Ingredient  
Diazinon 100-diethyl-0-2-isopropyl-  
6-methyl-4-pyrimidinylphosphorothioate

Inert Ingredients

## STORAGE AND DISPOSAL

**STORAGE:** Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of food and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

**DISPOSAL:** Partially filled bag may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. **CONTAINER:** Do not reuse bag. Discard bag in trash.

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

**Chevron Chemical Company © 1985**  
Ortho Consumer Products Division  
P.O. Box 5847 San Ramon CA 94583 0947  
R Form 10311 E Product 5403 Made in U.S.A.  
EPA Reg. No. 239 2479 AA  
EPA Est. 239 MO 1



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CHEVRON CHEMICAL CO.  
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# CAUTION

Keep out of reach of children. Do not allow to be swallowed or absorbed through the skin. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid inhalation of dust and fumes. Wash thoroughly after handling. Keep children and pets off treated area until completely dry. Kitchen utensils not be used for food purposes after use in measuring pesticides.

## STATEMENT OF PRACTICAL TREATMENT

If swallowed, DO NOT make person vomit unless directed to do so by a doctor. Immediately take person and container to a doctor if this is not possible, telephone for medical advice. In case of eye contact, immediately flush eyes with fresh water for 15 minutes. If on skin, wash thoroughly with soap and water. Note to Physicians: Emergency Information—call (415) 733-7371. Diazinon is an esterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal. 2-PAM may also be given but should not be used alone.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water. Do not contaminate or dispose of wastes.

## 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:

ORTHO Diazinon Soil & Turf Insect Control controls the following lawn insects on both grass and dichondra lawns.

Ants • Armyworms • Burmese Mites • Brown Dog Ticks • Chiggers • Chinich Bugs • Clover Mites • CHERETS • Cutworms • Earwigs • European Crane Fly (Larvae) • Fleas • Lawn Moths (Sod Webworms) • Leafhoppers • May Beetle Grubs • Mole Crickets • Millipedes • Sowbugs • Springtails (Collembola).

Apply ORTHO Diazinon Soil & Turf Insect Control with a fertilizer spreader. See spreader setting chart. 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. (an area 20' by 50') or 32 oz. per 100 sq. ft. (an 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. Reapplication 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.

**May Beetle Grubs:** Apply 3.2 lbs. per 1000 sq. ft. of lawn between mid-April to early May or during August when activity is first observed or when brown grass indicates damage from this pest. Water grass thoroughly after application. Repeat as necessary.

**Hyperodonta Weevils (New York only):** Apply 2 lbs. per 1000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

### Spot Treatment:

**Ants:** Apply 1½ teaspoons of ORTHO Diazinon Soil & Turf Insect Control over and around each ant hill.

### Garden Insect Control:

ORTHO Diazinon 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.

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

### Cutworms (surface and subterranean)

|             |               |               |
|-------------|---------------|---------------|
| Broccoli    | Collards      | Lettuce       |
| Cabbage     | Cucumbers     | Lima Beans*   |
| Cantaloupes | Endive        | Muskmelons    |
| Cauliflower | (Escarole)    | Parsley       |
| Celery      | Kale          | Peas*         |
| Peppers     | Spinach       | Tomatoes      |
| Potatoes    | Summer Squash | Watermelons   |
| Snap Beans* | Swiss Chard   | Winter Squash |

Apply 10 oz. per 500 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.

### Mole Crickets

|             |            |              |
|-------------|------------|--------------|
| Broccoli    | Endive     | Peppers      |
| Cabbage     | (Escarole) | Radishes     |
| Cauliflower | Kale       | Strawberries |
| Collards    | Lettuce    | Tomatoes     |
|             | Mustard    | Turnips      |

Apply 4 oz. per 500 sq. ft. and mix into soil to a depth of 1-2 inches.

### Wireworms

|             |             |                |
|-------------|-------------|----------------|
| Broccoli    | Endive      | Peppers        |
| Cabbage     | (Escarole)  | Snap Beans*    |
| Cantaloupes | Kale        | Spinach        |
| Carrots     | Lettuce     | Summer Squash  |
| Cauliflower | Lima Beans* | Sweet Potatoes |
| Celery      | Muskmelons  | Swiss Chard    |
| Collards    | Onions      | Tomatoes       |
| Corn        | Parsley     | Watermelons    |
| Cucumbers   | Peas*       | Winter Squash  |

Apply 10 oz. per 500 sq. ft. and mix into soil to a depth of 4-6 inches.

### Broccoli, Cabbage, Cauliflower

Root Maggots: Apply 10 oz. per 500 sq. ft. over entire seedbed before planting or transplanting and mix into soil to a depth of 3-4 inches.

### Carrots

Carrot Root Flies: Apply 2 oz. per 500 sq. ft. in seed bed at planting time.

~~Wireworms: Apply soil application.~~

Sweet Potatoes: Wireworms: Apply top of sweet potato to enlarge.

Tomatoes: Vinegar Flies (On 500 sq. ft. over top of tomato plant. Repeat at 7-10 days. Tomatoes may be damaged. Turnips: Root Maggots: Apply soil at planting.

NOTE: The spreader setting chart is approximate. Accurately set spreader and apply just spreader set assure correct rate.

| SPREADER SETTING        |                   |
|-------------------------|-------------------|
| Spreader Make and Model | Rate (Gals./Acre) |
|                         | 7                 |

|                                           |   |
|-------------------------------------------|---|
| Central Imperial Mark No. 1662 G          | 1 |
| Central Suburban Lawn Spreader—No. 1622-0 | 1 |

|                         |   |
|-------------------------|---|
| Cyclone Model B1 Rotary | 4 |
|-------------------------|---|

|                      |   |
|----------------------|---|
| Greenfield Model 105 | 6 |
|----------------------|---|

|                                  |  |
|----------------------------------|--|
| ORTHO Broadcast Spreader (Model) |  |
|----------------------------------|--|

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 239-2479.

MAY 25 1990

ACCEPTED with COMMENTS In EPA Letter Dated: