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51036-97

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JUL - 1 1991

Ms. Dawn Smith  
Micro Flo Company  
Route 1, Box 190  
Sparks, GA 31647

Subject: Amendment - Revise per Diazinon Registration Standard  
Diazinon 5G Homeowner  
EPA Reg. No. 51036-97  
Your submission received May 30 , 1990

Dear Ms. Smith:

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

- 1) The Agency's records show that the name of this product is "Diazinon 5G Homeowner" and that name must appear on the label, rather than "Diazinon 5G Homeowners", unless you submit an amendment to change the master name of record for this product.
- 2) The Diazinon Registration Standard stipulates that diazinon outdoor use products are classified as Restricted Use due to avian and aquatic toxicity unless they are registered for application by homeowners to the home yard and/or home garden or by commercial applicators only to home yards. You can clarify the intended use site for this product by addition of "For outdoor use on the home lawn and in the home garden" to the front panel. A good location for this addition would be just under "Treats up to 5000 square feet".
- 3) Based on Ciba-Geigy's toxicology data submitted in support of reregistration of their 5% diazinon granular products, and upon which you are relying for reregistration of the subject product, in the Statement of Practical Treatment add "Get medical attention." to the end of the "If on skin" advice.
- 4) The text of the Hazards to Humans and Domestic Animals should be revised as follows to reflect the toxicology data you are

relying upon to support reregistration of this product:

Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups should not be used for food purposes after use in measuring pesticides.

5) Revise the Environmental Hazards to read as follows:

This pesticide 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 of granules. For lawns, where 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), water lawn with at least 1/4 inch of water immediately after applying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 wash waters.

6) Under the heading "IN GARDENS DIAZINON KILLS", delete the pests "Armyworms", "Carrot rust flies", "Corn borers", "Rootworms" since the application methods required to control these pests, in-furrow or foliar broadcast, are not being supported for reregistration of granular diazinon products and directions for control of these pests will not appear on the revised label.

7) In the "Precautions" under the heading "Overall Lawn Application", revise the sixth sentence to read as follows:

Where thorough watering is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected to enter

the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after applying this product, however, stop watering before puddling occurs.

- 8) The spreader setting table should be relocated to appear at the end of the overall lawn application directions, i.e., just after the directions for control of *Hyperodes* weevil. The following revisions should be made to the spreader setting table when it is relocated:

- a) Revise the table heading to read as follows:

SPREADER SETTING NO.  
(To deliver 2 lbs. per 1000 sq. ft.)

- b) Revise the top of the right-hand column to read:

Spreader setting No.

- c) Delete the list of insect pests that currently appears beneath the spreader settings table. In its new location this table will be near the listing of lawn pests controlled by overall lawn application of the product. You will note that "Insects listed below\*" has been deleted from the top of the right-hand column (revision "b", above).

- 9) Revise the first sentence of the directions for aiding in control of fire ants to read as follows to clearly indicate the home-use nature of this product:

To aid in the control of fire ants in home lawns and other outdoor home recreational areas, apply 1/2 cups over, and 2 ft. around, each fire ant mound.

- 10) For the crop "Beans", delete the directions for control of "Lesser Cornstalk Borers". Ciba-Geigy is not supporting reregistration of granular diazinon applied post-emergence to food crops because of the hazards to birds from exposed granules.
- 11) For the crop "Brussels Sprouts", the rate for control of root maggots should read "7 to 10 1/2 ozs."
- 12) For the crop "Carrots", delete the directions for control of "Carrot Rust Flies". Ciba-Geigy is not supporting reregistration of in-furrow application of granular diazinon.

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13) Revise the variety listing for melons to read as follows:

MELONS (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, and Hybrids of these) and WATERMELONS

- 14) For the crop "Onions", delete "by disking, harrowing, or other suitable means". This instruction was a carryover from an agricultural product label and is not appropriate to a homeowner-use product.
- 15) For the crop "Potatoes", delete the "Note" about hand-harvested commercially-grown potatoes, since this is not appropriate to a product whose crop uses are limited to application to the home garden.
- 16) For the crop "Radishes", delete the directions for control of "Root Maggots". Ciba-Geigy is not supporting reregistration of in-furrow application of granular diazinon.
- 17) For the crop "Sweet Corn" delete the directions for use for control of "European Corn Borers", "Fall Armyworms", and "Southwestern Corn Borers". Ciba-Geigy is not supporting reregistration of granular diazinon applied post-emergence to food crops because of the hazards to birds from exposed granules.
- 18) For the crop "Sweet Potatoes", delete the special directions for post-emergence use in the Southeastern U. S.. Ciba-Geigy is not supporting reregistration of granular diazinon applied post-emergence to food crops because of the hazards to birds from exposed granules.

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. Labeling released for shipment after the August 31, 1991 deadline imposed by the Diazinon Registration Standard should be the revised amended label.

Sincerely yours,

George T. LaRocca  
Product Manager (13)  
Insecticide Rodenticide Branch  
Registration Division (H7505C)

**BEST AVAILABLE COPY**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**JUL - 1 1991**

**THIS PRODUCT MUST NOT BE USED ON  
GOLF COURSES AND SOD FARMS**

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

**MICRO FLO**

**DIAZINON 5 G HOMEOWNERS**

**Ready-to-use Granules. Contains 5% Diazinon Insecticide  
Lawn and Garden Insect Control  
TREATS UP TO 5000 SQUARE FEET**

**ACTIVE INGREDIENT:**

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	5.0%
INERT INGREDIENT: .....	95.0%
TOTAL .....	100.0%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**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 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.

See elsewhere on label for additional precautionary statements.

EPA Reg. No. 51036-97

EPA Est. No. 51036-GA-1

**Manufactured By  
MICRO FLO COMPANY  
P O BOX 5948**

*New*

6-217

LAKELAND, FLORIDA 33807

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**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans and Domestic Animals**

**CAUTION**

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.

**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, i.e., 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 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 wash waters

**DIRECTIONS FOR USE**

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

**IMPORTANT:** Read the entire DIRECTIONS FOR USE and the CONDITIONS OF SALE before using this product.

## STORAGE AND DISPOSAL

**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.

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

**CONTAINER DISPOSAL:** Do not reuse empty bag. Discard bag in trash.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In case of emergency, call 1-800-424-9300.

### IN LAWNS DIAZINON KILLS

Ants  
Armyworms  
Bermudagrass mites  
Billbugs  
Brown dog ticks  
Chiggers  
Chinch bugs  
Clover mites  
Crickets  
Cutworms  
Digger wasps  
Earwigs  
Fleas  
Fire ants\*  
Lawn moths  
Leafhoppers  
Millipedes  
Sod webworms  
Sowbugs  
Sprintails  
White grubs of:  
.. European chafer  
.. Japanese beetle  
.. Southern chafer

### IN GARDENS DIAZINON KILLS

Armyworms  
Carrot rust flies  
Corn borers  
Cutworms  
Mole crickets  
Onion maggots  
Root maggots  
Rootworms  
Wireworms

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**\*Aids in control**

**OVERALL LAWN APPLICATION**

Diazinon 5G controls the following lawn insects on both grass and dichondra lawns:

Ants . Armyworms . Bermudagrass mites . Brown dog ticks .  
Chiggers . Chinch bugs . Clover mites . Crickets . Cutworms .  
Earwigs . Fleas . Lawn moths (sod webworms) . Leafhoppers .  
Millipedes . Sowbugs . Springtails (Collembola)

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 application, however, stop watering before puddling occurs.

Apply Diazinon 5G with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry. Repeat as necessary

For application with other types of equipment, apply at the rate of 2 lbs. per 1000 sq. ft. (an area 20' by 50') or 3.2 oz. per 100 sq. ft. (an area 10' by 10').

**BILLBUGS, WHITE GRUBS OF JAPANESE BEETLE, EUROPEAN CHAFER, SOUTHERN CHAFER, ATAENIUS SPRETULUS (DUNG BEETLE):**

Apply 2 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, 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 to 1/2 in. of water after application. Treat again in late summer or early fall if a second generation occurs.

**HYPERODES WEEVILS:**

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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 Diazinon 5G over and around each ant hill.

**FIRE ANTS:** To aid in the control of fire ants in lawns and other recreational areas, apply 1/2 cup over, and 2 ft. 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. Reapply as necessary. Apply 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 to 80 degrees F, or in early morning or late evening hours. Treat new mounds as they appear.

**DIGGER WASPS:** Apply 1 1/2 teaspoons of Diazinon 5G 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    | Sowbugs (Pillbugs)       |
| Crickets        | Springtails (Collembola) |
| Earwigs         |                          |

Apply a 5 foot band of Diazinon 5G next to the house foundation. Distribute granules uniformly using a rate of 3.2 oz. for each 100 sq. ft. of area (5' by 20') treated. Repeat as necessary.

**VEGETABLES - INSECT CONTROL**

Diazinon 5G controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop.

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When a range of rates is given, use the higher rate only for heavier infestation.

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

Insect	Depth of Mixing or Incorporation into Soil
Surface cutworms*	2 to 3 inches
Subterranean cutworms*	3 to 6 inches
Mole crickets	1 to 2 inches
Root maggots	3 to 4 inches
Wireworms	4 to 8 inches

\*If type of cutworm cannot be identified, mix into soil 4 to 6 inches deep.

#### BEANS (Pole, Snap or Lima)(succulent only)

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Lesser Cornstalk Borers - 3 1/2 to 7 ozs. per 500 sq. ft. Apply in a 6 inch band centered over the row when plants are 1/2 to 1 inch tall.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

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

#### BEETS, RED (Table)

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting or transplanting.

#### BROCCOLI

Root Maggots - 7 to 10 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting or transplanting.

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### BRUSSELS SPROUTS

Root Maggots - 7 to 10 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting or transplanting.

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### CABBAGE

Root Maggots - 7 to 10 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting or transplanting.

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### ✓ CARROTS

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Carrot Rust Flies - 7 ozs. per 500 sq. ft. Apply in the seed furrow at planting time.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### CAULIFLOWER

Root Maggots - 7 to 10 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting or transplanting.

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

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**Wireworms - 10 1/2 to 14 ozs per 500 sq. ft. Broadcast and mix into soil just before planting.**

**CELERY**

**Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**COLLARDS**

**Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.**

**Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**CUCUMBER**

**Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**ENDIVE (Escarole)**

**Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.**

**Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**KALE**

**Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.**

**Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

**LETTUCE**

**Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.**

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Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

MELONS (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, and Hybrids of these and watermelons)

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

MUSTARD

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

ONIONS (Green and Bulb)

Onion Maggois - 7 to 14 ozs. per 500 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.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

PARSLEY

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

PEAS (succulent only)

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

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

PEPPERS

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

**Mole Crickets** - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

**Wireworms** - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### **POTATOES**

**Cutworms (Surface & Subterranean)** - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

**Wireworms** - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil before planting.

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

#### **RADISHES**

**Root Maggots** - 5 1/2 to 7 ozs. per 500 sq. ft. Apply in the seed furrow at planting (2 1/2 to 2 4/5 ozs. per 1,000 linear feet of row).

**Mole Crickets** - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

#### **SPINACH**

**Cutworms** - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

**Wireworms** - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### **SQUASH, SUMMER AND WINTER**

**Cutworms** - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

**Wireworms** - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### **SWEET CORN**

**Cutworms** - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

**Seed Corn Maggots** - 7 to 14 ozs. per 500 sq. ft. Broadcast just before planting. Mix into soil 2 inches.

**Wireworms** - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

**European Corn Borers** - 3 1/2 to 7 ozs. per 500 sq. ft. When 75% of the plants show first-generation borers feeding, apply over the corn so granules fall into whorls.

**Make a second application 7 days later if needed.\***

For second-generation borers, apply as above when there is an average of 1 egg mass per plant.

Do not make more than 3 applications per season.\*

Fall Armyworms - 3 1/2 to 7 ozs. per 500 sq. ft. Apply over corn so granules fall into whorls when larvae first appear. If necessary, application may be repeated twice at 7 day interval.

Do not make more than 3 applications per season.\*

Southwestern Corn Borers - 3 1/2 to 7 ozs. per 500 sq. ft. Apply 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 after last application. Do not feed fodder to livestock for 10 days following last application.

#### SWEET POTATOES

Wireworms, Flea Beetles - 10 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil before planting.

Southeastern U.S. - Broadcast 10 1/2 ozs. per 500 sq. ft. over the tops of vines when roots begin to enlarge and do not mix into soil.

#### SWISS CHARD

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### TOMATOES

Cutworms - 7 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

#### TURNIPS

Mole Crickets - 3 1/2 ozs. per 500 sq. ft. Broadcast and mix into soil 1 to 2 days before planting.

Wireworms - 10 1/2 to 14 ozs. per 500 sq. ft. Broadcast and mix into soil just before planting.

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



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<b>Spreader Make and Model</b>	<b>Insects listed below+ Grass or Dichondra Lawn 2 lbs.</b>
Central Imperial Mark No. 1662-G	6 1/2
Central Suburbia Lawn Spreader No. 1622-0	6 1/2
Cycione Model B1 Rotary	4 1/2
Greenfield Model 105	6 1/2
ORTHO Drop Spreader Model 3000	4 1/2
ORTHO Broadcast Spreader Model 4000	4 1/2
J.C. Penney Model 6005	7 1/4
J.C. Penney Rotary Spreader	5
Scott Precision Flow Spreader Model PF-4	4
Sears Craftsman Model 671.19198	6

- |                    |                  |                |
|--------------------|------------------|----------------|
| Ants               | Clover Mites     | Lawn Moths     |
| Armyworms          | Crickets         | (Sod Webworms) |
| Bermudagrass Mites | Cutworms         | Leafhoppers    |
| Brown Dog Ticks    | Earwigs          | Millipedes     |
| Chiggers           | Fleas            | Sowbugs        |
| Chinch Bugs        | Hyperodes Weevil | (Pill Bugs)    |
|                    |                  | 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.