

OCT - 8 1993

Agway, Inc.
c/o Ms. Beverly Randall
Universal Cooperatives, Inc.
P.O. Box 460
Minneapolis, MN 55440

Dear Ms. Randall:

Subject: Amendment - Revise per Agency letter
dated August 2, 1993
Agway Ant & Soil Insect Granules
EPA Reg. No. 8590-505
Your submission dated July 23, 1993

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

- 1) Capitalize the "F" of "Federal" in the first sentence under the heading **DIRECTIONS FOR USE**.
- 2) Under the heading **OVERALL LAWN APPLICATION**, in the **SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS**, add a comma after "Birds, especially waterfowl (ducks or geese)".
- 3) In the directions for control of Billbugs, etc.:
 - a) Revise the first sentence of the **Timing/Special Directions** to read as follows:

"Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs."
 - b) In the first sentence of the **Timing/Special Directions** for dung beetle grub control, capitalize "Spring" and "Summer", since you have capitalized "Summer" and "Fall" in this same section.
 - c) Revise the second sentence of the **Timing/Special Directions** for dung beetle grub control to read as follows:

"Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs."

- d) In the third sentence of the **Timing/Special Directions** for dung beetle grub control, add a comma between "Fall" and "if".
- 4) In the **Timing/Special Directions** for control of Hyperodes weevils, add a comma after "however".
- 5) Since the revised directions for **Band Treatment Around House Foundation** call for only a 2-foot wide band, revise "for each 100 sq. ft. of area (5' by 20') treated" to read "for each 100 sq. ft. of area (2' by 50') treated".
- 6) In the **Environmental Hazards**, add a comma after "Birds, especially waterfowl (ducks or geese)".

A stamped copy of the label is enclosed for your records. Labeling released for shipment after the deadline imposed by the Diazinon Registration Standard, as amended, must be the revised amended label.

Please note that a revised Confidential Statement of Formula (CSF) must be submitted for this product. As specified in the Diazinon Registration Standard, CSFs for diazinon products must include upper certified limits for 4 impurities of toxicological concern to the Agency as specified in the Diazinon Registration Standard. Please contact Ms. Carolyn Bussey of Ciba-Geigy (919-632-2838) for assistance in preparing the revised CSF, which must also include certain required certification statements. Please note that if you have alternate suppliers of diazinon, you will have to contact each of these suppliers also, since each source has different impurity levels. Because of these differences, each source must be presented on a separate CSF form (i.e., a separate CSF form for your basic formula/supplier and an additional CSF form for each alternate diazinon source, which must include the correct upper Certified Limits for the 4 toxic impurities based on that source). Be sure to modify the required certification statements at the end of your CSF to reflect the alternate source's company name and product name.

Sincerely,

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

397

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT - 8 1993

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

8590-505

AGWAY
ANT & SOIL INSECT GRANULES

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

For outdoor use on the
home lawn and in the
home garden only.

Ready-to-use Granules.
Contains 5% diazinon
insecticide.

Treats up to 5000 square
feet.

10 Pounds
Net Weight

Active Ingredient:
Diazinon: O,O-Diethyl O-
(2-isopropyl-6-methyl-
4-pyrimidinyl)
phosphorothioate . . . 5%

Inert Ingredients: 95%

Total: 100%

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See additional precau-
tionary statements on
back of bag.

EPA Reg. No. 8590-505
EPA Est. 1386-OH-1

MANUFACTURED FOR:
AGWAY, INC.
P.O. Box 4741
Syracuse, NY 13221

D•z•n kills:

Ants, Armyworms
Bermudagrass mites
Billbugs
Brown dog ticks
Chiggers, Chinch bugs
Crickets, Cutworms
Earwigs, Fire ants*
Fleas, Onion maggots
Root maggots
Sod webworms
White grubs of:
• European chafer
• Japanese beetle
• Southern chafer
Wireworms
...and others

*Aids in control

See Directions for Use

In Lawns
Agway Ant & Soil Insect Granules kills

Ants	Crickets	Sod webworms
Armyworms	Cutworms	Sowbugs
Bermudagrass mites	Digger wasps	(Pillbugs)
Billbugs	Earwigs	Springtails
Brown dog ticks	Fire ants*	White grubs of:
Chiggers	Fleas	• European chafer
Chinch bugs	Lawn moths	• Japanese beetle
Clover mites	Leafhoppers	• Southern chafer
	Millipedes	* Aids in control

In Gardens
Agway Ant & Soil Insect Granules kills

Cutworms	Onion maggots	Wireworms
Mole crickets	Root maggots	

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Agway, Inc. or the Seller. All such risks shall be assumed by the Buyer.

DISCLAIMER: Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

NOTE: This pesticide is to be sold ONLY in this or any unbroken package.

DIRECTIONS FOR USE

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

OVERALL LAWN APPLICATION

Special Precautions To Reduce Risk To Birds

Birds, especially waterfowl (ducks or geese) feeding or drinking on treated areas may be killed. To reduce risks to birds:

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions in the directions for use, however, stop watering before puddling occurs.
6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

Agway Ant & Soil Insect Granules controls certain lawn insects on both grass and oichondra lawns. Apply Agway Ant & Soil Insect Granules with fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

Pest	Rate*	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola)	2 lbs. per 1,000 sq. ft.	Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.
Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer, <i>Ataenius spretulus</i> (dung beetle)	2 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 inch of water after application, however stop watering if puddling occurs. For billbug control, apply when activity is first observed or when chewed grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in spring or summer when damage is first noticed. Water grass with at least 1/4 inch of water application, however stop watering if puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.
Hyperodes weevils	2 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 inch of water after application, however stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

* 1,000 sq. ft. = an area 20 ft. x 50 ft.

100 sq. ft. = an area 10 ft. x 10 ft.

2 lbs. per 1,000 sq. ft. = 3.2 oz. per 100 sq. ft.

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

BEST AVAILABLE COPY

LAWN SPREADER SETTING NO. **
(To deliver 2 lbs. per 1,000 sq. ft.)

Spreader Make and Model	Setting
Central Imperial Mark No. 1662-G	6½
Central Suburbia Lawn Spreader No. 1622-0	6½
Cyclone Model B1 Rotary	4½
Greenfield Model 105	6½
ORTHO Drop Spreader Model 3000	4½
ORTHO Broadcast Spreader Model 4000	4½
J. C. Penney Model 6005	7¼
J. C. Penney Rotary Spreader	5
Scott Pre-Flow Spreader Model F-4	4
Sears Craftsman Model 671.19198	6

** For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft.

Lawn Spot Treatment

Ants: Apply 1½ teaspoons of Agway Ant & Soil Insect Granules over and around each ant hill.

Fire ants: To aid in the control of fire ants in lawns and other outdoor home recreation areas, apply ½ cup over, and 2 ft. around, each fire ant mound. Immediately after application, water-in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of 1 gal. of water should be applied to each mound area. Reapply as necessary.

Note: For best results, apply in cool weather, 65-80°F. or in early morning or late evening hours. Works within 24 hours. No waiting for days or weeks to treat new mounds as they appear.

Digger wasps: Apply 1½ teaspoons of Agway Ant & Soil Insect Granules 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 house foundations, and may enter the house:

Ants	Crickets	Millipedes
Brown dog ticks	Earwigs	Sowbugs (Pillbugs)
Clover mites	Fleas	Springtails (Collembola)

Apply a 2-foot band of Agway Ant & Soil Insect Granules 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. If necessary, repeat application at 3-week intervals.

VEGETABLES-INSECT CONTROL

Special Precautions To Reduce Risk To Birds

Birds feeding on treated areas may be killed. To reduce risk to birds:

1. Thoroughly mix Agway Ant & Soil Insect Granules into the soil during or immediately after application. Refer to the soil Incorporation table that follows.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

Agway Ant & Soil Insect Granules controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations.

Do not apply this product to food crops grown in greenhouses.

Applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

SOIL INCORPORATION

Insect	Depth of Mixing or Incorporation into Soil
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.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	

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

Beets, Red (Table)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Broccoli	Root Maggots	7-10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Brussels Sprouts	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Root Maggots	7-10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

BEST AVAILABLE COPY

crop	Pest	Rate	Timing/Special Directions
Cabbage	Root Maggots	7-10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Carrots	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cauliflower	Root Maggots	7-10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Celery	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Collards	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cucumbers	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Endive (Escarole)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Kale	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

Lettuce	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, and Hybrids of these), and Watermelons	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Mustard	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb and Green)	Onion Maggots	7-14 oz. per 500 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. Note: Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
	Wireworms	10½-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Peas (succulent only)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	

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

Peppers	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Potatoes	Cutworms (Surface and Subterranean)	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Radishes	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Squash (Summer and Winter)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	

Crop	Pest	Rate	Timing/Special Directions
Sweet Corn	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Seed Corn Maggots	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting
Swiss Chard	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Tomatoes	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Turnips	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	

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.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

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 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

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. Get medical attention.

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.

Environmental Hazards

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese) 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. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

For lawns, follow all watering instructions in the directions for use, however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water which may attract waterfowl, such as ponds or lakes.

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 fish and other 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.

BEST AVAILABLE COPY