

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC - 7 1992

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

Subject: Amendment - Label Update  
Agway Lawn & Garden Control with Diazinon  
EPA Registration No. 8590-443  
Your Submission dated November 4, 1992

Dear Ms. Randall:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

On page 3 of your label under the heading "In Gardens" (column on the right-hand side) delete the following pests: Army Worms, Corn Rust Flies, Corn Borers, and Root Worms.

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

Sincerely yours,

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

Enclosure:

CONCURRENCES

SYMBOL							
SURNAME	MOATS						
DATE							

LAWN & GARDEN INSECT CONTROL WITH DIAZINON  
TREATS UP TO 5000 SQUARE FEET

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

For outdoor use on Home Lawns, Home Vegetable Gardens and for Control of Insects Around the Home.

Lawn & Garden Insect Control With Diazinon kills:

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

\*Aids in control.

See Directions for Use.

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

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 precautionary statements on back of bag.

EPA Reg. No. 8590-443  
EPA Est. No. 8590-PA-1

Ten Pounds  
Net Weight

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

DEC - 7 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 8590-443  
AGWAY INC.  
P.O. BOX 4741  
SYRACUSE, NY 13221

**DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY**

**IMPORTANT:** Read the entire Directions for Use and the Disclaimer before using this product.

**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 original unbroken package.

**IN LAWNS**  
Lawn & Garden Insect Control  
With 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
- Springtails
- White grubs of:
  - . European chafer
  - . Japanese beetle
  - . Southern chafer

**IN GARDENS**  
Lawn & Garden Insect Control  
With Diazinon kills:

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

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\*Aids in control.

Directions for Use

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

Overall Lawn Application:

Lawn & Garden Insect Control With Diazinon 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 Lawn & Garden Insect Control With Diazinon 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 1/4-1/2 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

Hyperodes weevils:

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 Lawn & Garden Insect Control With Diazinon 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, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

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Digger wasps: Apply 1 1/2 teaspoons of Lawn & Garden Insect Control With Diazinon 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 Lawn & Garden Insect Control With Diazinon 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

Lawn & Garden Insect Control With Diazinon 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.

Unless directions under "Timing/Special 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.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
beans (Pole, Snap or Lima) succulent (dry)	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 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.		
beans (Red Table)	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
broccoli	Root Maggots	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
broccoli (cont'd)	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
brussels sprouts	Root Maggot	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
cabbage	Root Maggot	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.



CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Carrots	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Cauliflower	Root Maggots	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Celery	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Collards	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Cucumber	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Endive (Escarole)	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Cale	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.

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CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Lettuce	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, & Hybrids of these) and watermelons	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 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 1-2 days before planting.
Onions (green and bulb)	Onion Maggots	7-14 ozs. per 500 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil  NOTE: Diazinon may not control organophosphate-resistant onion maggots.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.

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CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
arsley	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
eas succulent only)	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 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	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
potatoes	Cutworms (Surface & Subterranean)	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Radishes	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Squash, Summer and Winter	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Sweet Corn	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Seed Corn Maggots	7-14 ozs. per 500 sq. ft.	Broadcast just before planting. Mix into soil 2 inches.
	Wireworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.*

\*NOTES: 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 just before planting.
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CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Swiss Chard	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Tomatoes	Cutworms	7-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 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 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.

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

Spreader Make and Model	Insects listed below†
	Grass or Dichondra Lawn 2 lbs.
Central Imperial Mark No. 1662-G	6 1/2
Central Suburbia Lawn Spreader - No. 1622-0	6 1/2
Cyclone 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  
Armyworms  
Bermudagrass Mites  
Brown Dog Ticks  
Chiggers  
Chinch Bugs

Clover Nites  
Crickets  
Cutworms  
Earwigs  
Fleas  
Hyperodes Weevil

Lawn Moths  
(Sod Webworms)  
Leafhoppers  
Millipedes  
Sowbugs  
(Pill Bugs)  
Springtails  
(Collembola)

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 the event of a major spill, fire or other emergency, call 1-800-228-5635, Ext. 138, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

**CAUTION**

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. 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

**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. Get medical attention.

**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.

Continued

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

Spreader Make and Model	Insects listed below
	Grass or Dichondra Lawn 2 lbs.
Central Imperial Mark No. 1662-G	6 1/2
Central Suburbia Lawn Spreader - No. 1622-0	6 1/2
Cyclone 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  
Armyworms  
Bermudagrass Mites  
Brown Dog Ticks  
Chiggers  
Chinch Bugs

Clover Mites  
Crickets  
Cutworms  
Earwigs  
Fleas  
Hyperodes Weevil

Lawn Moths  
(Sod Webworms)  
Leafhoppers  
Millipedes  
Sowbugs  
(Pill Bugs)  
Springtails  
(Collembola)

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 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, 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.