

PM 13

9198-61

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 6 1993

Mr. Daniel Paradiso, Jr.  
The Andersons Management Corp.  
P.O. Box 119  
Maumee, OH 43537

Subject: Amendment - Revised Labels per Diazinon Registration  
Standard; Confirm Product Master Name  
Turf Care Lawn Insecticide 2% Diazinon  
EPA Registration No. 9198-61  
Your Letter Dated June 11, 1991 and received  
January 13, 1993

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. Add "only" to the front end of the panel limitation, "For Outdoor Use on the home lawn only."
2. 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 recommended~~ application rates recommended on

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DATE	6/30/93						

other aquatic life are important resources. Do not contaminate water when disposing of equipment wash waters.

3. Correct the spelling of Bermuda Grass Mites to Bermudagrass Mites in the pest listing.
4. Revise the last sentence of the "Precautions" which appear under the heading "Overall Lawn Application" to read as follows:

Where thorough watering after application 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 1/4 inch of water immediately after apply this product, however, stop watering before puddling occurs.

5. You may wish at this time to incorporate the new avian risk reduction precautions that appear on Ciba-Geigy latest label (copy enclosed). Specifically, please note the 15,000 sq. ft. limitation prohibition against treating areas occupied by waterfowl or within 75 ft of any body of water that may attract waterfowl, and the limitation to no more than 4 applications per year with a minimum of 3 weeks between applications.
6. Under the directions for use for billbugs, white grubs and Hyperodes weevil control, revise the statement "Water grass thoroughly after application" to read "Water grass thoroughly after application, however, stop watering before puddling occurs."
7. Under the Overall Lawn Application add the following after the list of pests:

Apply (product name) with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry. Repeat as necessary. For applications with other types of equipment, apply at the rate of 5 lbs. per 1,000 sq. ft. (an area 20' by 50') of 8 oz. per 100 sq. ft. (an area 10' by 10').

This letter also serves to acknowledge your confirmation of the master name for the product as **Turf Care Lawn Insecticide 2% Dazinon**. We have changed the name in the subject record file.

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Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

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

Enclosure

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(front panel)

**TURF CARE LAWN INSECTICIDE**

**2% DIAZINON**

**THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS  
FOR OUTDOOR USE ON THE HOME LAWN**

**ACTIVE INGREDIENT:**

Diazinon: 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)  
phosphorothioate . . . . . 2.00%

INERT INGREDIENTS . . . . . 98.00%  
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN ~ 12 pt.

CAUTION ~ 18 pt.

See Back Panel For Additional Precautionary Statements

NET WEIGHT 10 LBS.

TREATS 2,000 SQ. FT.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

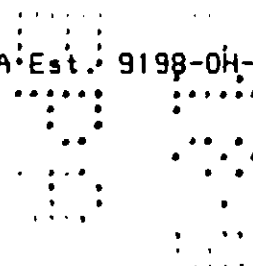
EPA Reg. No. 9198-61

JUL 6 1993

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

9198-61

EPA Est. 9198-04-1



(back panel)

NET WEIGHT 10 LBS.

TREATS 2,000 SQ. FT.

TURF CARE LAWN INSECTICIDE

2% DIAZINON

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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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. 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 and pets onto the treated area until granules have been watered in and the grass has 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 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 fish and wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Runoff may be hazardous to aquatic organisms in neighboring areas. Collect or incorporate granules that are spilled during loading or are visible on soil surfaces in turn areas. Do not contaminate water by disposal of equipment washwaters. 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. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of granules. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Application should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

## DIRECTIONS FOR USE

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

### TURF CARE LAWN INSECTICIDE 2% DIAZINON KILLS:

Ants	Crickets	Springtails
Armyworms	Cutworms	Sod Webworms
Bermuda Grass Mites	Digger wasps	Sowbugs
Billbugs	Earwigs	White grubs of:
Brown Dog Ticks	Fleas	- Japanese Beetle
Chiggers	Lawn moths	- European chafer
Chinch bugs	Leafhoppers	- Southern chafer
Clover mites	Millipedes	

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## OVERALL LAWN APPLICATION

To control the following lawn insects on both grass and dichondra lawns, this product should be applied at 5.0 lbs. per 1000 sq. ft. Application should be made when grass is dry. Water lawn lightly after application. Repeat application in 7-10 days if necessary.

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 and waterfowl. Avoid overlapping treated areas. If waterfowl, i.e., ducks or geese, can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 1/4 inch water immediately after application, however, stop watering before puddling occurs.

Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer: Apply 5 lbs. per 1000 sq. ft. of lawn. Water grass thoroughly after application. For Billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control treat any time between late July and early October. Water grass thoroughly with 1/4 - 1/2 in. of water after application.

### Hyperodes Weevils

Apply 5 lbs. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

## SUGGESTED SPREADER SETTINGS

(Settings will be available for final printing of the label)

NOTE: Above spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of area treated. Calculate the size of the area to be treated and do not over or under apply. Be sure to shut off spreader while turning or stopping to prevent accidental over-application and burning of grass. Fill spreader on driveway or sidewalk to eliminate chance of spillage on grass. Do not hand spread.

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STORAGE AND DISPOSAL - 12 pt.

**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.

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

) The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and turf conditions, mixture with other chemical not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer.

Manufactured by: The Andersons  
Lawn Fertilizer Division  
P.O. Box 119  
Maumee, OH 43537

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:9198-61  
5/28/91

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