

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 6 1993

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

BEST AVAILABLE COPY

Subject: Amendment - Revised Labels per Diazinon Registration Standard
Turf Care Lawn and Garden Insecticide 5% Diazinon
EPA Registration No. 9198-62
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 following sentences under the Environmental Hazards section by either adding the highlighted areas or revising the statement:

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.

Do not contaminate water when disposing of equipment wash waters.

3. 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.

CONCURRENCES

SYMBOL	SURNAME	DATE					
	GA	7/1/93					

- 4. 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.
- 5. 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."
- 6. 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 2 lbs. per 1,000 sq. ft. (an area 20' by 50') of 3.2 oz. per 100 sq. ft. (an area 10' by 10').
- 7. Under the Home Vegetable Gardens, correct the spelling of "mix" and add the statement before the last sentence:

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

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.

The additional brand name "The Andersons Professional Turf Products 5% Diazinon" submitted as a notification December 18, 1992 is not acceptable. The word "professional" is false and misleading based on unqualified claims of heightened efficacy and should be deleted. Refer to PR Notice 91-7 for false and misleading statements.

Sincerely yours,

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

Enclosure

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(FRONT PANEL)

TURF CARE LAWN AND GARDEN INSECTICIDE

5% DIAZINON

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOO FARMS
FOR OUTDOOR USE ON THE HOME LAWN AND IN THE HOME GARDEN

ACTIVE INGREDIENT:

Diazinon: 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 5.00%

INERT INGREDIENTS 95.00%
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 5,000 SQ. FT.

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ACCEPTED
with COMMENTS
in EPA Letter Dated

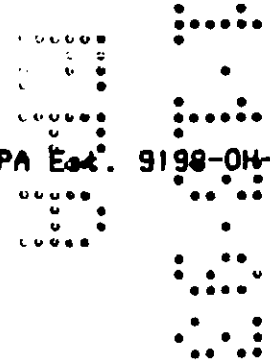
JUL - 6 1993

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

9198-62

EPA Reg. No. 9198-62

EPA Est. 9198-04-1



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(BACK PANEL)

NET WEIGHT 10 LBS.

TREATS 5,000 SQ. FT.

TURF CARE LAWN AND GARDEN INSECTICIDE

5% DIAZINON

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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 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 plenty of 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, 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. ^{on 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), ~~apply a minimum of 1/4 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. 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.}

For lawns.
under law
AT used

DIRECTIONS FOR USE

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

TURF CARE LAWN AND GARDEN INSECTICIDE 5% DIAZINON WILL CONTROL:

- | | | |
|--------------------|--------------|-------------------|
| Ants | Crickets | Springtails |
| Armyworms | Cutworms | Sod Webworms |
| Bermudagrass 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 | |

OVERALL LAWN APPLICATION

To control the following lawn insects on both grass and dichondra lawns, this product should be applied at 2 lbs. per 1000 sq. ft.

Ants - Armyworms - Bermudagrass mites - Brown Dog Ticks - Chiggers - Chinch bugs - Clover mites - Crickets - Cutworms - Earwigs - Fleas - Lawn moths (sod webworms) - Leafhoppers - Millipedes - Sowbugs - Springtails (Cutworms)

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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 2.0 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 2 lbs. per 1000 sq.ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

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 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.

LAWN SPOT APPLICATION

Digger wasps: Apply 1-1/2 teaspoons of this product in and around each nest opening. Apply at dusk when wasps are not active.

Ants: Apply 1-1/2 teaspoons of this product over and around each ant hill.

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7/28/88

HOME VEGETABLE GARDENS

In the home garden, to control certain soil insects on crops listed below, apply Turf Care Lawn and Garden Insecticide 5% Diazinon to the soil at the rate shown for the type of insect pest you want to control and immediately mix thoroughly into the soil to the depth specified. Do not apply this product to food crops grown in greenhouses. *add ~~some~~*

type

Cutworms (surface and subterranean) - Broccoli, Cabbage, Cantaloupe, Cauliflower, Celery, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans*, Muskmelons, Parsley, Peas*, Peppers, Potatoes, Snap Beans, Spinach, Summer Squash, Swiss Chard, Tomatoes, Watermelons, Winter Squash:

Just before planting, broadcast 7 - 14 oz. per 500 sq. ft. of garden and immediately mix into soil to a depth of 2-3 inches for control of surface cutworms and 3-6 inches for control of subterranean cutworms. If the cutworm cannot be identified, mix into the soil 4-6 inches deep.

*Do not use on dried bean varieties, such as pintos, dried limas, navy beans, etc. Do not use on dried pea varieties, such as dried black-eyed peas.

Mole Crickets: Broccoli, Cabbage, Cauliflower, Collards, Endive (escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, and Turnips.

1 to 2 days before planting, broadcast 3-1/2 oz. per 500 sq. ft. of garden and immediately mix into the soil to a depth of 1 to 2 inches.

Wireworms: Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Celery, Collards, Sweet Corn, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans, Muskmelons, Onions, Parsley, Peas, Peppers, Snap Beans, Spinach, Summer Squash, Sweet Potatoes, Swiss Chard, Tomatoes, Watermelons, and Winter Squash.

Just before planting, broadcast 10-1/2 to 14 oz. per 500 sq. ft. of garden and immediately mix into the soil to a depth of 4 to 8 inches.

