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DEC • 1 1988

Mr. Martin W. McGinn
W.A. Cleary Chemical Corporation
1049 Somerset Street
P.O. Box 10
Somerset, NJ 08873

Dear Mr. McGinn:

Subject: Spectrum WDG
EPA Registration No. 1001-51
Your Amendment Dated September 29, 1987

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Add the statement "Do not graze treated areas on feed clippings to livestock" to the label.
 - b. The statement "Do not apply to snow covered turf" should appear in the directions for snow mold control for golf course fairways as well as for greens, tees, and ornamental turf.
 - c. Also, the second sentence following "Golf Course Fairways" would apply to the use on greens, tees, and ornamental turf. Add this sentence to the section on greens, tees, and ornamental turf.
 - d. Since a dosage range is included for snow mold control, add a general statement indicating when to use the high and low rates of the range.
 - e. Groundskeepers/turf maintenance personnel may not reenter treated areas within 24 hours following application unless chemical resistant gloves are worn.

10951: E: Mitchell; C: Disk: KENC: 11/18/88: rw: VOL: EK: CT

CONCURRENCES

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- f. Under "Environmental Hazards," revise the water contamination statement to read "Do not contaminate water when disposing of equipment washwaters."
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.
3. We are also accepting the product name change to Spectrum WSG Turf Fungicide. For the record, please submit an updated Confidential Statement of Formula which specifies the name and address of the current producer as well as a statement which describes the physical change in the formulation process used to produce water dispersible granules.

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

Sincerely yours,

for Lois A. Rossi ^{SS}
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

SPECTRUM WDG is a finely ground formulated wettable powder in the form of a water dispersible granule for use in fine turfgrass areas, such as golf course greens, tees and fairways for turf diseases. SPECTRUM WDG is not phytotoxic and it will not discolor the finest bentgrasses, blue grasses, fescue or their mixtures.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

GOLF COURSE FAIRWAYS: Apply SPECTRUM WDG in 30 to 60 gallons of water per acre. Application should begin early spring as a preventative treatment and continue at the recommended application interval as long as conditions favor the development of disease.

DISEASE	APPLICATION INTERVAL	APPLICATION RATE PER ACRE
DOLLAR SPOT - Sclerotinia	10-14 days	8 lbs.
LEAF SPOT - Helminthosporium	10-14 days	8 lbs.
COPPER SPOT	10-14 days	8 lbs.
BROWN PATCH	10-14 days	8 lbs.
SNOW MOLD, Fusarium nivale, Typhula ssp.	once (Fall)	24-32 lbs.
SNOW MOLD, Fusarium nivale, Typhula ssp.	once (mid-winter or Spring-thaw)	12 lbs.

GOLF COURSE GREENS, TEES AND ORNAMENTAL TURFGRASS: Apply SPECTRUM WDG in sufficient amount of water to achieve complete coverage. The amount may vary from 2-12 gallons per 1000 sq. ft.

	APPLICATION INTERVAL	RATE IN OZ./1,000	
		PREVENTATIVE	SQ. FT. CURATIVE
DOLLAR SPOT, Sclerotinia	7-10 days	3	3
LEAF SPOT, Helminthosporium	7-10 days	3	6
COPPER SPOT	7-10 days	3	4
BROWN PATCH	7-10 days	3	4
SNOW MOLD, Fusarium nivale, Typhula ssp.	once (Fall)	9-12	-
SNOW MOLD, Fusarium nivale, Typhula ssp.	once - DO NOT APPLY TO SNOW COVERED TURF (mid-winter or Spring-thaw)	4-1/2	-

EPA REG. NO. 1001-51

EPA EST. NO. 9779-AR-13

SPECTRUM WDG

TURF FUNGICIDE

Label ingredient statement

Active ingredients

Tetramethylthiuram disulfide (Thiram)50.0%

Diethyl 4,4'-o-phenylenebis (3-thioallophanate).....16.7%

Inert ingredients33.3%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get Medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

BEST AVAILABLE COPY



**W.A. CLEARY CHEMICAL
CORPORATION**

1043 Somerset St. Somerset, N.J. 08873 (201) 247-8000

DEC 1 1988

Net Wt 8 Lbs. (3.63 kg)

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RIGHT PANEL

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Wash thoroughly with soap and water after handling. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Do not take alcohol immediately before or after exposure to this product. Consumption of alcoholic beverages increase the toxic effects of thiram. This product can cause skin itching, rashes and other dermal reactions to the user.

ENVIRONMENTAL HAZARDS

This pesticide product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands.

PHYSICAL AND CHEMICAL HAZARDS

Keep away from heat and open flame.

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STORAGE AND DISPOSAL

STORAGE:

Store in original containers only in secured area inaccessible to children.

PESTICIDE DISPOSAL:

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Absorb spills onto clay, sand or vermiculite and hold for proper disposal.

CONTAINER DISPOSAL:

Completely empty box or (bag) by shaking and tapping side and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of boxes or (bags) in a sanitary landfill or by incineration if allowed by state and local authorities.

LIMITED WARRANTY AND DISCLAIMER

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Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. Seller makes no other express or implied warranty, including any other expressed or implied warranty of fitness or of merchantability, and no agent of seller is authorized to do so except in writing with a specific reference to this warranty.

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