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SC 11-1137
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Ms. Donna H. Hillebold
Sandoz Crop Protection Corporation
1300 E. Touhy Avenue
Des Plaines, IL 60018

Dear Ms. Hillebold:

Subject: Notification of Amended Labeling
Ditek 80 DF Fungicide
EPA Registration No. 55947-137
Your Submission Dated November 27, 1989

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

- As previously stated, change the last sentence under Environmental Hazards to read "Do not contaminate water when disposing of equipment washwaters."

A stamped copy of the label is enclosed.

Sincerely yours,

Susan T. Lewis
Susan T. Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

H7505C:J.Fairfax:jf:1/30/90

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

ACCEPTED

FEDERAL GOVERNMENT

JAN 31 1990

1254

DITEK™

80 DF FUNGICIDE

For Use On Ornamentals and Turf

55947-137

ACTIVE INGREDIENT

Thiophanate-methyl (dimethyl[(1,2-phenylene)-bis(aminocarbonothioyl)]bis[carbamate]) 80%

INERT INGREDIENTS

20%

EPA Registration No. 55947-137

Net Contents

EPA Establishment No. _____

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash face thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid

If in eyes, flush immediately with plenty of water. Call a physician.
If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses water and induce vomiting by touching back of throat with finger, or, if available by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.
If on skin, wash immediately with soap and water.

Environmental Hazard

This pesticide is toxic to fish. Do not apply directly to water and wetlands. Do not apply where run-off is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not contaminate feed or food. Keep children and pets out of treated areas until material is completely dry.

It applies to crops through any type of irrigation system.

General Information

Apply DITEK with ground or aerial equipment using sufficient volume of spray to provide thorough coverage. Add required amount of DITEK to partially filled tank. Agitate by mechanical or hydraulic means. Then add remaining required amount of water. Do not tank mix with copper-containing materials or with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied. Use the higher rates under conditions of severe disease pressure.

Important:

If results are not obtained at the recommended use rates a tolerant strain of fungus may be present. Consult your local Sandaz representative or State Agricultural Extension Service for advice on the prompt use of some other suitable fungicide.

Please Note:

- The rates on this label are in ounces or pounds product DITEK 80 DF (0.05 lbs. ai per ounce)
- Use the higher recommended rates for advanced disease problems where prompt curative effects are needed.

Turf

For use on golf greens, tees and fairways of Bentgrasses, Bluegrasses, Bermudagrasses, Fescues, Ryegrasses, St. Augustine grass or their mixtures - to be used for prevention and control of the below mentioned diseases. Use the recommended rates of DITEK to avoid phytotoxicity on the different grass varieties where the compound is applied.

The spray mixture should be used the same day it is prepared.

Apply uniformly over the area to be treated. The best results are obtained when the compound is applied after mowing, or avoid mowing for twelve hours after DITEK is applied. Apply DITEK in sufficient water to obtain good coverage, generally 3-5 gallons per 1000 sq. ft. turf area. Use the highest recommended rates when disease pressure is high and weather conditions are in favor of disease development.

DITEK at the recommended rates provides excellent control on the following diseases

Fusarium Blight (*Fusarium roseum*): Apply 3 1/2 - 6 ounces DITEK per 1000 sq. ft. Immediately after application water into root zone by irrigating thoroughly. Re-treat at 8 to 10 day intervals when weather conditions are in favor of disease development.

Dollar Spot (*Sclerotinia homocarpa*), Copper Spot (*Gloeosporium sorghi*): Apply DITEK at 1/2 - 1 1/4 ounces per 1000 sq. ft. beginning when the disease appears and continue at 10 to 14 day intervals to the end of the season or as needed.

Large Brown Patch (*Rhizoctonia solani*): Apply DITEK at 1/2 - 1 1/4 ounces per 1000 sq. ft. beginning when the disease appears and continue at 10 to 14 day intervals to the end of the season, or as needed. (Apply on a preventative basis for consistency and better overall performance.)

Strip Smut (*Ustilago striiformis*): Apply DITEK at 3 1/2 - 7 ounces per 1000 sq. ft. Immediately after application water into root zone by irrigating thoroughly. Apply at 14-21 day intervals during

disease development. One to two applications will provide good control. Best results are obtained when the compound is applied during the spring or fall.

**Ornamentals, Roses, Flowers, and Shrub Trees
(Field and Greenhouse)**

Leaf Spray. Begin applications when disease first appears and repeat at 10 to 14-day intervals throughout the growing season, shorten interval during humid, rainy weather.

Powdery Mildew and Botrytis Gray Mold. Use 1/2 - 3/4 of a pound of DITEK per 100 gallons, or 1 - 1 1/2 tablespoons per 2 gallons.

Anthrachnose. Use one pound of DITEK per 100 gallons for Anthracnose (for shade trees and wood ornamentals, begin at bud break and make 2 or 3 additional applications at 10 to 14-day intervals).

Black Spot. Apply one pound per 100 gallons for Black Spot of roses, *Cecospora*, *Entomosporium*, *Ramularia*, and *Septoria* Leaf Spots, *Ascochyta* and *Phomopsis* Blights, *Didymellina* Leaf Spots of Iris, *Coniophora* Leaf Spot of Ligustrum, *Ovulinia* of azalea and rhododendron (begin as flowers open), Scab of pyracantha and flowering crab.

Addition of a surfactant to the spray mixture improves distribution of the spray on hard-to-wet plants. Where aerial applications are used, apply one pound in 3 - 8 gallons per acre.

Drench Treatment. *Botrytis*, *Fusarium*, *Rhizoctonia*, and *Sclerotinia* stem, crown, and root rots on herbaceous annuals, perennials, and bedding plants; *Cylindrocladium* and *Thielaviopsis* rots on wood ornamentals such as azaleas, rhododendrons, conifers, and palmsettles - Use 3/4 pound to 1 1/2 pounds of DITEK per 100 gallons and apply as a drench or heavy spray (1 to 2 pint mixture per square foot, after transplanting into propagation beds or containers. Repeat at 2 to 4-week intervals during periods favorable for disease. DITEK does not control *Fythium* spp. or *Phytophthora* spp.

Preplant Dip Treatment. For control of diseases listed under Drench Treatment as a Dip Treatment use 3/4 - 1 1/4 pound of DITEK per 100 gallons of water, immerse plants or cuttings for 10 to 15 minutes before planting to the final field.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL - Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL - Triple rinse container, then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if allowed by State and local authorities.

SANDOZ CROP PROTECTION CORPORATION
Des Plaines, IL 60018