

6534

Mallinckrodt

2 LB.
(0.9 Kg)

PM 21
5-15-11
lot 2

ACCEPTED

APR 8 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act
as amended by the Fungicide Registration and
EPA Reg. No. 372-48

**BROAD SPECTRUM
SYSTEMIC-CONTACT
FUNGICIDE
FOR
TURF AND ORNAMENTALS**

ACTIVE INGREDIENTS:

Thiophanate-methyl (Dimethyl [1,2-phenylene] bis (iminocarbonothioyl))bis (carbamate) 15%
A coordination product of zinc and ethylenebis dithiocarbamate 60%
in which the ingredients are

Manganese (Mn)
Zinc (Zn)
Ethylenebis dithiocarbamate 46.5%

INERT INGREDIENTS: 25%
TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

WARNING!

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED. Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. **OBTAIN MEDICAL ATTENTION IMMEDIATELY.**

IF INHALED. Induce coughing

IF ON SKIN. Wash off with soap and water.

IF IN EYES. Flush eyes with water

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

MANUFACTURED FOR
MALLINCKRODT, INC.
ST. LOUIS, MISSOURI 63147

**EPA EST. NO. 228-IL-1
EPA REG. NO. 372-48**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING! Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Always wear protective clothing and respirator when mixing and applying pesticides. Do not contaminate feed or food. Keep children and pets off treated area until dry or material has washed into the soil.

ENVIRONMENTAL HAZARDS

THIS PRODUCT IS TOXIC TO FISH. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Keep away from fire or sparks

DIRECTIONS FOR USE

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

FOR PROFESSIONAL USE ONLY

Add recommended amount to a partially filled spray tank under agitation. Complete filling to the desired volume. Keep agitated to insure even suspension of material. Make fresh daily. Spray uniformly over the area with a boom-type or other power sprayer.

TURF

Apply after mowing or avoid mowing for 12 hours after application. Apply in sufficient water to obtain thorough coverage, usually 5 gal. per 1000 sq. ft. of turf area. Always treat aprons and approaches to golf greens. Under conditions of severe disease, apply every 5 to 7 days. **Note to users:** Do not apply to areas likely to be grazed by livestock and do not feed clippings to livestock or poultry.

Use on golf course greens, tees, lawn and fairways of Bentgrasses, Bluegrasses, Fescues, Bermudagrasses, Ryegrasses, St. Augustine grass or their mixtures for the prevention and control of the following diseases:

DOLLAR SPOT *Sclerotinia homeocarpa* — Apply at 3 oz. per 1000 sq. ft. beginning when the disease first appears and continue at 10-14 day intervals as needed. Re-treat at 5-7 day intervals under severe conditions.

ANTHRACNOSE *Colletotrichum graminicola*.

BROWN PATCH *Rhizoctonia solani*

COPPER SPOT *Gloeosporium sorghi*

FUSARIUM PATCH *Fusarium nivale*

LEAF SPOTS *Helminthosporium* spp.

RED THREAD *Corticium lusiforme*

RUST *Puccinia coronata*

Apply at 4.6 oz. per 1000 sq. ft. when disease appears and continue at 10-14 day intervals. Use at 5-7 day intervals for severe disease.

Spray foliage with a suspension containing 1.5 lb. per 100 gal. of water when conditions for disease prevail.

*For Citronia on camellia and Ovulinia on azaleas and rhododendrons, 1 lb. per 100 gal. on a 4 to 6 day interval is recommended. For Gymnosporangium on crabapple, use 2 lb. per 100 gal. at 2 week intervals. For Phomopsis on juniper use 3 lb. per 100 gal. at 7 to 10 day intervals.

Use on ornamental and nursery crops for prevention and control of the following diseases in the greenhouse, field or landscape:

DISEASE CATEGORY	ORGANISM GENERA
1 ANTHRACNOSE	Colletotrichum, Gloeosporium, Marssonina, Mycosphaerella spp.
2 BLACKSPOT	Diplocarpon rosae
3 FLOWER SPOT AND BLIGHT	Alternaria, Ascochyta, Botrytis, Citronia, Curvularia, Ovulinia spp.
4 LEAF SPOT AND BLIGHT	Alternaria, Ascochyta, Botrytis, Cercospora, Curvularia, Entomosporium, Fusarium, Rhizoctonia, Septoria, Volvutella spp.
5 STEM & TWIG BLIGHT	Pestalotia, Phomopsis, Rhizoctonia spp.
6 DOWNY MILDEW	Plasmopara spp.
7 POWDERY MILDEW	Erysiphe cichoraceae, Microsphaera, Podosphaera and Sphaerotheca spp.
8 SCAB	Fusicladium, Venturia and Sphaeloma spp.
9 RUST	Gymnosporangium spp.

The following plants are subject to one or more of the diseases indicated by number. They tolerate DUOSAN® at normal rates of application:

WOODY	HERBACEOUS
Aralia (1, 4)	African Marigold (3, 4)
Ash (1)	Aphelandra (4)
Azalea (3, 4)*	Aster (3, 4)
Black Walnut (1)	Begonia (3, 4)
Brassia (1, 4, 5)	Carnation (3, 4)
Camellia (3)*	Cissus (4, 5, 6)
Cherry Laurel (4)	Chrysanthemum (1, 3, 4)
Crabapple (7, 8, 9)*	Dahlia (3, 4)
Crape Myrtle (7)	Dieffenbachia (4)
Dogwood (1, 4)	Euphemium (4)
Dracaena (4, 5)	Geranium (3, 4)
Euonymus (1)	Impatiens (3, 4)
Fatsia (4)	Kalanchoe (3, 4, 7)
Hawthorn (7, 9)	Liriope (4, 7)
Juniper (5, 9)*	Mondo Grass (1)
Lilac (7)	Pachysandra (4)
Maple (1)	Pansy (1, 3, 4)
Photinia (4)	Peltea (4)
Pittosporum (4)	Petunia (3, 4)
Poinsettia (3, 4, 8)	Philodendron (4)
Pyracantha (8)	Phlox (3, 4, 7)
Rhapitepis (4)	Snapdragon (3, 4, 6)
Rhododendron (3)*	Spathiphyllum (4, 5)
Rose (2, 3, 4, 7)	Stocks (3, 4, 7)
Sycamore (1)	Streitzia (1)
Viburnum (6)	Verbena (3, 4)
	Vinca (4)
	Zinnia (3, 4, 7)

*See special instructions above. Do not use on French Marigold or Gloxinia.

STORAGE AND DISPOSAL

STORAGE: Do not store at a temperature exceeding 122°F. (50°C). Store in a dry place in a well closed container. Do not allow to become wet or overheated in storage. This may cause chemical changes which will impair the fungicidal effectiveness of DUOSAN® and may also generate flammable vapors.

POUR OFFER: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide sprays may be rinsed with water that can be used for irrigation. Follow the instructions of the label for disposal of containers according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.