

WETTABLE
706 22 1201
58158-28

Wettable Powder Turf and Ornamental Fungicide in Water Soluble Bags

ACTIVE INGREDIENTS:

Thiophanate-methyl (Dimethyl [(1, 2-phenylene) bis (iminocarbonothioyl)] bis [carbamate]) 15%
A coordination product of zinc ion and manganese ethylenebis dithiocarbamate 63%

in which the ingredients are:

Manganese (Mn)⁺⁺ 12.6%
Zinc (Zn)⁺⁺ 1.5%
Ethylenebis dithiocarbamate 48.9%

INERT INGREDIENTS: 22%
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

Do not remove packages from container except for immediate use.

EPA EST. NO. 10163-AZ-1

EPA REG. NO. 58185-28

GRACE  SIERRA

NETWEIGHT 3 LBS.
(Four 12 oz. Water Soluble Bags)

Grace-Sierra Crop Protection Company, 1001 Yosemite Drive, Milpitas, CA. 95035

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

Do not apply this product through any type of irrigation system.

FOR PROFESSIONAL USE ONLY

This canister contains four DUOSAN WSB water-soluble bags.

Add 2/3 of the required amount of water to the spray or mixing tank. With agitator running, place required amount of unopened water soluble bags into the partially filled spray tank or closed-system mix tank. Keep agitated to insure even suspension of material. Make daily. Spray uniformly over the area to be treated with a boom type or other power sprayer. Do not handle water soluble bags for longer than is required to place into sprayer tank. Do not expose water soluble bags to moisture.

TURF

Apply after mowing or avoid mowing for 12 hours after application. Apply in sufficient water to obtain 1/4 inch coverage, usually 5 gal. per 1000 sq. ft. of turf area. Always treat aprons and approaches to greens. Under conditions of severe disease, apply every 5 to 7 days. Note to users: Do not apply where 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 homoeocarpa* Apply at 12 oz. (1 bag) per 4,000 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 *Gloeosporangium sorghi*.

SMARagd PATCH *Fusarium nivale*.

LEAF SPOTS *Helminthosporium* spp.

RED THREAD *Corticium fusiforme*.

RUST *Puccinia coronata*.

GRAY LEAF SPOT *Pyricularia grisea*.

Apply at 24-36 oz. (2-3 bags) per 6,000 sq. ft. when disease appears and continue at 10-14 day intervals. Use at 5-7 day intervals for severe disease.

HORTICULTURAL & NURSERY CROPS

Disease is prevalent, spray foliage with a suspension, containing 24 oz. (2 bags) per 100 gal. of water at weekly intervals, unless otherwise specified.

Downy Mildew (Oidium) on azaleas and rhododendrons, 12 oz. (1 bag) per 75 gal. on a 4 to 6 day interval is needed. For *Gymnosporangium* on Crabapple, use 24 oz. (2 bags) per 75 gal. at 2-week intervals. For rust on Juniper, use 36 oz. (3 bags) per 75 gal. at 7 to 10 day intervals.

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 overexposed in storage. This may cause chemical changes which will impair the fungicidal effectiveness of Duosan and may also generate flammable vapors.

Handle container carefully when stored at temperatures of less than 50°F to avoid breakage of inner water soluble bags.

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

PESTICIDE DISPOSAL: Pesticide, spray residue or clean water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL:

Do not reuse container. Dispose of empty container in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil or growing medium, the disease problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of the product are beyond the control of the seller or distributor at time of sale, storage, or handling of the material not in strict accordance with directions given hereon. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY. ADE Duosan is a registered trademark of Green-Serra Horticultural Products Co.

5. STEM & TWIG

BLIGHT

6. DOWNY MILDEW

7. POWDERY

MILDEW

8. SCAB

9. RUST

Fusarium, Rhizoctonia, Verticillium spp.
Pestalotia, Phoma,
Rhizoctonia spp.
Plasmopara viticola
Erysiphe alchoracorum,
Microspheera, Podospheera,
and *Sphaerotheca* spp.
Fusicladium and *Verticillium* spp.
Gymnosporangium
juniperovirginianae

NOTE: For LEAF SPOT, see LEAF BLIGHT

The following plants are subject to the diseases indicated (by number) and tolerate DUOSAN* at normal rates of application:

WOODY

Azalea (1,4)
Azalea (3,4)*
Basswood (1,4,5)
Camellia (3)
Cherry Laurel (4)
Crabapple (7,9)*
Crape Myrtle (7)
Dogwood (1)
Dracaena (4,5)
Fatsia (4)
Hawthorn (7,8)
Juniper (5,9)*
Lilac (7)
Philodendron (4)
Poinsettia (4)
Pyracantha (8)
Rhododendron (3)*
Rose (2,3,7)
Viburnum (6)

HERBACEOUS

African Marigold (3)
Aphelandra (4)
Aster (3)
Begonia (3,4)
Carnation (4)
Cactus (4,5)
Chrysanthemum (1,3)
Dahlia (3)
Dianthus (4)
Epidendrum (4)
Geranium (3)
Impatiens (3)
Kalanchoe (3,7)
Liriope (4,7)
Mondo Grass (1)
Pachysandra (4)
Petunia (1)
Petunia (4)
Petunia (3)
Philodendron (4)
Phlox (4,7)
Snapdragon (3)
Spathiphyllum (4,5)
Stocks (3,7)
Strelitzia (1)
Verbena (3,4)
Vinca (4)
Zinnia (4,7)

*See special instructions above.

Do not use on French Marigold or Gloriosa.

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