

INFOSHEET

DITHANE® RAINSHIELD® SPECIALTY FUNGICIDE



GOLF



LAWN



NURSERY



ORNAMENTAL

Dow AgroSciences

Dithane®

Rainshield®

Specialty Fungicide

Dithane® Rainshield® specialty fungicide is a unique broad-spectrum protectant fungicide that offers longer-lasting protection and better disease control than other fungicides in its class. It is recommended for use at nurseries, greenhouses, sod farms and other turf settings.

HOW DITHANE RAINSHIELD WORKS

By attacking many enzymatic sites in a nonselective manner, Dithane Rainshield prevents organisms from adapting and mutating. Because of this, fungal strains have not developed resistance to Dithane Rainshield in more than 30 years of use.

Once Dithane Rainshield touches the plant surface, moisture and oxygen actually promote redistribution, increasing the product's protective effects. Tests show that Rainshield technology enhances the ability of the active ingredient, mancozeb, to remain on the plant surface even after heavy rain or irrigation, or in the summertime when heat and humidity combine to create the heaviest disease pressure of the year.



WHAT IS RAINSHIELD TECHNOLOGY?

The mancozeb particles in Dithane Rainshield are small and refined, so more fungicide remains on the turf blades — allowing long-lasting, broad-spectrum disease control. Dow AgroSciences calls this smaller particle science “Rainshield technology.” Testing has shown that Rainshield technology allows better distribution of the active ingredient with fewer gaps in protection. This helps ensure more even and consistent coverage — even after heavy rain or irrigation. This means more Dithane® Rainshield® specialty fungicide remains on the plant surface for a longer time — for reliable disease control.

DISEASES CONTROLLED

Dithane Rainshield is labeled for a variety of fungal diseases often found on golf courses, sod farms and industrial or municipal turf areas, including:

- Brown patch
- Gray leaf spot
- Pythium blight
- Snow mold

Dithane Rainshield also is labeled for costly fungal diseases found at nurseries and greenhouses, including:

- Anthracnose
- Botrytis
- Leaf spot
- Petal, twig and fruit blights
- Rhizoctonia blight
- Rust
- Scab

TURF RECOMMENDATIONS

Turfgrass tolerance has been found to be acceptable; however, this product, and tank mixes with this product, have not been tested on all varieties of every turfgrass species, or under all possible growing conditions. Treated turfgrass should be maintained

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in a vigorous growing condition. Stressed turf will not respond to fungicide treatments as well as well-maintained turfgrass.

LANDSCAPE RECOMMENDATIONS

Dithane Rainshield is labeled for application to more than 100 species of outdoor- or greenhouse-grown ornamentals. It is not intended for use on fruit trees.

HOW TO APPLY

Turf professionals should start applications of Dithane Rainshield when grass greens up in spring or when disease first appears. The recommended label use rate is 4 ounces to 8 ounces per 1,000 square feet, applied in a sufficient amount of water to provide adequate coverage. For optimum results, repeat at seven- to 14-day intervals, or until threat of disease is past.

For ornamentals in a landscape or nursery setting, begin spraying Dithane® Rainshield® specialty fungicide when plants are well leafed out or at first sign of disease, in a full coverage spray at seven- to 10-day intervals. Ornamental plants treated with Dithane Rainshield should not be used for food or feed purposes.

TANK-MIXING

Dithane Rainshield is compatible with other commonly used fungicides and insecticides. When preparing tank mixes, users should consult spray compatibility charts or state extension service specialists prior to use.



If a user is unfamiliar with the performance of Dithane Rainshield or tank mixes, a limited area should be treated prior to initial large-scale applications.

KEY BENEFITS

- **Multisite enzyme inhibitor.** Helps manage disease resistance.
- **Long-lasting control.**
- **Versatile.** Ideal for turf, or outdoor- or greenhouse-grown ornamentals.
- **Convenient formulation.** Seventy-five percent dry flowable.
- **Rainshield technology.** Improves effectiveness under heaviest disease pressure conditions.
- **Tank-mix flexibility.** Compatible with other commonly used fungicides and insecticides.

ADDITIONAL INFORMATION

Contact the Customer Information Center at Dow AgroSciences via e-mail (info@dow.com), fax (800-905-7326) or phone (800-255-3726) for more information. Or contact your Dow AgroSciences sales representative.



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