
2014 BACKED by BAYER™ PROGRAM FOR FAIRY RING Bermudagrass Greens and Tees (Florida and Texas)

Fairy ring remains one of the more difficult turf diseases to control. The multiple basidiomycete fungi that cause fairy ring utilize high organic matter of turf (thatch) as their food source. The disease can occur at any time in the year, but fairy ring is most aggressive and disruptive on golf greens in summer.



Fairy ring (type 2) severely affecting a TifEagle ultradwarf bermudagrass golf green in August of 2013.

A Backed by Bayer™ Program for fairy ring will guarantee 100% successful control of this disease. Tartan® and ProStar® 70WG have a strong history of successful fairy ring control. ProStar 70WG is a basidiomycete specialist that is highly effective both preventively and curatively. Tartan has StressGard™ Formulation Technology which can improve turf color and density, and help mitigate stress.

Timing for fairy ring prevention is based on university research and begins in the spring when average soil temperatures at a 2 inch depth reach the 55-60°F range. In parts of Florida and Texas, soil temperatures may never fall below 55°F, in this case make the first fungicide application during the coldest part of the year (late-December to late-January). The 100% guarantee program protects turf with four applications prior to summer, with the first two applications a month apart and the second two applications 60 days apart.

For detailed and current information on fairy ring and the most effective means of control, refer to the Bayer Fairy Ring Solution Sheet and the Product Sheets on ProStar 70WG and Tartan. Bayer will guarantee the Backed by Bayer™ Program for Fairy Ring on greens and tees through August 31, 2014.

BACKED by BAYER™ Program for Fairy Ring

SOLUTION	RATE (per 1,000 sq ft)	APPLICATION INTERVAL
1 st application Tartan ¹	2 fl oz	start at 55-60° F soil temperature ³
2 nd application Tartan	2 fl oz	28 days after 1 st application
3 rd application ProStar 70WG ²	2.2 oz	60 days after 2 nd application ⁴
4 th application ProStar 70WG	2.2 oz	60 days after 3 rd application ⁴

¹Do not exceed 345 fl oz of Tartan/acre/year (8 fl oz/1000 sq ft/year).

²Apply no more than a combined total of 4.5 oz of ProStar 70WG per 1000 sq ft per year.

³Current Fairy Ring timing starts at 55-60° F (uses a 5 day average soil temperature at a 2 inch depth).

⁴Adjust ProStar 70WG timing earlier than 60 days if fairy ring symptoms appear.

Satisfaction Guarantee Program

Superior control of fairy ring is Backed by Bayer™. You will have confidence of fairy ring control from the spring until the end of August. If your Bayer Fairy Ring Program performance expectations are not met, just contact your Bayer distributor or Bayer area sales representative. Any disease break through by fairy ring that meets the program guidelines will be addressed with ProStar 70WG to affected areas.

Application Guidelines

Preventive Application Timing using Tartan

- Do not apply Tartan if day-time temperatures are above 80°F.
- Apply plant growth regulators (PGRs) separately and at least one week from Tartan applications.

Spray Volume and Watering In

Apply products using at least 2 gallons of water volume per 1,000 square feet with flat fan nozzles.

- Whenever possible, determine where fairy ring mycelium is active in the root zone profile.
- Water-in applications with 1/8 to 1/4 inch of irrigation if fairy ring is in the thatch or upper mat.
- Water-in applications with >1/4 inch of irrigation if fairy ring is in the lower mat or root zone.

Use of Wetting Agents

A wetting agent program should be utilized throughout the growing season as a standard practice.

- Hydrophobic conditions are caused by fairy ring mycelium. Tank-mixing of wetting agents is not recommended with Tartan applications. Wetting agents can be tank-mixed with ProStar 70WG.

Additional Benefits of the Backed by Bayer Program for Fairy Ring

- Tartan also provides control of dollar spot and leaf spot diseases in spring.
- ProStar 70WG also provides control of mini-ring disease, *Rhizoctonia zeae*, in summer.

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ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS CAREFULLY

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