



# Solution sheet

## Fairy Ring on Warm-Season Turf

### Golf Greens Program 2019

All states except Florida and Texas

#### Tartan® Stressgard®, Mirage® Stressgard and Prostar® 70 WG for Fairy Ring

Fairy ring remains one of the more difficult turf diseases to control. The disease can occur at any time of the year, but is most aggressive and disruptive on golf greens in summer.

The Bayer Fairy Ring Program guarantees successful control of this disease. Tartan Stressgard, Mirage Stressgard and Prostar 70 WG have a proven history of successful fairy ring control. Both Tartan and Mirage contain Stressgard Formulation Technology which improves turf color and density, and helps mitigate stress.

For detailed and current information on fairy ring, and the most effective means of control, refer to the Bayer Fairy Ring Solution Sheet.

#### Satisfaction Guarantee

Control of fairy ring will last from the first preventive spring application until the end of August, 2019. If your Bayer Fairy Ring Program performance expectations are not met, or if there is any disease breakthrough by fairy ring that meets the program guidelines, a Prostar treatment to affected areas will be provided. Just contact your Bayer Distributor or Bayer Area Sales Representative.

#### Bayer Program For Fairy Ring (all states except Florida and Texas)

Product	Use Rate (per 1,000 sq. ft.)	Application Instructions
Tartan Stressgard <sup>1</sup>	2 fl. oz.	1st app. (55-60°F soil temperature) <sup>4</sup>
Tartan Stressgard <sup>1</sup>	2 fl. oz.	2nd app. (28 days later)
Prostar 70 WG <sup>2</sup>	2.2 oz.	3rd app. (28 days later)
Mirage Stressgard <sup>3</sup>	1 fl. oz.	4th app. (28 days later)

<sup>1</sup> Do not exceed 345 fl. oz. of Tartan/acre/year (8 fl. oz./1,000 sq. ft./year). Do not make more than three sequential applications.

<sup>2</sup> Do not exceed more than 9 oz. of Prostar/1,000 sq. ft./year. Please see the label for updated information. Not labeled for use in Nassau & Suffolk Counties of NY State

<sup>3</sup> Do not apply more than 6.5 oz./1,000 sq. ft./year. Do not exceed three 1fl oz. applications in NY state.

<sup>4</sup> Fairy ring timing for turfgrass starts in spring by using a 5-day average soil temperature. Research at North Carolina State University showed 1st preventive DMI-fungicide application at soil temperatures of 55 or 60°F resulted in fairy ring control.

## Application Tips

// All states except Texas and Florida – Use a 55-60°F soil temperature for 1st preventive application.

// Depth to water-in – Determine where fairy ring mycelium is active in the root zone profile.

// Wetting agents – Tank-mixing of wetting agents is not recommended with Tartan Stressgard or Mirage Stressgard applications, but wetting agents can be tank-mixed with Prostar 70 WG.

// Fungicide rates – Mirage Stressgard should only be used at 1 fl. oz. rate on bermudagrass greens.

// Additional disease control – The program also aids control of take-all root rot in the spring, and leaf and sheath spot (*Rhizoctonia zeae*) during the summer.



Type 1 Fairy Ring – Bermudagrass Green. (Bayer)



Type 2 Fairy Ring – Bermudagrass Green. (Bayer)



Sampling Ring Edge to Find Depth of Activity. (Bayer)



Puff Ball Associated with Fairy Ring on a Green. (Bayer)



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