

2014 BAYER PREVENTIVE PROGRAM FOR FAIRY RING CONTROL Cool Season Greens, Tees and Fairways

Bayer will guarantee preventive control of fairy ring using Bayleton® FLO, Bayleton 50WSP, Tartan®, Chipco Triton® FLO or ProStar® 70WG in a prescribed seasonal program through August 31, 2014.

Fairy ring remains one of the more difficult turf diseases to control and can occur at any time during the year, and can be most damaging in the summer when hydrophobic layers develop and kill turf. Spring preventive applications using Bayer Solutions are a key to successful fairy ring control.



Fairy ring (type 2) affecting a 50/50 *Poa annua*/Penncross creeping bentgrass golf green during summer.

Bayleton FLO, Bayleton 50WSP, Tartan and Chipco Triton FLO are DMI fungicides that show consistent effectiveness against fairy ring when used preventively. ProStar® 70WG is a basidiomycete specialist that is highly effective both preventively and curatively.

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 for five consecutive days (without an automatic weather station, 11 am is the best time to estimate average daily soil temperature).

BAYER SOLUTIONS: RATES PER 1,000 SQ FT AND TIMINGS ¹					
1 st application (55-60°F soil T)	1.0-1.5 oz Bayleton FLO or WSP	or	2 fl oz Tartan	or	0.75 fl oz Chipco Triton FLO ²
2 nd application 28 days later	1.0-1.5 oz Bayleton FLO or WSP	or	2 fl oz Tartan	or	0.75 fl oz Chipco Triton FLO
3 rd application 60 days later ³	2.2 oz ProStar 70WG				

¹See product labels for additional information and application instructions. ²Chipco Triton FLO is not for use in New York. ³Apply earlier if symptoms begin to develop before the 60 day application interval.

Choosing the Right DMI Solution for Fairy Ring

Solution	StressGard Formulation Technology	Best for Additional Control of ¹
Bayleton FLO or WSP	no	dollar spot
Tartan	yes	dollar spot, brown patch, take-all patch
Chipco Triton FLO ²	yes	anthracnose, brown ring patch, summer patch

¹Bayer Solutions provide added control of these spring diseases when applied as part of a preventive fairy ring program; see product labels for the full list of diseases controlled and product use instructions. ²Chipco Triton FLO is not for use in New York.

Satisfaction Guarantee Program

The Bayer preventive fairy ring program protects turf with three applications prior to summer, with the first two applications a month apart and the third application 60 days later. You will have confidence in your fairy ring control from spring through the end of August 2014. If your Bayer Fairy Ring Program performance expectations are not met, just contact your Bayer distributor or Bayer area sales manager. 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 when using PGRs

- Apply plant growth regulators (PGRs) separately and at least one week from DMI 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.
- Additional watering-in is needed if the fairy ring is in the soil

Use of Wetting Agents

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

- Hydrophobic soil conditions are caused by fairy ring mycelium; wetting agents should be used in a seasonal program to reduce disease symptoms.
- Tank-mixing of wetting agents with Bayleton FLO, Bayleton 50WSP, Tartan or Chipco Triton FLO is not recommended; apply wetting agents separately from these fungicides.
- Wetting agents can be tank-mixed with ProStar 70WG.

Reapplication of Fungicides

Under extreme weather conditions, such as extended heavy rains, an additional application of fungicide may be needed. Please contact your local Bayer area sales manager for recommendations for modifying the program under extreme conditions.

BACKED by BAYER™

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS CAREFULLY

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