

CASCADE PLUS™

OPTIMIZING FUNGICIDE PERFORMANCE ON LYCOPERDON FAIRY RING WITH CASCADE PLUS

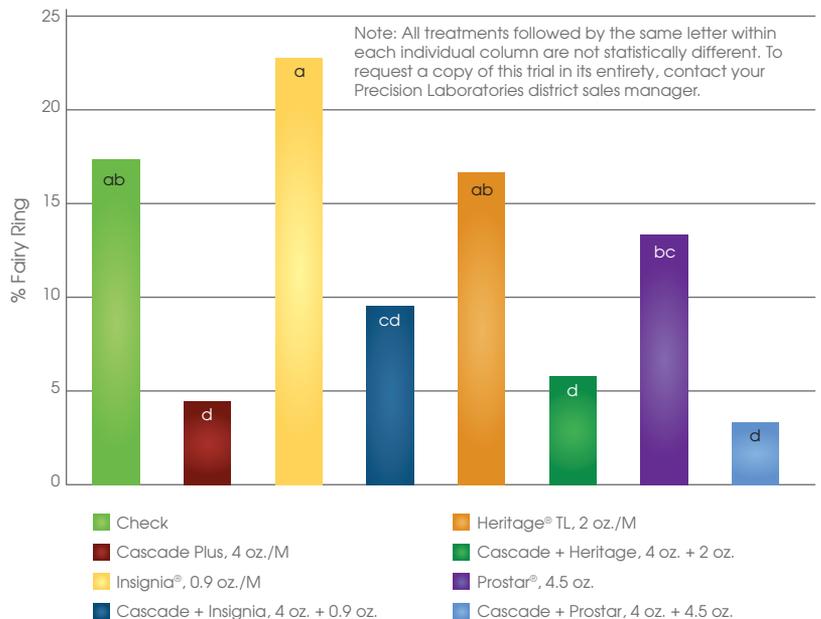
TRIAL COMMENTS—DR. BRUCE MARTIN, PEE DEE RESEARCH CENTER, FLORENCE, SC

The trial was conducted on TiffEagle® and Miniverde® Bermuda grass for the control of Lycoperdon (spp.) Fairy Ring. All treatments were applied in 4 gallons of spray solution per 1,000 sq. ft. Treatments were watered in with 0.25 inches of irrigation. There was little phytotoxicity associated with the Cascade Plus™ treatments or any of the combinations containing Cascade Plus with fungicides. The September 13 rating showed the best discrimination of the treatments. By September 26, all plots were healed sufficiently and treatments could not be discriminated. Applications were made on August 12 and September 7.

OBSERVATIONS

- Controlling Fairy Ring is difficult because the soil becomes impervious to water.
- Fungicides must penetrate the thatch and move into the soil to achieve satisfactory disease control.
- This trial shows that tank mixing Cascade Plus with a fungicide can improve the efficacy of the fungicide against Lycoperdon Fairy Ring.

Lycoperdon Fairy Ring
Dr. Bruce Martin, Clemson University
September 13, 2005



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