



Photos by M. Fidanza

Treating Fairy Ring with Fungicides, New Soil Surfactant

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Objective

Determine the performance of four fungicides applied with and without a surfactant for control of fairy ring symptoms.

Summary

Fairy ring has become a persistent problem and an unsightly nuisance on golf course turfgrass. Type I fairy ring symptoms include wilted, necrotic or dead turfgrass appearing in rings or arcs. Fairy ring control measures are inconsistent.

Field trials were conducted on turfgrass stands with Type I and II fairy ring symptoms in California, Pennsylvania, and South Carolina. The turfgrass was treated with four fungicides applied with and without a surfactant.

Results

- At all three locations, the tank-mix of the fungicide and the surfactant consistently reduced fairy ring symptoms.
- Applying any of the tested fungicides in 4 gallons of water carrier rather than 2 gallons reduced fairy ring symptoms. However, applying a tank-mix of any of the tested fungicides plus the surfactant in either 2 or 4 gallons of water carrier produced a similar reduction in fairy ring symptoms.



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