

## Fairy Ring



**Host:** all grasses

**Environmental Conditions:** Fairy ring is most severe on soil with light texture, low fertility and insufficient moisture. The fungus lives off of decomposing organic litter.

**Symptoms:** Fungus growth begins in soil or thatch and grows outward, creating arcs or rings of darker green or faster growing grass. There is sometimes a concentric ring of dormant or dead grass inside or outside the ring of lush growth. After rain or irrigation in late summer, mushrooms often develop.

There are three types of fairy ring. Type one is characterized by a zone of dead grass with one or two zones of darker green stimulated grass and fruiting bodies. Type two is a single ring of darker green stimulated grass and fruiting bodies. Type three is a circular arrangement of fruiting bodies with no visible effect on grass growth.

Pictures: <http://pubs.caes.uga.edu/caespubs/pubcd/B1233.htm#FairyRings>

Text: Compendium of Turfgrass Diseases by Richard Smiley, Peter Dernoeden, and Bruce Clarke; Dr. Wakar Uddin, Penn State University

### **For more information and control options:**

Purdue University – Turfgrass Disease Profiles: Fairy Ring

<http://www.ces.purdue.edu/extmedia/BP/BP-113-W.pdf>

University of California – Fairy Ring

<http://www.ipm.ucdavis.edu/PMG/r785100411.html>

University of Missouri – Fairy Ring

<http://extension.missouri.edu/explore/agguides/pests/ipm1029fairy.htm>

Alabama Cooperative Extension – Fairy Ring: Control on Warm Season Turfgrasses

<http://www.aces.edu/pubs/docs/A/ANR-0372/>