

2001

NF01-468 Turf Disease Fact Sheet No. 8: Management Program for Powdery Mildew

John E. Watkins

University of Nebraska--Lincoln, jwatkins1@unl.edu

Follow this and additional works at: <http://digitalcommons.unl.edu/extensionhist>



Part of the [Agriculture Commons](#), and the [Curriculum and Instruction Commons](#)

Watkins, John E., "NF01-468 Turf Disease Fact Sheet No. 8: Management Program for Powdery Mildew" (2001). *Historical Materials from University of Nebraska-Lincoln Extension*. 905.

<http://digitalcommons.unl.edu/extensionhist/905>

This Article is brought to you for free and open access by the Extension at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Historical Materials from University of Nebraska-Lincoln Extension by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

Turf Disease Fact Sheet No. 8 Management Program for Powdery Mildew

by John E. Watkins, Extension Plant Pathologist

Cause, Hosts and Occurrence

Powdery Mildew: Cause: *Erysiphe graminis*
 Primary hosts: Kentucky bluegrass
 Occurrence: May - June; August - October

Key Symptoms

- Grayish white cast to the turf.
- Individual leaf blades look as though they were dusted with flour or lime.

Cultural/Maintenance Practices

- Prune shade trees to increase light penetration to the turf area.
- Remove or thin surrounding vegetation to improve air movement and lower humidity in the grass canopy.
- Reseed shaded areas with a mixture of mildew-resistant, improved Kentucky bluegrass cultivars and shade-tolerant fine-leaved fescues.

Fungicide Program

- Apply one or two fungicide treatments to affected areas in spring, late summer, or autumn.

Products reported to provide fair to excellent control of powdery mildew include:

Commercial Products

<i>Active ingredient(s)</i>	<i>Product name(s)</i>
fenarimol	Rubigan
myclobutanil	Eagle
propiconazole	Banner MAXX
triadimefon	Accost, Bayleton, Lesco Granular Turf Fungicide

Home Lawn Products

propiconazole	ferti-lome Liquid Systemic Fungicide
triadimefon	Green Light Fung-Away Systemic Lawn Spray, Bonide Lawn Fungicide with Bayleton

Fungicides listed represent the best information available. No criticism is intended of products not listed, nor is endorsement by the University of Nebraska given to those listed. Read and follow all product label directions for mixing and application

***File NF01-468 under PLANT DISEASES
F-9, Turf
Issued April 2001***

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Elbert C. Dickey, Dean and Director of Cooperative Extension, University of Nebraska, Institute of Agriculture and Natural Resources.

University of Nebraska Cooperative Extension educational programs abide with the non-discrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture.