

*Gaeumannomyces graminis* is an ectotrophic root parasite which is very closely related to *Magnaporthe poae* and other fungi with *Phialophora* conidial stages that cause summer patch of bluegrasses. Take-all patch first appears as 4-8 inch or larger circles of turf which wilt under heat stress. Plants in affected patches are stunted and leaves turn grey to yellow to brown, which gives the patch a grayish-brown color not unlike the scalping injury previously discussed. Plant roots are sometimes visibly rotted, especially at later stages of disease development.

Take-all patch is fairly new to Illinois, but is frequently found in New England and the Pacific Northwest. So far, this disease has proved very difficult to control (as with summer patch), probably because the fungi inhabit the soil and plant roots in or below the thatch layer. Even the best fungicides are not very effective when drenched into the rootzone on a curative basis. Future research will center on methods to control this disease, including timing of preventative fungicide treatments, use of acidifying fertilizers, and addition of antagonistic bacteria to soil.

## Western Open Pictures

by Tim Kelly



Day 1 — Oscar Miles, Rich Davis, Bob Padula, & Tim Kelly



Day 2 — Tim Kelly, Penny Meyer, Dave Meyer, Dave Blomquist, John Gurke, Tony Meyer



Day 2 — Tony Meyer, Oscar Miles, Sam DiGiovanni (President WGA), Dave Meyer, (President MAGCS), Don Johnson (Ex-Director WGA), Jack Shea, Green Chairman of Butler National. Dave Meyer is presenting a check to Mr. DiGiovanni.



Day 2 — Larry Castle presents a \$1,000.00 check to MAGCS President, Dave Meyer, with Oscar Miles, looking on.



Day 3 — Tim Kelly, Jim Foster, Harry Laovero, Keith Johnson



Day 4 — Jim & Lois Latham, Al Fierst, John Turner, Dan Hill, Dave Schlagetter, Bob Patterson, & Pam Turner

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LANDSCAPE, AND TRIAL GARDEN FIELD DAY!

August 16, 1989

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Landscape, and Trial Garden Field Day  
Current Field Research and Demonstrations

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Weed, Insect, and  
Disease Management  
Plant Growth Regulators  
Alternative Turfgrasses  
Fertility Studies

### NURSERY—LANDSCAPE

Herbicide Management  
Ornamental Grasses  
Landscape Plant Selection  
Landscape Roses  
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### TRIAL GARDEN

Latest Bedding Plant  
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PLANT PROBLEM DIAGNOSIS—Bring Samples for Examination  
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