



IDENTIFY THE PROBLEM

PROBLEM A: Circles in turfgrass

Turfgrass area: Fairway
Location: Southern California
Grass variety: GN-1 bermudagrass
overseeded with perennial ryegrass



Photo A



Photo B

PROBLEM B: Brown rough

Turfgrass area: Fairway
Location: Calgary, Alberta, Canada
Grass variety: Kentucky bluegrass

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PHOTO A: The circles were caused by a sulfonylurea (SU) herbicide being applied to a GN-1 bermudagrass fairway. The fairway had been

overseeded in the fall with perennial ryegrass. During the spring transition period, the SU herbicide was applied to remove the ryegrass. When the sprayer was turned off, it continued to drip some material, resulting in bare spots in the bermudagrass base. This not only shows the effectiveness of the material to remove overseeded ryegrass, but also illustrates the problems that can occur when sprayers are not maintained properly.

Photo courtesy of Sowmya (Shoumo) Mitra, Ph.D., California State Polytechnic University, Pomona, Calif.



PHOTO B: The brown rough is a result of snow mold. The nice green fairway was protected with a fall preventive fungicide (PCNB) treatment, and the rough was not sprayed. In this part of Canada, winters are usually cold, but snow cover is usually short-lived due to the frequent warm winter winds called Chinooks. However, the winter of 2003-2004 produced more than 100 days of continuous snow cover, with the first snow falling at the end of October. This picture was taken in April

2004 after winter snow cover had melted. Most of the damage was a result of gray snow mold (*Typhula* spp.), and some areas also were affected by pink snow mold (*Microdochium nivale* = *Fusarium nivale*). The winter of 2003-2004 was excellent proof of the old adage that an ounce of prevention is worth a pound of cure. Fall fungicide treatments ensure optimal spring turf quality with very little snow mold damage.

Photo taken by six-year GCSAA member Mitch Jacques, superintendent at Glencoe G&CC, Calgary, Alberta, Canada, and submitted by Jon Groves, Glencoe G&CC's environmental manager.

If you would like to submit a photograph for "John Mascaro's Photo Quiz," please send it to John Mascaro, 3669 N.W. 124th Ave., Coral Springs, FL 33065, or e-mail to john@turf-tec.com. If your photograph is selected, you will receive full credit. All photos submitted will become property of Golf Course Management and GCSAA.

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