

Winter Woes—

(Continued from Front Cover)

Removing the ice from greens during December or January did not seem to prevent winterkill. Several superintendents broke up or removed ice from greens during December and January and severe injury still occurred on the putting surface. The injury to turf on greens was not always limited to poorly drained or high traffic areas dominated by *Poa annua*. The injury seen on greens at some visits in May was so extensive that a fair amount of bentgrass must have been killed as well.

According to many superintendents, clearing the snow from greens just before or during the first significant period of warmer weather in March did help prevent melting water from backing up on the turf and re-freezing at night. Clearing the snow from around the greens to give the water, from melting ice and snow, a clear path off the putting surfaces also seemed to produce positive results.

Without a doubt, covers helped prevent winterkill in 1997. The excelsior mats appeared to provide a bit more protection than the fabric types of covers. There were no reports of significant injury to turf on greens at courses that covered greens. On some courses that covered only a few of the greens, the covered greens entered the

spring in good to excellent condition while the uncovered greens usually sustained serious winterkill. There was at least one notable exception where a course that usually covers greens did not cover last winter and did not experience injury.

Unfortunately, cool weather this spring and many hard frosts during May have slowed down the rate of turfgrass recovery. Plastic sheeting and geotextile fabric covers have been used to raise soil temperatures on overseeded greens to encourage faster seed germination. Overseeding tools such as the Verti-Seed and Job Saver resulted in faster germination due to better seed-to-soil contact than verticutting and broadcast seeding operations. Pre-germinating bentgrass seed by repeatedly soaking then drying the seed while changing the water between soakings has produced good results in the past and should be considered whenever the soil temperatures are low. Pre-germinating seed, though, is a time-consuming task best suited for repairing relatively small areas of damage because the seed must be sown by hand or with a drop spreader.

If there is a positive side to the widespread winterkill, it perhaps emphasizes the importance of several basic turfgrass management principles to the golfers. It reminds us all that standard maintenance practices

that give the competitive edge to bentgrass over *Poa annua* such as aeration, keeping the playing surfaces on the dry side, overseeding and improving surface/subsurface drainage in wet areas are necessary to reduce the risk of winterkill in the future.

Winter Disease—

(Continued from Page 5)

present time I do not expect to find resistant strains, but will try.

A survey of golf winter programs is being done by the MGCSA and when those results are available we should again review programs to determine what works and what did not. While I did not have plots this past year, reports from Michigan and Wisconsin are consistent in that many have had failures. The year was not good for winter disease control. I expect more will be learned in the next several months.

Recognizing Distinguished Service

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Nominations for GCSAA's prestigious Distinguished Service Award (DSA) are being accepted through Sept. 1 for the 1998 DSA. The award will be presented at the Opening Session of the 69th International Golf Course Conference and Show next February in Anaheim, Calif.

Individuals who received a GCSAA Distinguished Service Award within the past 10 years are ineligible.

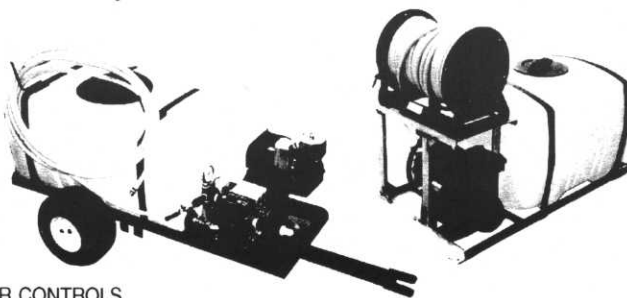
1997 DSA recipients were past president Gerald F. Faubel, CGCS; Joseph Vargas Jr., Ph.D.; and Coleman Y. Ward, Ph.D.

Nominations must be submitted to the board of directors on official DSA nomination forms. Members and chapter leaders may obtain an official form by contacting the executive management department at 913/832-3617, or execmail@gcsaa.org.

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