## Minnesota Superintendent Receives GCSAA Certification

James Johnson, superintendent of Rich-Spring Golf Club, has been designated a Certified Golf Course Superintendent (CGCS) by the Golf Course Superintendents Association of America (GCSAA).

Johnson has been superintendent of the Cold Spring, Minn., course since 1989.

To become certified, a candidate must have five years experience as a golf course superintendent, be employed in that capacity and meet specific educational requirements of college credit or continuing education units. The candidate must then pass a rigorous six-hour examination covering knowledge of GCSAA and its certification program; the rules of golf; turfgrass management; pest management, safety and compliance, and financial and organizational management. Also, an on-site inspection of Johnson's golf course operation was conducted by two currently certified superintendents: Kerry Glader, CGCS, of North Star Turf, St. Paul, and Doug Veillette, CGCS, of Little Falls Country Club, Little Falls.

GCSAA, a 13,600-member international professional and educational association, instituted the certification program in 1971 to recognize outstanding and progressive superintendents. More than 1,300 active GCSAA members currently hold "CGCS" status.

## Grasses — (Continued from Page 19)



spring growth is delayed and the plants are unattractive late into the growing season. Manual trimming with a string or electric hedge trimmer works well for a few plants. Large areas can be burned, if burning is permitted and closely supervised.

Established ornamental grassess rarely need fertilization or irrigation, except in cases of extreme drought or very sandy soil. Most grasses prefer full sun.

Because two of the most widely grown ornamental grasses (ribbongrass and Chinese silvergrass) have invasive rhizomes, a **false assumption** is that all grasses have rhizomes. The few grasses that have creeping rhizomes are listed in Table 4, all others form dense clumps and do not become troublesome. Invasive rhizomes can be a desirable asset for areas where ground covers are desired or to control erosion on slopes and along lakeshores.

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