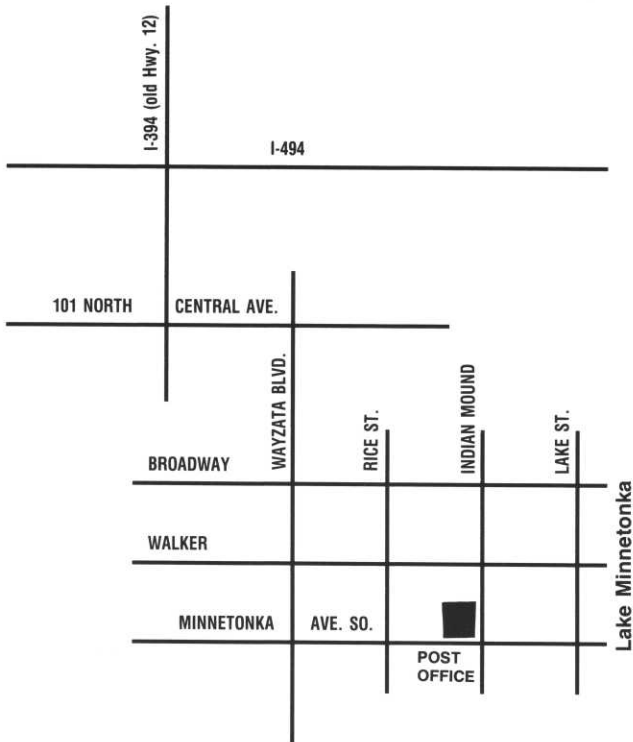


## HOW TO GET TO THE MGCSA OFFICE



- From I-494, go west on Highway 12 to Highway 101 North (Central Avenue).
- At the stoplights on this exit ramp, turn left, go approximately one-third mile to the stoplights on Wayzata Boulevard.
- Turn right, go west on Wayzata Boulevard.
- After the first set of stoplights on Broadway, proceed two more blocks west to Minnetonka Avenue South.
- Turn left on Minnetonka Avenue; go south two blocks toward Lake Minnetonka.
- Turtnen Communications is located on the second floor of the office building at 240 Minnetonka Ave. South, on the northeast corner of Minnetonka and Indian Mound Street, right across from the Wayzata Post Office.

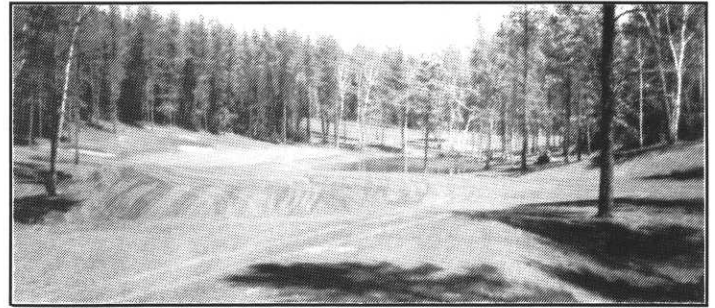
### Publication Update

The publication *Prairie Communities* recently has been revised and is now available from most County Extension offices. This is a ready reference publication about native prairie plants found across the state and serves as a valuable resource for making the proper plant material selections when developing a prairie area.

### McMullen Leads MTF

Fritz McMullen, CGCS, Forest Lake CC, Bloomfield Hills, Mich., has been chosen by Michigan Turfgrass Foundation board members to lead the foundation. Meeting during the recent Michigan Turfgrass Conference, board members unanimously elected McMullen as its new president. He succeeds Kurt Thuemmel.

McMullen's initial priorities include the establishment of a golf course mechanics school at MSU and the appointment of an environmental turfgrass specialist.



Approaching the 12th green at The Pines

## 'Every Hole Is An Adventure'

(Continued from Page 11)

"There isn't a bad hole on the course, and I truly believe we have the best set of four par threes in the state," he said. "The yardages are perfect, and the course has good balance with the four par fives and the par threes.

"The doglegs also are balanced, and you have both long and medium par fours," he said. "We have super finishing holes, which will be great for the championship tournaments we already have coming in 1991, the greens really are interesting and the beautiful variety of trees come into play on each hole. Bunkers also have been placed strategically."

**Fred's favorite hole is No. 7**, which he describes as "perhaps the finest and prettiest par 3 in the state."

"It can play anywhere from 100 to 169 yards, but requires a very accurate shot to evade a menacing pond on the left and a high bank and sand traps on the right. The two-level, elongated green is set into the base of an amphitheater of majestic Norway pines, which offer a sensational view."

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# The Elms Are Not Lost Forever

By D. W. French

Department of Plant Pathology  
University of Minnesota

Dutch elm disease, as most people realize, killed a large portion of the elms in Minnesota.

Currently people have given up on the elm, yet this tree species will survive and continue to serve us if we are willing to provide the opportunity to a relatively small number of diseased trees each year. More important, many large elms are still shading our streets and yards. As long as we remove dead and dying elms as they appear, we can keep this disease to a low level.

We now realize that it was foolish to rely almost exclusively on the elm as our street tree. Almost 100 percent of the street trees were elms. Now we are planting a variety of trees and, never again, will we have a single tree species throughout the cities.

People must realize that whatever tree species is chosen, there are problems occasionally with that species. The oaks are probably our most valuable shade trees, we have no intention of giving in to oak wilt and are optimistic that this disease, related to DED, can be reduced to a low level.

Obviously it would be unwise to plant large numbers of elms, yet the elm has excellent credentials in many ways. If a community is surrounded by wild elm where DED remains highly active, then elm would not be a wise choice. If not surrounded by dying elms, this species should be considered along with the many other choices available.

Another option to the American or red elm would be considered the recently developed resistant elms. We are not suggesting Siberian or Chinese elms, as these trees, even though resistant to DED, are subject to winter injury and are not attractive trees. It would be best to avoid these two species completely.

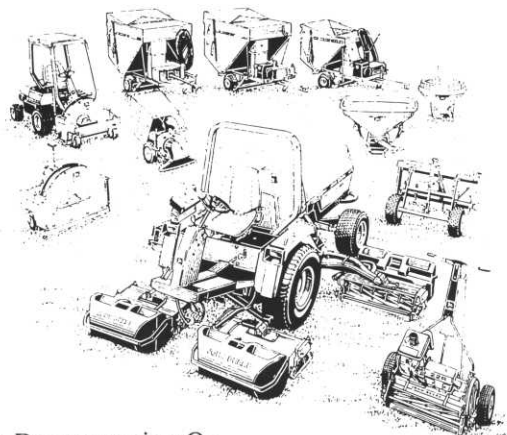
The University of Wisconsin, specifically Drs. E.B. Smalley and R.P. Guires, have developed some elms which have resistance to DED and good to excellent form. Their trees have been evaluated and selected for resistance to other common diseases of the elms. Their recommended selections included *Regal Elm*, which has a columnar form, high degree of resistance to DED and vigorous growth habit. This tree has a dominant center leader. This tree needs pruning at times but should be excellent along streets.

In 1990 *New Horizon* was released. This tree has a dense crown and grows well. It is an attractive tree, is resistant to other diseases in addition to DED and is tolerant to harsh sites. This tree has excellent resistance to DED.

The *American Liberty* represents a group of elms produced by the Wisconsin breeding program and is a diverse multi-cone with similar phenotypes. These elms are vigorous growers and similar in form to the American elm. They have good resistance to DED, the best among American elms. When young, they are more susceptible and may die; however, over longer periods of time they will usually survive.

One nursery where these elms are available is the McKay Nursery Company in Waterloo, Wis. 53594.

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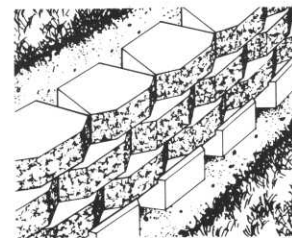
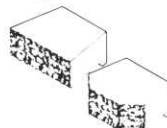
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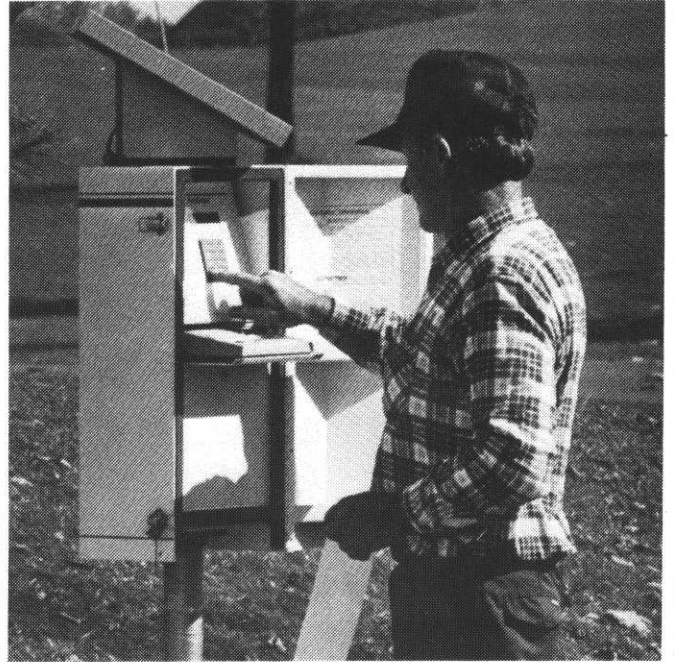
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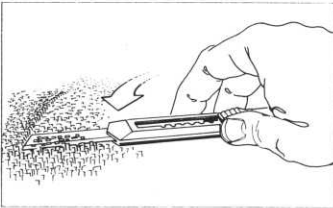
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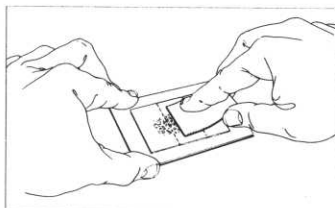
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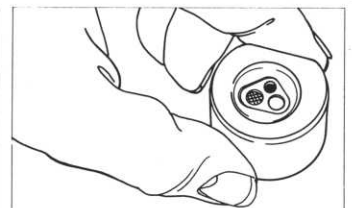
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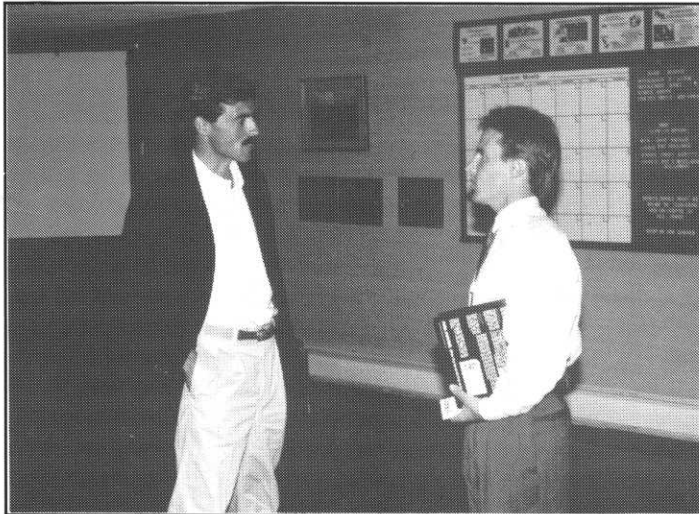
## Dale Wysocki's Camera at Oak Glen



**HOST SUPERINTENDENT** at Oak Glen was Pete Mogren, second from left, pictured with Pat Mogren, left, Roger Juarie, second from right, and Jerry Klein.



**REPRESENTING NORTH STAR TURF** at the Oak Glen meeting were, from left, Scott Liestman, Jerry Odash, Bill Rishworth, Gordy Miller, Jeff Churchill and Dan Miller.



**NEW INTERLACHEN SUPERINTENDENT** John Katterheinrich, left, chats with Steve "Sunny" Haus, KARE-TV (Ch. 11) weatherman, who spoke at the May session.



**NEW MGCSA MEMBERS**, from left, are Dean Rinkin, Avid Neus and Craig Sell, all of Rochester Country Club.



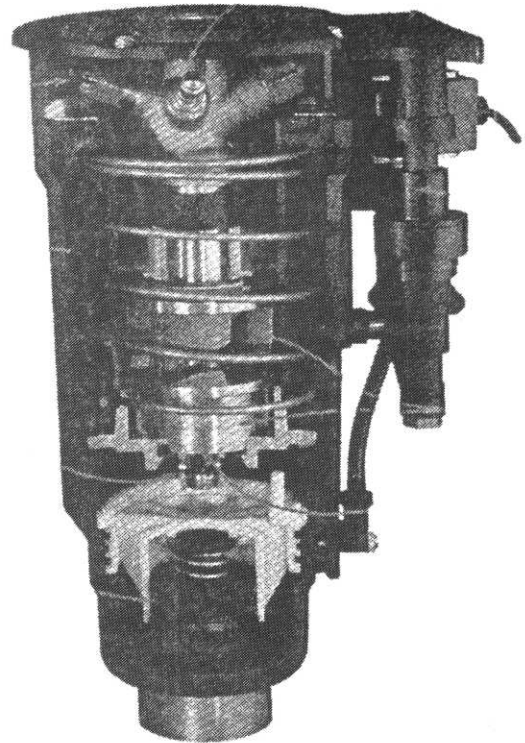
**PAUSING A MOMENT** before putting is Dick Grundstrom, GCSAA, Indian Hills superintendent.



**DID SUNNY HAUS**, KARE-TV (Ch. 11) weatherman, say it was going to rain?

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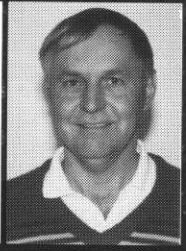


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## EDITOR'S CORNER

By Bill Johnson  
Edina Country Club



As editor of *Hole Notes*, I often wonder what our membership really likes to read. I know the stories I find interesting or informative or amusing, and I think what attracts my attention possibly does the same for other superintendents in our area.

But I really can't be certain.

For the past few months, while seeking to achieve a reasonable balance between advertising and editorial material, we also have attempted to provide a reasonable balance between local and educational articles with national articles of interest.

**I'm sure that we all like to read about what Minnesota superintendents are doing** that's new or innovative or interesting because of the way they're doing it. Along these lines, we encourage you to send in stories or information about your operation.

Now if you, like me, find time at a real premium during the summer or are not particularly inclined to writing, take note: Turtinen Communications has a simple, easy-to-follow questionnaire to provide the necessary information. In short, it's like being interviewed—but answering the questions by mail. Just call or write Jeff, Scott or Ralph Turtinen, and they'll send you a form promptly.

I also am sure we want to be informed about upcoming events, to get association updates from our president in his Page 3 message, to learn about new members or new job placements and to get the personal news often found in Green Clippings, which I understand is very well read.

**But I'm curious to know** what type of educational stories you prefer. For example, in recent publications, we have had reports on new fuel tank programs, storage facility suggestions, underground storage tanks, environmental programs, groundwater, turf management, hazardous chemicals, EPCRA, compliance with pesticide regulations, estimating turfgrass water and water conservation.

I've learned something from all of these, and I hope you have, too. But more important than what I think is what *you* think or want in the way of stories in your publication. The next time our paths cross, let me know. . . or call . . . or drop a note. I'm really interested, because *Hole Notes* is in existence primarily to serve *you*, our member.

—Bill Johnson, MGCSA

P.S. Speaking of finding time during this busy summer, I hope you can squeeze in a few moments to get your game in shape for our annual MGCSA Championship August 13 at Hazeltine.

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Mike Kasprovicz, Superintendent, Village Green,  
to Superintendent, Moorhead Country Club.

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