accordingly. July brings to us in Mankato our annual Loren Krugel Golf Invitational Tournament. Mankato really hummed on the weekend of July 8-9-10. Mankato has its annual "Bend of the River" celebration, complete with dancing, parade, picnics and all around general party feeling. North Mankato has its "Fun Days" with a midway and all its frolics. And the Mankato Golf Club hosts the tournament. Needless, to say, hotels and motels were full and lots of people were on hand. The weather was perfect mid to upper 90's - fairly low humidity - what more could one ask for?

Our course was in perhaps its best condition ever. Many of our newly planted trees from the past few years are starting to fill that void left by the loss of several hundred elms. The recently decorated clubhouse lawn area is starting to draw favorable comments. Our greens were smooth and fast, the rough was challenging, and tees and fairways looked great. All in all, a super weekend.

July also brings us the annual picnic, hosted this year by the illustrious and enterprising Steven Young and the Baker Park Golf and Park facility. Once again, a beautiful day with lots of sunshine. This outing has really grown in popularity over the years. For many years, Milt and John Wiley and their charming wives hosted this picnic. We have all really appreciated their efforts and time. But when they started this, there were only a few people there. This thing has grown from a dozen or two people to well over a hundred. I'm sure that Milt and John would like to be reminded of their efforts. Thank them if you see them. Largely through their efforts has this picnic become the super event that it is.

July also brought the U.S.G.A. Senior Open at Hazeltine. I was up there with virtually my entire crew and I know many of you were there. Chris Hague did a super job in his short tenure at Hazeltine and the golf course was in really super condition.

July also brought a note of dismay for many of us. Having learned that Leif Erickson of Austin will be moving to Montana means not only a loss of a really professionally minded superintendent but it also means a loss to our Board of Directors. Leif was just elected at our last annual meeting. His input into the meetings has been most helpful. He and Jim Wodash have been working hard on the upcoming annual conference. Leif will be missed. Our loss is Billings' gain. Much good fortune and success to a super guy.

So you see, July is quite a month. What happened in your part of the state? We have some good articles coming up. The cooperation in the past has been excellent. Many thanks to all the contributors..both past and upcoming. Have a good summer. Hope to see many of you at North Oaks on the 15th.

## M.G.C.S.A. RESEARCH UPDATE WHAT'S GOING ON?

by DON LINDBLAD & MARK SMITH CO-CHAIRMEN M.G.C.S.A. RESEARCH COMMITTEE

Just because you have not heard much about the M.G.C.S.A. Research Committee does not mean they have been inactive. The larger Research Steering Committee composed of Garold Murphy, Russ Adams, Roger Kisch, Larry Mueller, Keith Scott, John Nylund, Don Lindlbad and Mark Smith has held periodic meetings in order to best allocate monies donated by your golf courses into productive turfgrass research programs.

That may sound great, but what have they actually done? Well, in May we allocated \$3,000.00 to Penn State University to help fund Dr. Duich's project, "Effect of Management Factors on Putting Green Speed". A letter of appreciation from Starling, Head of the James L. Department of Agronomy, reads as follows: "On behalf of the Department of Agronomy and Joe Duich, I want to appreciation the express our to Minnesota Golf Course Superintendents' Association for the \$3,000.00 contributed in support of our research on putting green speed. Your interest in and support of our program is greatly appreciated. We are very proud of our research here at Penn State on turfgrass and you can feel confident that your funds will go for a good cause."

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We are presently in the planning stages of a project which will result in the installation of an experimental putting green at the University of Minnesota Golf Course. This green will utilize plots of different topmixes in order to performance evaluate their under M.G.C.S.A. traffic. is collaborating with the University of Minnesota on this project. In the near future we will be evaluating research proposals dealing with stress management of Poa annua.

We would like to sincerely thank all clubs and individuals who have donated to the M.G.C.S.A. Research Fund. You can rest assured that great care is taken in the expenditure of these funds so that all projects funded will yield benefits to member golf courses.

If you have any further questions or ideas about the M.G.C.S.A. Research Program, please contact Don or Mark. The following have contributed to the 1983 RESEARCH FUND: White Bear Yacht Cottonwood Country Club. Club. Eshquaguma Club, Wayzata Country Club, Edina Country Club, Minnesota Valley Club, Minnehaha Country Club, Loon Lake Golf Club, Olympic Hills Golf Club, Minikahda Club, Majestic Oaks Golf Club, Windom Country Club, Interlachen Country Club, Brookings Country Club, Interlaken Golf Club, Forest Hills Golf Club, Dellwood Hills Golf Club, Mankato Golf Club. Whitefish Golf Club, Owatonna Country Club, Golden Valley Country Club. New Richmond Golf Club. Indian Hills Golf Club, Somerset Country Club, Woodhill Country Club, Mr.and Mrs. Ralph Haefner, Lafayette Club, Lakeview Golf of Orono, Northland Country Club, Town and Country Club, Hazeltine National Golf Club, Willmar Golf Club, Cloquet Country Club, Detroit Country Club, Rum River Golf Club, Mora Country Club, Minneapolis Golf Club, St. Cloud Country Club, Braemar Golf Club, New Hope Village Golf Club, Southview Country Club, Hudson Country Club, River Falls Golf Club and the Minnesota Golf Association.

