



## MIDWEST BREEZES

There is no Midwest Breezes in this July issue of the **Bull Sheet**. The reason for this is evidently the M.A.G.C.S. members are not aware that the **Bull Sheet** publication belongs to their association and it is their responsibility to furnish the editor with news either local or of educational value. A large percentage of our members are not contributing. I am sure there are many **Bull Sheet** readers that would like to read of the fortunate things that happened at your club or at your home, as well as those not so fortunate. Give it a try and see if we can't change the Breezes to a wind.

The editor recently received a letter and a check from Dr. Fred Grau for the amount of \$50.00 to help cover expense for his copy of the **Bull Sheet**. This certainly was very generous of him and we appreciate it. This editor has known Dr. Grau for many, many years and I am well aware of all the good things he has done for the golf course Supts. and the game of golf from tee to green. My better judgment was to return the check to Dr. Grau with a request that it be sent to the **Musser Foundation** as a contribution to the **Paul E. Weiss Sr. Memorial Fund**. It would be great if all of you who read this would make a contribution to the **Musser Foundation** and mail it to **Dr. Fred Grau, P. O. Box AA, College Park, MD 20740**.

Dear Ray,

My June 1981 issue of **The Bull Sheet** just arrived. Your decision to print my little paper on "Leadership" is very much appreciated. After re-reading it I am glad that I wrote it. I hope that the challenge will be noted by those who direct the destinies of each entity. I will always work toward the goal of UNIFICATION. Several states have developed successful turfgrass councils which embrace ALL turfgrass interests. To achieve a similar coalition on the national scene will take the kind of leadership which the turfgrass industry has not yet evolved. But - there is hope.

I've been receiving your fine publication for a long time, gratis. I think that it is time that I made at least partial restitution. Accordingly, I enclose my personal check in the amount of \$50 which I hope may help.

**Fred V. Grau, President**  
**The Musser International Turfgrass Fdn.**

**Editor's Note - It is the pleasure of the Bull Sheet to send you the publication.**

Contributions to the Paul E. Weiss, Sr. Memorial Fund in the H.B. Musser Turfgrass Fellowship, Inc. from March 19 thru May 12, 1981.

David K. Aldrich .....	\$15
Gordon A. Wessner .....	10
George Readler .....	15
Wm. E. Lyons, Sr. ....	25
Fred V. Grau, Sr. ....	50
Louis Shultz .....	20
Leona Whitaker .....	10
Helen B. Potts .....	25
Sherwood A. Moore .....	25
Harold Stodola .....	10
Robert M. Williams .....	25
L. R. Shields .....	25
Charles F. Irwin .....	10
Phila. Assn. G.C. Supts. ....	30
James Knoll Gardner .....	15
Total of 5/12/81 .....	<b>\$310</b>

To each contributor we express appreciation for honoring the memory of our friend Paul in a way that will live forever. The income from the Paul E. Weiss Sr. Memorial Fund perpetually will assist talented graduate students earn their advanced degrees. "Paul would like that", Verna said.

## PLANNING AND BUILDING THE GOLF COURSE

The National Golf Foundation's 1981 edition of **Planning and Building the Golf Course** is now available for distribution.

While the title is the same as former editions, its content (50 pages) is 100 percent new material developed for NGF by Killian and Nugent, Inc., golf course architectural firm located in Long Grove, IL.

**Planning and Building the Golf Course** is an illustrated guide for the design and construction of regulation nine-and 18-hole golf courses. Included in its 13 chapters are sections on:

Why A Golf Course: cites the numerous advantages courses provide a community.

Who Builds Golf Courses: municipalities, private clubs, daily fee course owners, housing developers, resorts, corporations and municipal lessees.

Variations in Golf Course Design: regulation, executive and par-3 courses.

Planning Criteria for Golf Courses: safety factors, related facilities, practice facilities and additional recreational facilities.

Golf Course Planning Process: site selection, beginning of design, site analysis, the routing plan, course's "character" and general principles of golf hole design.

Details of Design: greens, tees, hazards, trap design considerations, construction drawings.

The Irrigation System: hydraulic and electric, water rights, ponds and water holes, wells, pumps, water requirements.

Golf Course Construction: surveying, clearing, grading, drainage, greens and tees construction, bunkers, seeding, sodding and landscaping.

Since golf course development, especially in its architectural aspects, is a veritable science, the National Golf Foundation has always urged all golf course planning groups to put themselves in the hands of a competent, qualified golf course architect.

This new book (cost \$7.95) should create a better understanding among course developers of what is involved in building a new golf facility.