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MAGCS Seeks 1988 Monthly Meeting Sites

The Midwest Association of Golf Course Superintendents, through its Arrangements Committee, is in the process of establishing a tentative monthly meeting schedule for the next year, 1988. It is, once again, our goal to arrange a geographically balanced schedule with a variety of golf courses for all MAGCS members to enjoy. If you are interested in offering your time and your club or facility for such an event; complete, clip and return the form below to:

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Midwest Breezes



Upcoming Events — Mark Your Calendar

December 8-10 — NCTE at Pheasant Run, St. Charles, IL

January 5 & 6 — GCSAA & MAGCS Seminars at Pheasant Run

January ? — Monthly meeting at Wilmette G.C.

February 1-8 — GCSAA Conference in Houston

March ? — Nordic Hills C.C. monthly meeting

April — We need a place to meet

May ? — Silver Lake C.C. joint association meeting

June ? — Lake Shore C.C. monthly meeting

First: Definition being; preceding all others, happening or acting before all others, ranking before all others. Well, we have a lot of good advertisers for our **"Bull Sheet"**, but let me tell you who has always been **first** to pay their advertising bill. Paarlberg Chemicals. In the five years that I have sent out invoices for the next year's billing, Paarlberg Chemicals has put their check in the return mail. Congratulations to them and thank you Paarlberg from the MAGCS.

Another bites the dust — the ranks of single superintendents is shrinking as Luke Strojny of Poplar Creek C.C. dropped on November 7th, when he married Debbie Bateman. Best Wishes to the happy couple.

Tis' the Season of the Musical Chairs: Tom Rodems leaves Kankakee C.C. for the hills of Olympia Fields C.C. where Brian Chalifoux is moving on to Fort Wayne C.C. Joel Purpur of Bartlett G.C. has moved on to River Forest C.C. where Ed Stewart has retired after 36 years of service. Ed will stay on as a consultant and live in the house for another 3 years. Ruth Lake C.C. is open — and the beat goes on.

For the information of those 221 voting members of the MAGCS who did not bother to vote for their leaders on November 4, 1987 and who might like to know who your new leaders are, they are:

| | |
|-------------|-------------------------------------|
| President: | Michael Nass |
| 1st V.P. | David Meyer |
| 2nd V.P. | Bruce Williams |
| Sec./Treas. | Roger Stewart |
| Directors: | Ray Schmidt, Joel Purpur, Al Fierst |

Thanks to Ed Fischer and his crew for running the election.

Special Praise goes to Joel Purpur and Dan Murray for driving in from East Lansing, Michigan and making it on time for the election. They were attending the GCSAA Seminar on Golf Course Construction Projects.

Len Berg was appointed the voting delegate for the GCSAA Conference with Al Fierst as the assistant delegate.

As of November 1987 our membership roster is as follows: AA=45, A=172, B=53, D=73, E=102, H=34 for a total of 479. 52 new members were taken in during 1986/87 along with 8 new Honorary Members.

Albie Stout made the motion to approve the reading of the minutes at the annual meeting and then stated that it was to be his last motion as a Class A Member. But you all know Albie — he still had to get a motion and word in later!

Some of the courses have been busy this fall. Julie Albaugh has sodded over 6,000 yards on green banks and a couple of bunkers. Roger Stewart rebuilt and sodded 3 tees and greens due to the flooding in August. He also used 2,750 pounds of seed in his roughs and 4½ acres of fairways. Glen Oak C.C. sodded over 8,000 yards of sod on a new practice and two green banks and bunkers.

Tom Byrne was/is hunting big game in Montana. Tom Nestor was big game hunting in Colorado. He didn't bring any game home, but had an excellent time.

Are you looking for an assistant? Check these two men out: Paul R. Sandall of Lake Villa, IL (312) 587-4084. His education is in Horticulture and Turf and worked at three different clubs. Richard Davis, Urbana, IL (217) 332-2286 will graduate from U of I in December 1987 with a B.S. in Ornamental Horticulture and Turfgrass. Has worked at country clubs and a nursery.

Pete Voykin is looking for an assistant (hope he looks in this column!) at Twin Orchard C.C. Call Pete at (312) 438-8499.

The deepest sympathy of the members of the Midwest Association of Golf Course Superintendents is extended to Mrs. Viola Huenerberg on the death of her husband Raymond in October. Raymond Huenerberg was the greenkeeper of Roselle C.C. for 17 years and retired from there in the 1940's. He then became the manager of the Cardolla Farms for the Hammerstein family. He has the distinction of being the first resident of Hoffman Estates. Raymond was 88 when he passed away.

Salesman Wanted — LESCO is looking for a golf course sales person for central Illinois and the St. Louis area. Contact Jim Johnson at 1-800-321-5325.

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Fall Dinner Dance Pictures
by Ray Schmitz



Len & Pat Berg with Sue Stewart



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Art Clesen, Carolyn & Ken Goodman



Marlyn & Jim Burdett with Jean & Ed Stewart

Fall Dinner Dance Report

The MAGCS Fall Dinner Dance was held on October 23rd at Riverside Golf Club. Ninety-five members and guests participated in an evening to remember. The staff at Riverside treated us in first class style.

The evening began with presenting each lady with a corsage. A cocktail hour and hors d'oeuvres followed. Dinner was splendid and we danced from 9 'til midnite. Dave Nadler of Nadler Golf Car Sales was very generous and sponsored the open bar from 9 'til midnite.

Our thanks to Susan and Roger Stewart for hosting the evening. Susan was responsible for the beautiful centerpieces at each table. One lucky person at each table took home these beautiful centerpieces. Roger was responsible for the selection of the corsages. There is a lot of planning and organization that goes into an event like this. It was a successful event due to the time and effort that Susan & Roger put into preparation.

For those of you who missed the Fall Dinner Dance, don't despair. Plans are underway for next year. Please join us.

Bruce R. Williams CGCS
Arrangements Chairman, MAGCS

Proposed By-Law Changes Approved at Annual Meeting

Class C — Assistant Golf Course Superintendent

To qualify for Class C membership an applicant shall have completed at time of application for membership, at least one (1) year as a Class D member and/or have been an Assistant Golf Course Superintendent for one (1) year and is currently employed as an Assistant Golf Course Superintendent. Class C members shall have all of the privileges of the association except that such members may not vote or hold office.

Those who currently qualify as Class C members will now be known as ...

Inactive Members: An Inactive Member is a member who, by circumstances such as employment, illness or adverse financial condition, is unable to pay dues. Membership in this class may be granted, upon proper application, at the discretion of the Executive Committee. An Inactive Member shall make application for inactive membership annually. Inactive Members shall be excused from payment of annual dues and assessments.

PROPOSED ARTICLE III, DUES

Section 3. The annual dues shall be payable on or before the first day of the beginning of the fiscal year. The fiscal year shall begin on the *first day of October*. Any member or members who shall have failed to pay said dues by said date shall be automatically dropped from the membership of the Association and all rights and privileges in connection therewith shall be thereupon cancelled. Any member dropped from membership in the manner hereinbefore provided shall be notified thereof by the Secretary and may make application to the Executive Committee for for reinstatement, provided such application is made within thirty (30) days after time when he is notified of this suspension and provided further that such application for reinstatement is accompanied by the dues, assessments and all arrears in accounts.

1987/88 Board of Directors



*Pictured above, front row left to right: Penny Meyer, Executive Secretary; Roger Stewart, Secretary/Treasurer; Mike Nass, President; Jim Evans, President Emeritus; Dave Louttit, Director. Back row, left to right: Fred Opperman, Editor of **The Bull Sheet**; Joel Purpur, Director; Dennis Wilson, Director; Dave Meyer, 1st Vice President; Al Fierst, Director and Ray Schmitz, Director and Photographer.*

Pictured below: Outgoing President Jim Evans passes the gavel to incoming President Mike Nass.



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"Seedin in the Rain"

by Dave Blomquist, Asst. Supt.
Inverness Golf Club

Prior to September 1987 the fairways at Inverness Golf Club were a hodge podge of Bents, Poa Annua, Common Blues, Fescues, and Ryes. As of this writing, Bentgrass and Poa Annua dominate. Some have more Poa than Bent, and a few even has a greater population of the desired Penncross/Seaside blend. What took place between mid August and now could unfortunately be described as nothing short of common for the Chicago area: floods, seeding, more floods, more seeding, lower than normal temperatures, a dry spell, and a couple of early hard frosts to finish things off.

Although Superintendent Mike Bavier planned to regrass over a year ago, it was impossible to foresee the four and half inches of rain that came within thirty-six hours after seeding. To further complicate matters, air temperatures averaged in the low fifties. If we would have been asked what the worst possible post seeding weather forecast would be — that would be it. Although we received 16 3/4 inches of rain in August, we were still able to complete the project. Seeding began on Saturday morning, August 22nd and continued through the twenty fourth. The crew worked sunup to sundown and beyond, so we finished ahead of schedule fortunately, as the skies opened up on Tuesday, the twenty-fifth. (I should note that on the third day I let Mike take care of things while I attended the MAGCS meeting at Turnberry Country Club. I figured he could handle it by himself).

As for the first seeding process, we didn't do anything radically different than anyone else in the area. The fairway parimeters were completely recontoured. We tried to use the rolling terrain to its fullest extent while only reducing total fairway space by two or three acres.

The Roundup application was set to begin on Monday, August 17th, but on that morning high winds forced us to re-think our game plan. Finally, after great consideration, we began at 5:00 P.M. By laying down four large tarps in the path of the three hundred gallon boom sprayer, we avoided dead spots in the rough while transporting from fairway to fairway. Headlights on the tractors and cushmans came in handy as we rolled off the last fairway at 9:30 P.M. Dew was already beginning to set in and we were worried the last two fairways might not kill. The next day we weren't thinking about the dew posing a problem because we were preoccupied with the hard rain that started coming down early in the morning. When we didn't see results for a while we were worried. Several days later, as strange as it sounds, we were relieved to see our fairways die! Nice shade of brown and a beautiful playing surface for a few days.

Typical member comment at this point: "Do you think the course will be in shape by 1990".

Almost five acres had to be reseeded, including the third fairway which was under water for three days. We used our Sandpor to remove the layer of scum that collected, and then broadcasted and groove seeded another pound per thousand. The second seeding germinated with excellent results and to our amazement the Bent we originally put down, which sat under all that water, came up after about two weeks.

As far as the membership was concerned it was a roller coaster ride from day one. When the idea was presented, everyone was all for it. As the start date neared and the fairways were in ex-

cellent shape, they were asking why we wanted to kill them and start over. This was understandable so it became necessary to re-iterate our goals. Things were fine until we started aerifying in figure eight patterns. They didn't realize the extent of cultivation required. To say they were concerned would be an understatement — They thought we were crazy!

Typical member comment at this point: "I'm not going to play this goat ranch". According to plan, we asked the players to stay off the course for three days after spraying, however, it was necessary to hold back play due to heavy rains for several days after the seed was down. They were asked to keep carts off the new fairways for the duration of the season, and just to make sure, we bought enough rope and stakes to outline all fifteen of them. We wanted to wait until it was absolutely necessary, however, practically no one drove on the fairways, so we decided to forgo the idea (is anyone looking for 30,000 feet of yellow rope)?

When the grass finally started coming in, it appeared from a distance we established a beautiful Bentgrass monostand. Typical member comment at this point: "I'll be bringing out some guests tomorrow to show off our new fairways". Upon closer examination, we discovered a lot of Poa Annua, especially in the low spots. When the cool weather and frosts hit in October, the Poa stuck out like a sore thumb. We experimented with "Prograss" and are going to use other "Anti-Poa" chemicals.

Hopefully the Bent will be more aggressive next season. Lightweight mowers and clipping removal should definitely help. Although we have some Poa Annua, our goal was accomplished — we replaced the spotty, grossly segregated fairways with a more consistant stand, and like so many other courses we have joined the renewed fight against the dreaded annual bluegrass.

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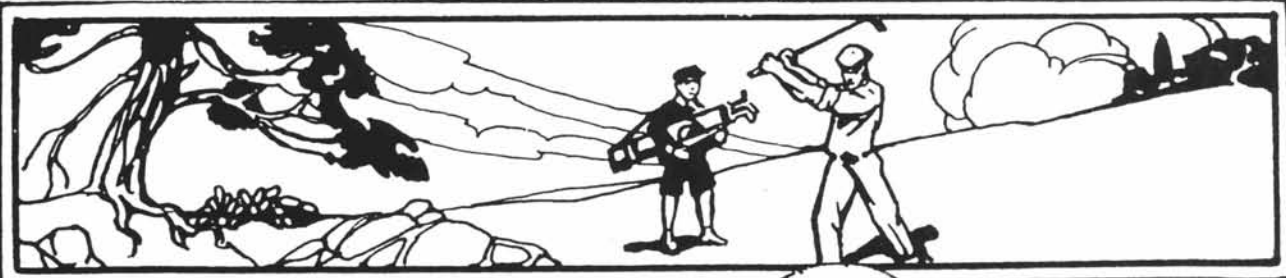
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Soil Compaction

by Gary Shampeny
National Golf Sales Mgr., Toro Co.

In the bentgrass/bluegrass/ryegrass regions of the country, soil compaction on fairways is an increasing concern for many golf course superintendents. To minimize soil compaction, the superintendent has turned to smaller, lighter-weight types of mowing equipment that minimize ground pressure. The types of mowers that are most often selected by the superintendent for this purpose have been the triplex greens-mower, triplex trim mower or the fiveplex fairway mower.

Techniques and types of mowers that will accomplish a reduction in soil compaction are not readily answered, and there is a general lack of agreement. For example, if you were to poll 12 superintendents to determine which of the three mowers previously mentioned is the best for minimizing soil compaction, you would get three different answers with 12 different reasons. This is to be expected, as each superintendent has established a management program for his particular course which is based on the many differing variables that exist for his soil, turfgrass, and own unique style of management and maintenance. What is really lightweight as it pertains to the triplex greenmower, triplex trim-mower and the fiveplex fairway mower?

Let us first examine some of the factors which affect the amount of pressure a mower exerts on the soil:

- The weight of the machine including operator and fluids
- Distribution of the weight (fore, aft, lateral)
- The amount of tire surface contacting the soil, which is determined by the tire design and tire pressure.

The mowers we are discussing will have a range of 8.5 to 18.8 lbs. pressure per square inch (PSI). The reference chart shows the published or (as tested by Toro) PSI exerted by several types of mowers.

The second issue to be discussed is: How much soil is being compacted by the mower as it makes its pass down the fairway? To determine the percent of width of cut compacted, all one has to do is to take the sum of the tire widths and divide it by the width of cut (WOC). For example, the GM300 has a WOC of 59 inches and a total tire width of 28.5 inches. $(28.5/59=0.48 \text{ (48\%)})$. Thus, 48% of the WOC is subjected to compaction.

After looking at the reference chart, you will notice that the difference between 8.5 PSI versus 18.8 PSI and 17% versus 48% WOC is quite significant. However, 9.8 PSI and 17% versus 48% WOC is also quite significant. 9.8 PSI and 48% WOC compacted by the GM300 must be compared against the 11.4 PSI and 18% WOC compacted by the RM450-D. Which is better and why?

When PSI and percent WOC compacted are combined the trade-offs will have to be balanced. Note that the RM450-D is better than the GM300 when it comes to minimizing soil compaction. Why? Because the 450-D PSI is only 16% greater than that of the GM300, but the percent WOC compacted by the GM300 is 182% greater than that of the RM450-D.

When discussing lightweight fairway mowing, there is a need to understand PSI and how each mower related to soil compaction. This will enable you to make the best choice of equipment for your particular operation.

(cont'd. on page 20)

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(Soil Compaction cont'd.)

REFERENCE CHART

| Product | Width of Cut | Total Tire Width | Ground PSI | % of WOC Compact |
|-------------|-----------------|------------------------|---------------|------------------------|
| GM300 | 59" | 28.5" | 9.8 | 48% |
| GK IV | 62" | 28.5" | 8.5 | 46% |
| Turf Pro 84 | 84" | 25.0" | 9.7 | 30% |
| Motor 213 | 84" | 23.5" | 14.0 | 28% |
| RM 216 | 74" | 23.5" | --- | 32% |
| Motor 180 | 71" | 21.5" | 15.0 | 30% |
| RM 350-D | 138" | 34.0" | 13.5 | 25% |
| RM 450-D | 138" | 25.0" | 11.4 | 18% |
| HF-5 | 133" | 34.0" | 10.7-13.0 | 26% |
| Motor 350 | 138" | 24.0" | 18.8 | 17% |

Golf Professional/Golf Course Superintendent Relationship

On October 26, 1987, Al Fierst, Oak Park C.C., Roger Stewart, Riverside G.C., and Bruce Williams, Bob O'Link G.C. were speakers at a seminar on the relationship between the Golf Pro and the G.C. Supt. The seminar was part of a day long education seminar sponsored by the Illinois Section of the P.G.A. These three G.C. Superintendents presented a talk on ways of improving this relationship and presented the Superintendent side of many issues. Some of the topics covered included improving communication and cooperation, gaining mutual respect for both positions, golf car management, range management, scheduling events and outings, as well as several other issues which require these two department heads to work together. These Superintendents were extended this invitation by the Illinois PGA as a way of starting a dialogue between our two professions to improve our ability to work together and provide the best results for the people who play our courses. All three Superintendents agreed that continuing this dialogue at a monthly meeting with some Golf Professionals presenting some issues may be a worthwhile endeavor. We all can agree a better relationship makes everyone's job easier and more interesting.

Roger A. Stewart, Jr., CGCS
Riverside Golf Club

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other arts follow.
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