THE BULL SHEET, official publication of the MID-WEST ASSOCIATION OF GOLF COURSE SUPER-INTENDENTS.

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President – Len Berg, CGCS
PRESIDENT' MESSAGE

## MAKE YOUR VOTE COUNT

Soon this membership will be electing officers to continue with the growth and development of this fine association. There will be proposals coming from the By-Law Committee for consideration to the membership for change. The slate of candidates to fill the vacancies of the various offices are published well in advance for the purpose of giving this membership the fullest opportunity to evaluate candidates in their own way. When it comes time to cast the votes at the annual meeting in November we must give much consideration to the candidate of our choice. The following you might use for some criteria: 100% to the association. attendance at monthly meetings, able to chair a committee, able to organize and innovate. Your vote should be for the candidate who has high professional standards and not a friend vote.

Our By-Laws govern the affairs of the association. When proposing to change a By-Law you must fully understand what the impact is going to be on the future of your association. Be sure that the way you vote on the issues is your vote and not the feelings of your good buddies.

Len Berg

From: W. H. Daniel, Executive Secretary Date: August 12, 1981 Re: Upcoming dates and new telephone numbers Purdue has recently installed a new computerized telephone system which has many features which will contribute to greater efficiency and flexibility. We will now have three separate lines coming into our office. The numbers are: Bill Daniel - 317/494-4875 Ray Freeborg - 317/494-4874 Jo Horn - 317/494-8039 Please note the following dates for Field Days and Conferences: Turf Field Day - Golf Courses, Sept. 28 - Purdue Agronomy Farm Turf Field Day - Lawn Care, Sept. 29 - 9:30 a.m. -3:30 p.m. Professional Turf Managers Chemicals Seminar -Nov. 9-13 Chemicals For Turf Use Seminar - Jan. 18-22, 1982 Midwest Turf Conference - March 1-3, 1982 **Midwest Regional Turf Foundation** M.A.G.C.S. October meeting will be held on Tuesday, Oct. 6, 1981 at St. Andrews Golf Club, West Chicago,

III. John Lapp, C.G.C.S. will be our host.

# C.G.C.S. - THE POSITIVE APPROACH

Certified Golf Course Superintendents and the program is growing. The certification program is designed for the purpose of recognition for the turfgrass industry. A lot of Superintendents have chosen to belittle the program for reasons only known to themselves. For the most part, I see two reasons why superintendents will not challenge the certification exam: (1) afraid of failure or (2) just too lazy to put some time aside every night to study for the exam. The second reason is probably what fits the majority of us.

Many Superintendents (our peers and/or leaders in the profession) have been trying to define certification in their own words only to conclude with negative results. Many professional groups have tests of educational knowledge. To name a few, there is the Bar exam for Attorneys, the CPA exam for accounting firms and the PGA Schooling to be a Class A Golf Professional. G.C.S.A.A. is our professional national organization and every member should strive to achieve the satisfaction of knowing that one can become certified by passing the exam. By preparing yourself for the certification exam, this will give you a better understanding of this organization and a better perspective of the profession in which you chose to be a part of.

Every member of G.C.S.A.A. should do everything in their power to support what comes out of the headquarters office. If there is something that comes out of the headquarters office that you dislike, write the President of G.C.S.A.A. or communicate directly to Mr. James McLaughlin, Executive Director, and express your concerns. It appears that some of our national and local members will not get off the dead horse, but will continue to speak out negatively on all issues. My only comment to that is "all good organizations have to have their quota of spoils". The worst thing we as members can do is write articles to national turf industry magazine firms expressing negative feelings about a program developed for the best interest of G.C.S.A.A. We will always have those individuals who will do anything to get their name in a national magazine even though some embarrassment will come to our professional as a whole. We have to work hard as a solid organization continuing to upgrade the Golf Course Superintendent's professional abilities for greater esteem.

The G.C.S.A.A. Certification program is not designed for the purpose of evaluating you as a superintendent. Think of it as an educational tool broadening one's scope of mind toward better understanding of the practical knowledge and theory used for establishing quality turfgrass. Once you become certified, the program does not just end there. Points have to be achieved by attending national conferences and educational seminars for recertification in five years. The more we get involved with our programs means the G.C.S.A.A. Staff will be working harder for greater Public Relations which will assist the superintendent in being the forefront in the Golf Course - Turfgrass Industry. Only you as a Golf Course Superintendent can help yourself to help your profession.

The G.C.S.A.A. Certification program has no correlation towards getting involved in making inspection of member's golf courses. If that was the case then every golf course would have the same number of putting surfaces, same turfgrass and soil structure, same amount of equipment and best of all the same budget dollars based on per acre of maintained turfgrass. Our professional organization's goal is to increase the image and professionalism through one of the objectives - CERTIFICATION. It is very easy for us to sit back and make up excuses for not getting involved with the programs coming from the national. That is fine for one to do that, but do not try and take the rest of the ship down with you. The time has come, and it has been here for the past ten years, to speak out positively on the strong points of our industry and at the same time keep the dirt in the barn where it belongs.

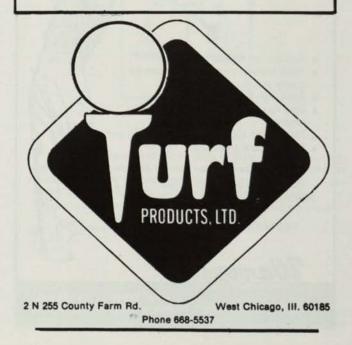
Become recognized by your peers, friends, club officials, and most of all recognize yourself. Are you giving 100% toward your profession? If not you should start today to be a part of the turfgrass team because in the end you will be the one to merit. A goal to strive for would be to have all Class A Golf Course Superintendents in our local association become certified by 1985. Only you can make this a reality and you can start by taking the certification exam offered for your convenience at the 53rd International Turfgrass Conference and Show in New Orleans.

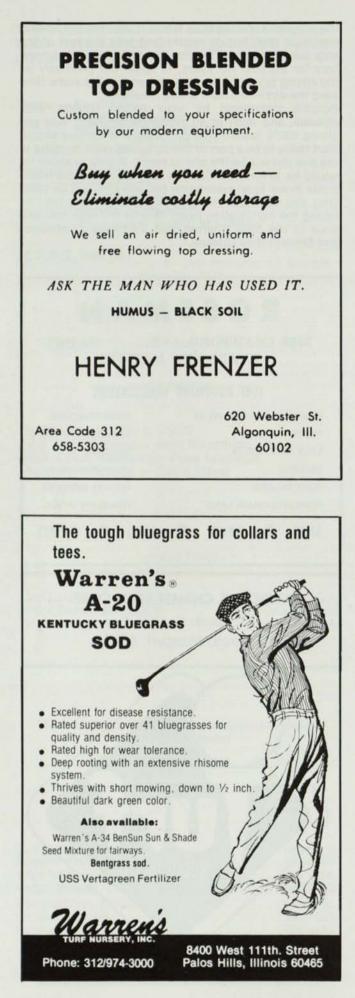
Len Berg, C.G.C.S.

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#### Village Link's greens project

From: Tim Kelly, Village Links Grounds Supt.

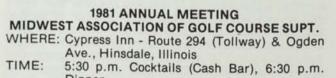
The following is a brief outline of the general processes used to replace the 18 hole greens at the Village Links of Glen Ellyn. For additional details or further information, contact Tim Kelly at 469-2077.

- 1. Greens double aerified with Dedoes
- 2. Sod stripped from green surface
- 3. Green surface aerified
- The firm of Hendrix & Dail, Inc. fumigated green soil with methylbromide; green surface remained covered by plastic tarps for 2 days
- 5. Green surface exposed and aired for 3 days
- 6. Remaining thatch on green surface verticle mowed in 2 directions
- 7. Light seeding (1/2 lb. per 1,000 sq. ft.) with Penncross
- 8. Green surface topdressed (approx. 2 yds. per green) and dragmatted
- 9. Second seeding (2 lbs. per 1,000 sq. ft.)
- 10. Fertilized with 12-12-12 (2 lbs. actual NPK per 1,000 sq. ft.)
- 11. Green surface rolled

12. Oakbrook Landscaping applied hydro-mulch Calendar:

First 9 greens closed	August 17
Sod removed	August 18
Fumigation	. August 19 & 20
Seeding followed by hydro-mulch. An	ugust 24, 25 & 30
Second 9 greens closed	August 31
Sod removed	August 31
Fumigation	September 3 & 4
Seeding followed by hydro-mulch	September 7 & 8

Successful germination is apparent on the first 9 greens. Some problems with washing were experienced due to the heavy rainfall immediately after seeding, but overseeding seems to have corrected the situation. The 4 greens planted earliest were mowed at 5/16" on September 9, thin spots were overseeded and top-dressing was applied. Although it's still too early to see effects on the second 9 greens, the first 9 look good and we are generally pleased with the results.



Dinner WHEN: November 2, 1981

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IRRIGATION DIVISION



Tentative Program for the Joint Meeting of the MAGCS USGA Green Section Conference to be Held at Medinah Country Club on November 17 & 18, 1981

Theme: Heritage or Progress November 17: MAGCS 8:00 A.M. Registration (Continental Breakfast) 9:00 Call to Order John Berarducci 9:15 Keynote Address: Water Joseph Rossillon, Fresh Water Foundation **Bluegrass Heat Tolerance** 10:00 Tom Watschke, Penn State University 10:30 Break 10:45 Storm Water Management Bill Lindley, Architect, Lindley & Sons Put the Cart "Behind" the Horse 11:15 Carl Landgrebe, Hinsdale Golf Club 11:30 **Understanding Fertilizers** John Mello, Nice 'n' Green Plant Nutrients 12:00 Lunch 1:30 P.M. Ataenius and Bag Worms Roscoe Randall, University of Illinois 2:00 **ITF and Research** Tom Fermanian 2:15 Break 2:30 Panel — C-15 Syndrome Dudley Smith, Silver Lake C.C.; Dave Wehner, Univ. of Illinois; Dave Roberts, Michigan State Univ.; Pete Leuzinger, St. Charles C.C. 3:30 Weed Control Dr. Dan Hess, Purdue University 4:00 Sand Topdressing (Beware) Dr. William Daniel, Purdue University 4:35 Wrapup 1981 Bruce Sering, Glen View Club 5:00 Cocktails November 18: USGA Green Section 8:00 -9:00 A.M. Registration (Continental Breakfast) Session Chairman, Stanley Zontek, USGA Green Section North Central Region 9:00-9:15 Welcome - USGA Green Section Committeeman 9:15-9:45 The USGA, Its Role in Golf Intraclub Communications 9:45-10:15 Jeff Rivard, Director, Regional Affairs USGA Far Hills, NJ 10:15-10:30 Break 10:30-11:00 An Overview of Turf Research Stanley Zontek 11:00-11:30 Believe It or Not - Cutting the Fairways with Triplex Mowers Edward C. "Ted" Horton, Golf Course Supt., Westchester C.C., Rye, NY 11:30-12:00 P.M. USGA Film - Rules of Golf Explained by Tom Watson 12:00-1:00 Lunch 1:00-1:30 1981, the Year in Review Stanley Zontek 1:30-2:00 Marking the Golf Course Jeff Rivard 2:00-2:30 Preparing the Course for Championship Play William G. Buchanan, III, Mid-Atlantic USGA Green Sect., Agronomists in Charge of Champ. 2:30-3:00 Questions 3:00 P.M. Adjournment

Make no little plans: they have no magic to stir men's blood.

Daniel H. Burnham

# PLAN FOR FALL/WINTER PROJECTS NOW

September is the month when many superintendents begin planning for projects in late fall and early winter. Tree planting, drainage work, stump removal, sod projects, and irrigation system shutdown are just some of the projects undertaken by courses here in the Chicago area.

For the past three fall seasons here at Riverside Golf Club, we have planted an average of 95 trees and 200 bushes ranging in size from  $1\frac{1}{2}$ " to 6" for trees and up to 10' in height for bushes and shrubs. We plant as wide a variety of trees as possible, having learned our lesson from the way the American Elm was planted for many years. We plant almost all of the trees ourselves, using a 24" auger and hand digging the hole to the proper depth and size. Backhoe digging has been tried in the past and we find hand digging, with the aid of the auger, just as fast and more suitable. Hand digging prevents excessive damage to the area around the hole caused by large machines such as a backhoe.

We do not dig any holes before the trees arrive on the property. This prevents holes from filling with water and allows us to dig the hole to fit the individual tree ball perfectly. The auger digs three or four holes in a triangular or cross pattern depending on the size of the tree ball. The holes are then cleaned out and shaped leaving the hole 8-12" wider than the ball of the tree and no deeper than the depth of the ball. While the hole is being dug, the tree is pruned of 20-30% of it's leaf area. Once the tree is in the hole it is straightened according to the trunk and backfilling begins. As the soil is backfilled around the ball, great care is taken to assure that pockets of air are not left. This is done by adding soil a little at a time and compacting it by foot. Where possible water is used to wash soil into large spaces forcing the air out. After backfilling around the ball is complete, a very thin layer (1/2-1") of soil is placed on the top of the ball (which should now be even with the ground level) to aid in the decomposition of the string and burlap. It is important to note that nylon twine should be cut away from the trunk of the tree because it will not decompose before damaging the tree as twine made of hemp or natural fibers will. After the planting process is complete, the tree is mulched with stump shavings, wrapped with tree wrap, and sprayed with Thiram and Clear-spray to keep the rodents away.

This process has provided us with a 95% success rate in our tree planting program.

Last year, we installed in excess of 5,000 feet of corrugated plastic drain tile and plant to do almost as much again this fall. The material we used consisted of the following:

5,000' - 4'' drain tile 250' - 6'' drain tile 80 tons - 3/4'' limestone 20 tons - Pea Gravel

Misc. drain tile fittings

This project requires about 500-600 man-hours and we keep two men on an extra month to help with the work. Our equipment consists of a small trencher, 1 ton dump truck, front end loader, and a contractors level.

We begin in summer by keeping records of wet or soft spots and problem drainage areas. We then plan where we will install the new drain lines, locate large main lines to connect into, and determine what size tile is necessary.

Normally we install drain tile at a depth of 1-3' because we are mostly concerned with fast removal of surface water and not necessarily deep drainage. We use our contractors level to assure we have the right

pitch. We normally use .5-1% drop in we are connecting into. We remove all spoil from the site and lay the tile on the floor of the trench. We then backfill the trench to the top 2-3" with 3/4" limestone. The remaining 2-3" is then filled with the pea gravel. We do this because the limestone is less expensive than the pea gravel and leaves larger pore spaces. The pea gravel is used on top because it is less damaging to our reel mowers and the turf grows over the pea gravel faster. After a period of 3-5 years, these trenches may need rejuvenating. This is done by removing the sod layer over the pea gravel, removing the pea gravel contaminated with soil and thatch, and refilling with clean pea gravel leaving the surface open for free travel of water. This is a relatively simple process which keeps the entire system working properly for years.

The drain tile we installed last year proved it's worth this season by allowing more days of cart use, fewer wet and soft areas, less disease, and much more rapid drainage after heavy rains. The total cost is about \$1.00-\$1.25 per foot of tile installed.

Many of the things we do in these two projects here at Riverside are common knowledge to many superintendents but I think it never hurts to shake the cobwebs loose a little.

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

# PRUNE LILACS TO PROMOTE FLOWERING

You'll get more and better lilac blooms next year if you prune this year's flowers promptly to prevent seed development. According to James A. Fizzell, University of Illinois Horticulturist in Cook County, shoots that will produce next year's flowers begin to develop about the time the old blossoms begin to fade.

Since developing seed competes with the growth of new shoots, prompt removal of flowers helps the plant produce more vigorous growth and consequently more flowers next year.

Fizzell also points out that French and Persian lilacs become overcrowded and overgrown unless you prune out old stems each year. This also helps control scale and borer problems which usually are more severe on older stems. Concentrate on the larger stems that are 4 to 5 years old. Remove about 1/4 of them, cutting them off at ground level. It's also a good idea to thin out the younger stems so that each has plenty of growing room and sunlight.

Thumb-sized stems can be just as productive as the large stems if you give them room to grow. Cut back overly long branches to a reasonable height.

James A. Fizzell, Sr. Extension Adviser Horticulture, University of III.

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M.A.G.C.S. FALL DINNER DANCE — Friday, Nov. 27, 1981 at Indian Lakes C.C. More details will come later.

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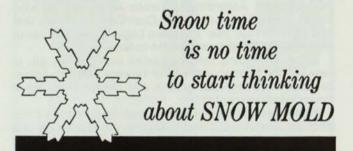
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# ANNUAL MEETING? WHY BOTHER?

The general attitude of the MAGCS membership is expressed in these words rather well. That's right, this is another one of those articles complaining about the poor attendance at the MAGCS annual meeting. I can't seem to come to grips with the exact reason why only 20-25% of the voting members show up at each annual meeting. I've heard all the usual excuses like, "It's all pre-determined anyway", "What difference would my one vote make?", or "It's the same old clique of people who run the show anyway". Well, all those excuses are just so many road apples dropping from behind the horse.

If those who don't attend the annual meeting only knew the amount of time and effort that is required of the Board of Directors to do a reputable job. It is the responsibility of every voting member to ensure that the best candidates are elected. When the Board of Directors is composed of people who take a true interest in the MAGCS and it's future, the job of Directors becomes a little easier. It is not cut and dried just because certain people have been nominated by the nominating committee. Nominations are accepted from the floor. If you feel someone would make a good member of the Board of Directors, consult with that person to get his approval, canvas some support for that individual, and nominate him.

This year there are some important changes in the By-laws being proposed. All voting members of the MAGCS should contemplate proposed changes in the By-laws, form an opinion in favor or against, and vote accordingly. Why? Because whether it is the proposed changes this year, or proposed changes next year, or changes made in the past, you and your colleagues could be affected by those changes in the By-laws. It could affect you and your profession adversely or it may indeed be of benefit to you. Therefore, when changes in the MAGCS By-laws are proposed, you should think about the affect the changes will have on the entire membership, on our profession and on you personally. There is some pride and sense of accomplishment when one becomes a Class A or Class B member of our association. The fact that one has shown the ability and willingness to work toward the goal of becoming a Golf Course Superintendent is rewarded with a membership classification which entitles you to vote and thereby give direction to your own profession. It is indeed the right of every Class A and Class B member to vote, but it is also your responsibility to vote.

Don't be apathetic, attend the Annual Meeting November 2, 1981. Vote for the direction you feel your professional organization should take. Somewhere down the line, it may keep you from stepping on one of those road apples.

> Roger A. Stewart, Jr. CGCS Chairman, By-laws Committee

**Don Pakkala**, Supt. says - A lot going on at Medinah this fall. Tri-Way Trenching is installing a complete double-row automatic irrigation system on all 54 holes. It's about time as the original system is dated 1935. The work is expected to be completed in the summer of '82. Work is now in progress on the #3 course with efforts directed toward mainline and green installation because of greens renovation now underway. Yes, it seems like there is always another project!

Medinah has succumbed to the C-15 decline and on August 24th closed all greens on the #3 course. Rain has delayed stripping of sod but with good weather, seeding is expected to be accomplished the week following Labor Day.



## MIDWEST BREEZES

The Illinois Turfgrass Foundation golf outing on August 24th held at Indian Lakes C.C. Bloomingdale, II was enjoyed by ninety-six. A wonderful dinner (all one could eat) and plenty of refreshments were served. Fifty-eight played golf on a super conditioned course made possible by the watchful eye of our host, **David Meyer**. Dave is also the M.A.G.C.S. secretary and treasurer and always does an excellent job as M.C. at a meeting of this nature.

The golf course commercial companies in the Chicago area can always be depended on for their financial support. This is not true with our local golf course Supts. who surely benefit from this research work on turfgrass. Their lack of participation proved their interest. The M.A.G.C.S. has pledged financial support for Illinois turfgrass research for a period of three years.

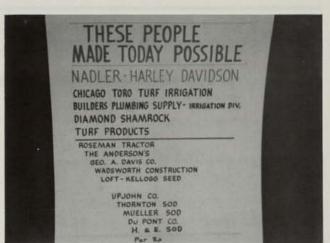
On behalf of all those that attended this meeting at Indian Lakes, we thank the Northern Illinois Landscaping Association for the refreshments on the golf course.

Golf course Supts. are busy at this time of year aerifying fairways, greens, and tees. Some seeding is being done hoping to get a jump on the Poa Annua. Problems with irrigation systems and drainage systems that did not function properly are being corrected. Everyone is hoping for good weather this fall.

This editor just recently received a letter from the **National Golf Foundation** informing me I will receive an award in recognition for my contribution to the game of golf and to the profession of golf course superintendents. This will take place at the **National Golf Foundation's** annual **Herb Graffis** award dinner on Tuesday, December 1, 1981, at the St. Andrews Golf Club in West Chicago, IL. This will certainly be an honor for me and I hope many of my long time as well as recent friends will be there.

As my memories go back and I think of the many hours of contributions I made to the game of golf, this award more than makes up for it. I hope all of you will come forward and offer your service for the good of golf. I am sure it will pay off, it did for me.

The bright lights will shine Dec. 1 on our good friend **Patty Berg.** She will receive the **Herb Graffis** award at this National Golf Foundation dinner at St. Andrews G.C. No one is more deserving of this award than **Miss Berg.** Our congratulations to **Patty Berg.** 



#### Dear Ray;

It is said, "The Meek shall inherit the Earth". "BIT-by-CHING" Most worthy philosopher has said! "When your course faces stress, so do you"! How far do you get, declaring the Blue Flu? Go on strike and shout, "I am underpaid", Who in the world would join in your parade? A person once found honor, persuing an endeavor, Now they stop to wonder, "Am I really very clever"? Have faith, the world will awaken, one fine day, Everyone within it's realm, will realize and say, Did I do my job unselfishly, Regardless of the pay? What's right is might, and will prevail, When it comes Judgment Day. Superintendently,

Kenneth R. Zanzig Green Garden C.C.

#### **1981-82 CANDIDATES FOR OFFICE**

President — John Berarducci 1st Vice — Peter V. Leuzinger, Thomas Viewig 2nd Vice — Roger Stewart, Carl Landgrebe Directors - 3 to be elected — John Stevenson, Ken Goodman, Joe Williamson, Jim Freis, Randy Wahler, Don Hoffman.

Nominations from floor will be accepted.

#### Dear Ray:

That was an excellent example of reporting in the September issue. It is refreshing to review the past. Sometimes I think that we've come too far too fast. Many young turfgrass managers have had many benefits practically handed to them on a silver platter. Not that it is a cinch today but the **brain** work now is more important than the **brawn** work. It is an enjoyable piece of literature, Ray!

It occurs to me that the water shortage may be a blessing in disguise. Without excess water **Poa annua** will not be able to survive. Chemical folks will have to seek another source of income.

Your work on **The Bull Sheet** has been outstanding! For a retired greenkeeper-superintendent to become an editor takes a special kind of talent. You are to be commended for your dedication and for your fine work. Thank you for keeping me on your mailing list.

Fred V. Grau President

