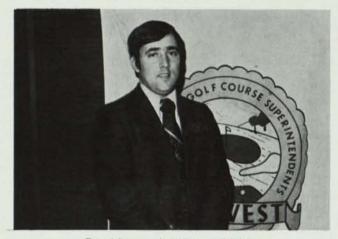
THE BULL SHEET, official publication of the MID-WEST ASSOCIATION OF GOLF COURSE SUPER-INTENDENTS.

Editor - Ray Gerber 865 Hillside Avenue Glen Ellyn, Illinois 60137 Phone - [312] 469-6467



Bull Sheet printed by Ever-Redi Printing, La Grange, Illinois 60525. Phone: (312) 352-4378.

MAGCS BOARD OF DIRECTORS FOR 1981

OFFICERS

President - Len Berg, CGCS First Vice President - John Berarducci Second Vice President - Peter Leuzinger Secretary-Treasurer - David Meyer

DIRECTORS

Don Hoffman, CGCS Carl Langrebe Bruce Burchfield, CGCS Thomas Vieweg Edward Fischer Roger Stewart Executive Secretary - Dorothy Warren

The following is a list of office telephone numbers for the entire Board.

Carl Landgrebe
Edward Fischer, CGCS, Emeritus
John Berarducci
Roger Stewart, CGCS
Don Hoffman, CGCS
Len Berg, CGCS
Peter Leuzinger
David Meyer
Thomas Vieweg
Dorothy Warren
Bruce Burchfield, CGCS

President - Len Berg, CGCS

PRESIDENT' MESSAGE PROFESSIONAL DEVELOPMENT

Our budgets reflect thousands of dollars for preventative maintenance against disease and precise equipment performance. A new greens mower that costs \$5,000 will have to have hundreds of dollars put into it annually to prevent unnecessary breakdowns. There is no doubt about the practicality of having a preventative maintenance program because it has proven that golf course maintenance functions with lesser problems.

Does your budget reflect preventative maintenance for your staff? What do you do for the staff, in order for them to continue to meet performance standards? We put alot of value on our equipment and turfgrass. The values that we place on our staff have to be constantly reviewed and given higher regards.



Professional Development is not only an area for the Golf Course Superintendent, but is of great importance for the golf course staff. Mechanics, assistants and full-time personnel should be given the opportunity to keep up on their skills and abilities by attending educational seminars. Besides increasing our staff's professional standards, professional development is the best means for high morale, staff motivation, and production. We place high priorities on the equipment, irrigation system, construction projects, and so on. Let us not forget number one, 'Our Staff''.



M.A.G.C.S. April 6 meeting will be held at Elmhurst C.C. Tom DiGuido, Supt. will be our host. Golf will be available if conditions permit. Cocktails at 5:30 p.m., dinner at 6 p.m.

The sympathy of the members of Midwest Assoc. of Golf Course Supts. is extended to the Al Heintz family due to the death of Mrs. Al Heintz on Dec. 23rd, 1980 at the age of 80.

Mr. Al Heintz was the golf course supt. at White Pines Golf Club, Bensenville, Ill. for many years prior to his retirement and death several years ago.

The members of Midwest Golf Course Supts. Assoc. was saddened to hear of the sudden death of Dave Zimmerman, sales representative for the Lakeshore Equipment & Supply Co.

PRUNING RASPBERRIES AND GRAPES

More and more people are growing small fruit, particularly raspberries and grapes in their back yards.

Pruning helps keep these plants producing at high levels, says James A. Fizzell, Horticulturist with the University of Illinois in Cook County.

Raspberries produce fruit on canes which developed the previous year. Canes which have fruited need to be removed immediately after harvest.

Prune raspberries before growth starts in the spring. With red and yellow raspberries, remove all short and weak canes and thin the remaining vigorous canes to 5 to 8 per plant. If the canes are supported by stakes or a trellis, cut them off at a 5 to 6 foot height. If they are not supported, top them at 3 to 4 feet to keep them from falling over. Do not summer pinch shoots of red raspberries.

For black and purple raspberries, and erect blackberries, select four or five vigorous canes per plant and remove all other canes at the ground level. Thin out weak and diseased laterals on each cane and shorten those remaining to 10 to 12 inches. These varieties need to have new canes summer pinched when they reach 24-36 inches high. Be sure to collect and dispose of old canes and cuttings to prevent diseases.

Grapes, says Fizzell, need severe pruning each spring to maintain productivity. Lack of pruning creates a jungle of old canes and severely reduces fruit production.

The fruits on grape vines grow on new shoots arising from buds of one-year-old canes. According to Fizzell there are many methods of pruning and training grapes. The 4-cane Kniffin system is probably the easiest. It uses a 2-wire trellis. When trained to the Kniffin system, the average grape vine can support 40 to 60 buds, depending on the vigor of the vine.

Select four new canes growing from the main trunk near the support wires, cut them back to leave 10 to 15 buds on each of 4 fruiting canes. Fruiting canes usually need to be shortened to limit the total number of buds.

Renewal spurs are also needed to produce new fruiting canes for next year's crop. Select four small canes near the fruiting canes and cut them back to 2 buds each. One spur should be located on each arm near each trellis wire.

Neglected old vines usually have several stems or trunks arising from the root. Remove 2 or 3 of these trunks each year until only one trunk is left.

Pruning sounds complicated says Fizzell, but is really quite easy. The hardest part is convincing yourself that it needs to be done.

A booklet on pruning small fruit (and other ideas about Growing Small Fruits in the Home Garden) is available from Mr. Fizzell's office. Write him at 4200 West Euclid, Rolling Meadows, Illinois 60008.

A few minutes of pruning each year can produce an attractive plant around six feet high.

Other spring flowering shrubs such as forsythia, honeysuckle, privet, etc. should also be pruned soon after flowering by removing all dead, broken, and old stems. Cut off about $\frac{1}{3}$ of the oldest stems near the ground line - leaving no more than a one-inch stump above ground.

Fizzell says, old, overgrown hedges of privet or honeysuckle that have become unsightly can be renewed by cutting them all the way to the ground. They will grow back in a year or so, and will be full and green all the way to the ground.

James A. Fizzell, Senior Extension Adviser Horticulture

ART ANSWERS

Q — When is the right time to cut back a multiflora hedge whose long canes are encroaching on a sidewalk?

A — Multiflora roses can be cut back at any time without any adverse effects. However, it is much easier to do this job during the winter when the plants are leafless.

C. E. DAUGHERTY CO. 1855 W. Stuart Ln. Palatine, Illinois 60067 (312) 359-0602

Representing:

MITTS & MERRILL – Brush and Limb Chipper

AQUASHADE INC. - Pond Beautifier

COURSIGNS INC. – Golf Course Signs -Trap Rakes - Litter Receptacles

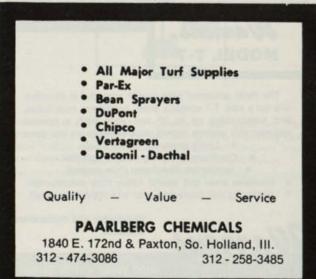
CARRON NET CO. INC. – Tennis Nets -Wind Screens - Dividers -

Straps & Tapes

POLLARD BROS. - Work Benches -Cabinets, Barrell Stands

LOFT-KELLOGG - Grass Seeds

GRASS-CEL - Paving Blocks



PRECISION BLENDED TOP DRESSING Custom blended to your specifications by our modern equipment. Buy when you need -Eliminate costly storage

We sell an air dried, uniform and free flowing top dressing.

ASK THE MAN WHO HAS USED IT.

HUMUS - BLACK SOIL

HENRY FRENZER

Area Code 312 658-5303

620 Webster St. Algonquin, III. 60102

ANNOUNCING a remarkable Multi-Purpose Spreader.

MODEL T-7



The most advanced light weight spreader in decades. Warren's new T-7 spreads seed, fertilizers, herbicides, and insecticides up to 20 feet wide with a precise accuracy that assures correct disbursements on one pass.

- Large fingertip control knob.
- Continuous moving interior agitator. Innovative directional flow control.
- · Stainless steel and plastic heavy duty construction.
- Enclosed and protected gear and main drive shaft.

Distributor and dealerships available.

Phone: 312/974-3000

8400 West 111th. Street Palos Hills, Illinois 60465

MICHAEL R. BAVIER, CGCS, ELECTED **1981 PRESIDENT IN GCSAA ANNUAL** MEETING IN ANAHEIM

Anaheim, Calif .--- Michael R. Bavier, CGCS, Superintendent of Inverness Golf Club, Palatine, III., was elected President of the Golf Course Superintendents Association of America in the group's annual membership meeting.

Also elected were James A. Wyllie, Bayview Country Club, Thornhill, Ontario, Canada, Vice President; Eugene D. Baston, CGCS, Birmingham (Ala.) Country Club, Director; and Riley Lee Stottern, CGDS, Jeremy Ranch Country Club, Salt Lake City, Utah. The election was in conjunction with GCSAA's 52nd International Turfgrass Conference and Show in the Anaheim Convention Center.

Bavier, who served as GCSAA Vice President in 1980, has been a GCSAA member for 15 years. He also served as a Director of GCSAA for four years. He has been superintendent of the Inverness Golf Club since 1969, and previously was superintendent of Calumet Country Club, Homewood, Ill., from 1965 to 1969.

Wyllie, formerly GCSAA Secretary-Treasurer, has served as a Director of the Association for three years. A GCSAA member for 20 years, he has been superintendent of Bayview Country Club for the past year. He previously served as superintendent of Lambton Golf and Country Club, Toronto, from 1967 to 1979.

Baston, a GCSAA member for 14 years, has been superintendent of the Birmingham course for the past eight years. Prior to that, he was superintendent of Bay Hill Club and Lodge, Orlando, Fla., for two years and Savannah (Ga.) Inn and Country Club for five years.

Stottern, a GCSAA member for 13 years, has been superintendent of the Jeremy Ranch course for nearly one year. Prior to that, he was superintendent of the Desert Inn Country Club, Las Vegas, for two years, and Oakridge Country Club, Salt Lake City, for 12 years.

The new officers join Directors Paul Boizelle, CGCS, Fiddlers Elbow Country Club, Far Hills, NJ; Edward Dembnicki, Arcadian Shores Golf Course, Myrtle Beach, SC; Robert W. Osterman, CGCS, Connecticut Golf Club, Easton, CT; and James W. Timmerman, CGCS, Orchard Lake (Mich.) Country Club. Outgoing President Melvin B. Lucas Jr., CGCS, Piping Rock Club, Long Island, NY, also will serve on the association's Board of Directors for an additional year.

The associations annual conference and show, which included the membership meeting and election drew a record attendance of more than 8,000 for its five-day run in the Anaheim Convention Center. GCSAA, with a total membership of almost 5,000, is headquartered in Lawrence, KS.

COLOGNE

In Kohln, a town of monks and bones, And pavements fanged with murderous stones,

- And rags, and hags, and hideous wenches, I counted two-and-seventy stenches,
- All well-defined, and separate stinks! Ye nymphs that reign o'er sewers and sinks,
- The river Rhine, it is well known,
- Don't wash your city of Cologne; But tell me nymphs, what power divine Shall henceforth wash the river Rhine?

WIERBICIDES

The broadleaf weed 'specialists' designed for professional turf programs.

Here's why BANVEL® herbicides are the professionals' choice for weed control:

- Used as directed Banvel will not harm trees, ornamentals or turf—it just eliminates weeds.
- No season restrictions. Lay down Banvel from early spring to late fall—all through the growing season.
- Rain will not affect Banvel. It keeps on working because it translocates—penetrates leaves and is absorbed through roots to attack every part of the weed.
- No special spraying equipment necessary. It is easy to clean out of equipment after use.
- Mixes readily with hard or soft water.
- Easily stored through winter months without losing potency.



Banvel herbicides—products for professional turf men



<text><text>

insist on the best !

GRASS DOES NOT LIVE BY NITROGEN ALONE!

OR PHOSPHATE OR POTASH

LEANDR LEAD

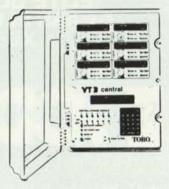
Yes, it takes a balance of all nutrients to grow good turf. Country Club products provide total nutrient feeding. Look to Country Club for all your fertilizer and combination fertilizer-pesticide products. You can rely on Country Club turf products for satisfaction and results. For more information, call 1-800-637-2101 (217-446-0983 in Illinois)

LEBANON CHEMICAL CORPORATION

P.O. Box 647 Danville, IL 61832

P.O. Box 180 Lebanon, PA 17042 The miracle of modern electronics is more capability at less cost. TORO VT3.

The miracle worker.





You're in complete command with this automatic irrigation system from Toro. The all solid state electronic central/satellite system offers versatility never before possible. VT 3 is the culmination of 60 years of working with golf course people on turf problems. It is what you would expect from the company whose irrigation systems water more golf courses than any other including 54 of the nation's top 100 courses.

Get the complete story on what VT 3 can do for your course. CALL US TODAY.



April showers May flowers and a lot of fungal activity

start spring disease control NOW with LUCO Acti-dione TGF®

The same conditions that promote spring growth can open the door to leafspot, dollarspot and melting-out. Start right after first mowing to apply Acti-dione TGF regularly. See us for help in spring disease control. Distributed by Chicago Toro Turf Irrigation Inc. TURF PRODUCTS LTD. John M. Turner, Agri-Chemical Sa'es Specialist Phone: 985-6643

USGA GREEN SECTION NORTH-CENTRAL REGION CONFERENCE Tuesday, March 24, 1981 O'Hare Marriott Inn Kennedy Expressway at Cumberland Ave. Chicago, Illinois

Morning Session— 8:00 A.M. to 12 Noon Presiding - Stanley J. Zontek Director, North-Central Region 'JSGA Green Section

- 8:00 REGISTRATION
- 9:00 INTRODUCTION Tom Oakley USGA Green Section Committee
- 9:15 MAINTAINING GOLF STANDARDS William G. Buchanan Director, Mid-Atlantic Region USGA Green Section
- 9:45 RETURFING THE BUTLER NATIONAL GOLF CLUB Oscar Miles Golf Course Superintendent Butler National Golf Club
- 10:15 EFFECTIVE TREE PLANTING PROGRAMS James T. Snow Agronomist, Northeastern Region USGA Green Section
- 10:45 RECESS

- 11:00 APPLYING THE LESSONS LEARNED FROM 1980 TO 1981 Stanley J. Zontek Director, North-Central Region USGA Green Section
- 11:30 FILM: THE DAY JACK CAME BACK 1980 U.S. Open

Afternoon Session—1:30 P.M. to 3:00 P.M. Presiding - Stanley J. Zontek Director, North-Central Region USGA Green Section

- 1:30 GRASSES Dr. Joseph M. Duich Penn State University
- 2:30 THE USGA GREEN SECTION LIKES TO BE UTILIZED Stanley J. Zontek Director, North-Central Region USGA Green Section

3:00 DISCUSSIONS & ADJOURN

Reservations are requested by March 16, 1981. Mail to Mr. Stanley J. Zontek, P. O. Box 592, Crystal Lake, IL 60014. Registration and luncheon - \$15.00.

IT'S ONLY OUT OF SOUTHWEST 16% OF TIME - STUDY REVEALS

This may come as a blow, so to speak, but Chicago's winds waft in from all directions, not mostly from the southwest as is generally assumed.

This data is based on a report by the meteorological firm of Murray and Trettle, Skokie, III. and confirmed by 85,000 weather observations made over a 10 year study in the Chicago area.

THE REPORT SHOWED THAT THE WIND IN THE CHICAGO AREA BLOWS FROM THE SOUTHWEST ONLY 161/2 OF THE TIME.

It blows from the west 15% of the time, from the south 13%, from the southeast 6%, from the east 10% and from the north 7%, the northwest 11% and the northeast 10%.

For 12% of the time it does not blow at all, registering a "calm" of less than three miles per hour.

The purpose of this report is to assure superintendents that there is no need to "offset" the location of a fixed sprinkler head to take care of some imagined wind direction.

Charles E. [Scotty] Stewart

'CURE' A CHILD WITH TALK, LOVE

"I cannot go to school today, Said little Peggy Ann McKay. I have the measles and the mumps, A gash, a rash, and purple bumps. My mouth is wet, my throat is dry, I'm going blind in my right eye. My tonsils are as big as rocks I've counted 16 chicken pox. And there's one more — that's 17, And don't you think my face looks green? ...I have a hangnail, and my heart is ... What? What's that you say? You say today is ... Saturday? G'bye, I'm going out to play!''

"Sick" by Shel Silverstein From "Where the Sidewalk Ends"

GOLF COURSE IRRIGATION SEMINAR for:

- Key Grounds Department Personnel
- Golf Course Superintendents
- Green Committee Members are welcomed

Topics to be covered:

- Pumping Plants types and uses; basic pump controls; pump curves
- Sizing, Installing and Repairing PVC Pipe Cast Iron Pipe Installing and locating wire Heads and Quick Couplers Electric and Hydraulic Valves

The use of the new micro-computers

This seminar will cover only irrigation as it applies to golf courses and will not go into agronomic practices. This is a practical (hands-on) seminar.

These sessions (which are identical) will be held at:

Builders Plumbing Supply Company Conference Room 133 South Route 53 Addison, Illinois 60101 on MARCH 11 and 12, 1981, starting at

9 AM. Lunch provided by Builders.

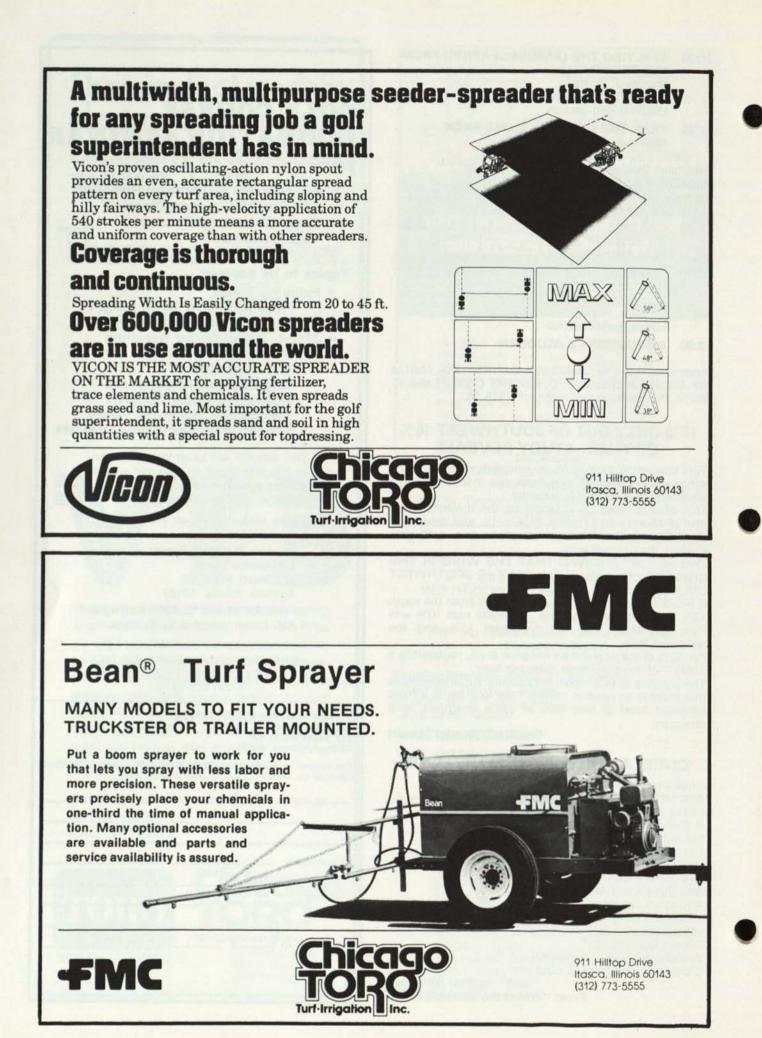
Sessions fill up fast so make your reservations early by completing the form below or calling Virginia at (312) 629-8119.

Builders Plumbing Supply Company Irrigation Division 133 South Route 53 Addison, Illinois 60101

The following would like to attend the Golf Course Irrigation Seminar on March _____, 1981 at 9:00 AM.

Club Address

Telephone No. (____





MIDWEST BREEZES

The 52nd International Turfgrass Conference and Show is now history. I am sure it was a success in every way. It was one of the better conferences excluding the keynote speaker and the entertainment at the banquet. This editor does not rate these two very high.

The educational part was super. The equipment display was our best and plenty of room for everyone. The attendance on Wednesday was 7,713. There were 202 exhibitors that displayed their merchandise. It sure was an education just to view the many new as well as the old products that it takes to maintain a golf course.

At the annual membership meeting held on Wednesday, January 28, 1981, **Mike Bavier**, Supt. at Inverness C.C., Palatine, III. was elected president. Mike has worked hard for the G.C.S.A.A. and deserves the honor.

At this meeting **Paul Voykin** was very proud to receive his 25 year G.C.S.A.A. pin. Paul joined the national association in Canada and is one of the youngest members to receive the award. Congratulations.

On Monday night the Mexican Fiesta was well attended - standing room only with a limited number of chairs for the lucky ones. Also dancing to loud music. The dance floor was used by many of the Supts. and their wives. If these Supts. are as light on their feet on the golf course as they are on the dance floor they sure would not create any compaction.

This editor would like to make a suggestion that at future annual G.C.S.A.A. meetings the American flag be displayed at the front of the room during the meetings. This did not take place at Anaheim, CA on January 28, 1981.

One of the highlights in going to the National Conference is attending some of the hospitality rooms. It gives one a chance to visit with friends one has not seen during the past year and also to become acquainted with new ones. Information is gathered at these places that would not be available on the main floor.

1. Jim and Sue Reed are expecting their 2nd child in July.

2. Steve and Karen Stewart are expecting their 1st child in August.

3. Don and Sue Hoffman are expecting their 2nd child in September.

4. Dave and Penny Meyer are expecting in July.

At the Toro Commercial Awards Meeting, held in Anaheim, **Jim Reed** was awarded the highest Award bestowed on a sales person by the Toro Company.

Jim, was recognized as Master Salesman of the year. Chicago Toro is very proud of Jim. The members of the M.A.G.C.S. are happy to be informed of Jim's award and offer their congratulations.

Congratulations to **Marv** and **Lorraine Gruening** of Park Ridge C.C. who celebrated their 33rd wedding anniversary on January 29th.

CONGRATULATIONS TO ALL OF YOU!!!

Ray and Jo Gerber celebrated their 56th wedding anniversary on Feb. 18, 1981. Time sure moves on. We have been blessed with many good times during these 56 years. Two sons that we are proud of, also two wonderful daughters in-law and five super grand children. And our health has been excellent considering our age. And loads of super friends made up of the finest people in this country. What more could one ask for?

Dear Ray;

How easy to jump the gun when Spring is on the starting line.

"FORE"

Spring soon will reappear, Winter wonderland will melt into the past. How wonderful to watch the grass turn green,

In spite of Winter's final blast.

Superintendents ardently await,

A hopeful early Spring. Golfers are chomping at the bit,

To improve upon their swing. Yes! the season soon will be here,

To ease a heavy heart. We all look forward to the time,

Nature gives the nod to start.

Superintendently, Kenneth R. Zanzig Green Garden C.C.

WATER, WATER EVERYWHERE?

On an average day you and I each draw about 87 gallons: 24 for flushing, 32 for bathing, laundry, and dishwashing, and 25 for swimming pools and watering the lawn. We use a mere two gallons for drinking and cooking—the only water we actually require to survive. Traced back, the eggs you ate for breakfast required 120 gallons of water each; the ton of steel in your car, about 60,000 gallons. With these indirect uses our daily need soars to some 2,000 gallons each.

Considering this, are we running out? The answer, most experts agree, is a resounding "no". Yet the United States faces serious water problems, of both quantity and quality. Rain and snow do not fall evenly across the land; the West, with 60 percent of the nation's real estate, receives only 25 percent of its moisture ... The rain-rich East faces water challenges equally severe, some of quantity and more of quality. The immense populations of metropolitan Boston, New York and Washington, D.C. will face rationing if nature repeats the drought that struck in the 1960s. Pollution plagues waterways that we use as both fountains and sewers.

National Geographic

195 ATTEND GCSAA PRAYER BREAKFAST

The week of January 25th, 1981 was a busy week for GCSAA members in Anaheim. Conferences, seminars, golf tournaments, business meetings, elections, equipment show, cocktail parties, tours, banquets and for good measure Disneyland just across the street.

While all of this was going on our nation received word that our ex-hostages had returned safe to American soil! What a busy time, and a time to be thankful. Thankful for what a Blessing it is to live in America and to be Americans.

Even with all of this going on plus the Super Bowl, 195 men, women and kids did find time to attend the Monday morning Prayer Breakfast. This is almost a 74% increase over last year! Not bad. We were treated to and participated in some fine music led by Demie Moore and Bert Fedor.

Our main speaker, Richard Minasian, brought a special guest, Keith Ericksen. He was an all American basketball player for UCLA and also played pro ball for the Los Angeles Lakers. Keith shared some of past life with us, pointing out that material gain and fame do not necessarily bring peace and happiness to our lives.

Richard Minasian shared with us some of his experiences as a youngster when he caddied for some of golf's greats like Bobby Jones, Gene Sarazan, and Francis Ouimet among others. Even having the opportunity to play with Jones as a Jr. Champ. These great golfers inspired Minasian to take up the game and he still enjoys it today. Serving God however, supersedes even his love of golf. If you have been too busy in the past try to take time for our Prayer Breakfast in New Orleans next year. We think you'll find it time well spent, as you share with others of our profession the Living God and experience the Power of Prayer.

John C. Ebel, Golf Course Supt. Barrington Hills Country Club

NOTICE

TO: Illinois Landscape Contractors Association, Midwest Golf Course Superintendents Association and fellow contractors.

We at OakBrook Landscape Co. recognize the need for an annual auction for our industry. We have discussed this possibility with others in our area and have had a very positive response. We feel we have the ideal auction location: Route 53, two miles South of 75th Street in Naperville ... and have gone so far as to have a meeting with Norm Strassenburg (auctioneer) to contract with him to handle the program. We have set a date of March 14, 1981.

Norm Strassenburg handles the annual consignment sale for farm machinery and miscellaneous equipment with a great deal of success. What prompted us to consider a landscape and maintenance equipment auction was our realization that equipment costs, parts, etc., were so inflated and trade in values so unjust, that there should be a better way to handle some of these problems.

Example: We have three 1976 Yazoos and two 1979 Yazoos which we wanted to trade for five new pieces of equal or improved performance.

