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# HOLE NOTES

Official publication of the MINNESOTA GOLF COURSE SUPERINTENDENTS' ASSOCIATION

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# FROM THE PRESIDENT'S DESK

### JOHN NYLUND

It's hard to believe that it is already aeration time. Where has the season gone? This summer has provided its share of concern for many superintendents. July was a month many superintendents would just as soon forget. It had just about every stress element a month could offer.

This summer has emphasized the need for a professional superintendent who can recognize problems and cope with the pressures of operating a golf course facility.

It has not been an easy year and I hope club officials will recognize the superintendent in some way and give him a special pat on the back.

This is the time of the year when job openings generally begin to appear. The policy of the M.G.C.S.A. is that the information for a head superintendent opening be submitted to the president who then checks out the facts with the club before an employment notice is sent out to the general membership. You have already received some notices by a special mailing. In the case of other openings, assistant employment superintendents, mechanics, etc., these openings are not covered by special mailings. We suggest a small advertisement in HOLE NOTES to fill this need.

The September scramble is filling up fast at Minikahda so get your entry in right away. It promises to be a really great day.

Our thanks to Dick Toupal and his North Oaks staff for providing a great day for our individual tournament last month. The winners will be introduced at the scramble tournament. Thanks to all who participated and made it a great day.

### TO SERVE IS TO GROW



by KERRY GLADER MEMBERSHIP CHAIRMAN

As I sit down to write this article, many different topics flow through my mind. I could write about sand topdressing on sixty year old greens, headaches with tight money, syringing (something we all know too much about right now), or disease. For some reason these topics seem dull, hum-drum, and nothing new. My experiences here in St. Cloud also seem unexciting and fairly routine. So, now having weeded through my mind I have still got a mental block



on what to write about. After paging through some of our past HOLE NOTES to see what other authors found to write about, I stopped at the page listing the officers and directors of the M.G.C.S.A. It made me think of my experiences as a director.

At last, my subject matter is to be on my position as a director and an opportunity to ask the membership to offer themselves for the upcoming elections in December.

When I joined the M.G.C.S.A. I was what seemed the youngest member. I attended meetings when it seemed convenient and they were close in location. Over the last eight years I have changed my attitude.

I never really expected to become part of the Board of Directors. I did not think I was qualified. Three years ago I was asked by then President Dennis Hendrickson to consider appointment to the Board of Directors. I took the opportunity and am very glad I did. The following year I was elected to a two year director position. I wasn't sure what to expect, but I was excited at the possibilities. I offered myself for membership chairman and was given it. I feel I have benefited because of this by meeting new members and making friends of those already in the membership.

Now the tables are turned. I'm helping new members become part of this organization.

I have discovered many benefits of being an active member. My attendance has greatly improved but not because it is required. I feel like an equal associate of superintendents, young and old. There is some work involved, but I am giving to an organization that, in turn, gives to me. I cannot imagine not having the research and other programs available to us through our organization. I feel with an annual growth of ten percent, we continually bring in new ideas, new facilities to visit, new problems to solve and help with. But above all, we open ourselves to others for that support that we all need, especially after a year like 1983.

continued on Page 5

# **Greensmaster 3**° The Professional without equal.

Quick disconnect reel motors simplify conversion from cutting unit to thatching reel or spiking reel. Customizing options include reel shutoff kit, quick height of cut adjustment, choice of 3 rollers, brush/scraper.

The Toro<sup>\*</sup> Greensmaster 3<sup>\*</sup> is top ranked in quality of cut because no other greensmower in the world has cutting heads isolated from the traction unit and grass baskets. That means a uniform cutting height, appearance and playing characteristic to each and every green. Powered by a 14 HP Kohler engine, it is a fast and agile performer.

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Attachments make the Sand Pro<sup>®</sup> even more useful. Options include spiker, finish-grader, edger and drag mat.

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What does this all add up to? Simply, that anyone interested does have the ability to make themselves available in becoming a part of the Board of Directors to help us in guiding this organization the way our membership would like to see it done. I will never regret the time I have spent and hope to spend. If you are offered the opportunity or wish to offer yourself, please let it be known to the Nominating Chairman Larry Mueller. You will benefit yourself, your job and our organization.

### **Employment Opportunity**

ASSISTANT SUPERINTENDENT Experience and Education essential Full benefits and vacation. Salary range: \$18-25,000. Receive applications through September. POSITION FILLED OCTOBER 1. Duties include: Supervision of crew; irrigation repair, golf car repair; supervise and implement cultural programs. Send resume to: Golden Valley Country Club c/o Douglas Dieter 7001 Golden Valley Road Minneapolis, Minnesota 55427

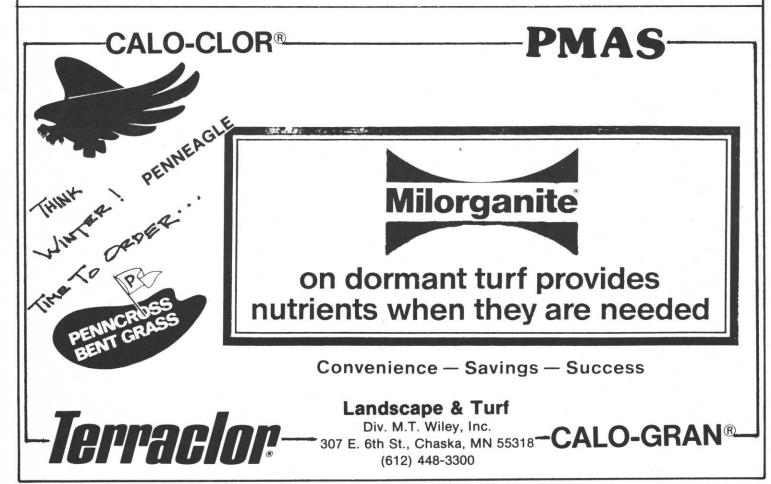
# EDITOR'S CORNER



by BOOTS FULLER EDITORIAL CHAIRMAN M.G.C.S.A.

The stress of July and August has really been felt by a lot of us in the golf course maintenance business. Mankato has not been spared. Trying to deal with the "annual bluegrass syndrome" of Minnesota summers has been a severe test, at best, for many of us. I'm sure that most of us will including yours truly he anticipating the cooler temps and lower humidities. Even some rainfall would help. Two-tenths of an inch of moisture finally fell in the Mankato Golf Club

CONTINUED ON PAGE 7



# THE GREENSAVER AERATOR

If you now aerate fine turf with a walk-type aerator, the Greensaver should be one of the first accessories you add to your Turf-Truckster system-it gets the job done up to 10 times faster.

With the optional live hydraulics, the Greensaver can aerate greens and other delicate turf areas. The Greensaver's steel tines penetrate as deep as  $2\frac{1}{2}$ " for professional results.

And since your aeration needs change with the seasons, Cushman offers three interchangeable aerating drums; a <sup>1</sup>/2" coring drum to remove the most soil during fast-growth periods; a 3/8" coring drum for slower growing seasons; and a slicing drum that lets turf "breathe" during summer hot spells.

You'll never have to spend time cleaning up cores with the Greensaver, because both coring drums collect the soil inside. When the drums are full, just dump the soil in a convenient spot. And if you'd rather windrow the cores to the turf for top dressing, simply remove the side panels.

What's more, the new Turf-Trucksters can be equipped with an optional live hydraulic system that lets you raise and lower the Greensaver right from the driver's seat, without having to stop the vehicle.

So the aeration gets done quickly, professionally, and thoroughly.

#### **GREENSAVER SPECIFICATIONS:** (Subject to change without notice.)

SLICING TINE DRUM: PATTERN WIDTH: 223/4". PATTERN: 31/4" x 4". DRUM: Heavy 12-gauge steel drum. TINES: 112 tines per unit. Special heat-treated formed steel.  $2^{1/2''}$  deep.  $2^{3/4''}$  base. FRAME: Heavy steel welded construction. Method of attachment: 3 pull pins. 3/8" TINE DRUM: CORE SIZE: 3/8" x 7/8' PATTERN WIDTH: 223/4". PATTERN: 31/4" x 4". DRUM: Heavy 12-gauge steel drum. Trap door for core removal. TINES: 112 tines per unit. Special heat-treated formed steel. 1/2" TINE DRUM: CORE SIZE: 1/2" x 3/4" PATTERN WIDTH: 223/4". PATTERN: 31/4 x 4". DRUM: Heavy 12-gauge steel drum. Trap door for core removal. TINES: 112 tines per unit. Special heat-treated formed steel.





The Greensaver delivers a precise 31/3" x 4" pattern of aeration.



With the optional live hydraulics system, you can raise or lower the Greensaver as you work.



area on the morning of August 15. The first appreciable amount since July 2. And there have been other places as bad and some, even worse. But better days do lie ahead. We just hope that we and our members have the patience to wait for them.

On a brighter side, the picnic at Baker Park was a super show. Great weather, good swimming and golf, fine food and hospitality as well as a good crowd all helped to make the day a memorable one.

The golf tournament at North Oaks also had a pretty decent day. Some early rain, then some heat and humidity but those in attendance got their golf in. Even those of us who only played three was still holes! But it fun. An escellent lunch and fine hospitality from Dick Toupal and the staff at North Oaks all made the day an enjoyable one. The outing at Minikahda in September will also be a good experience. Hope to see many of you there.

Many thanks to those of you who contribute articles for the HOLE NOTES. These are greatly appreciated. There



still is time for those of you who would like to contribute before the end of the year. Please contact me if you have something to share.

### NATIONAL CAR NICOL



#### by JIM NICOL, SUPERINTENDENT BUNKER HILLS GOLF CLUB

During the last four years Bunker Hills has been privileged to host the National Car Open. Our preparation is as follows: the greens are mowed daily at 9/64", the full perimeter is mowed the first day, then mowed in 1 foot the second day and skipped the third day. This schedule mentioned above is followed both pre and

continued on Page 8

MINNESOTA FRAC SAND COMPANY is now offering two grades of highly recommended silica sand for building greens and tees, as well as for topdressing and sand traps, at their Jordan Plant. This sand has been University tested and approved. Results can be obtained from the MINNESOTA FRAC SAND office. The particle size analysis of our two products is shown below.

SOIL MIX MATERIALS	GRAVEL > 2mm (>9 mesh) %	TOTAL SAND (9.300) mesh %	SILT .00205mm (< 300 mesh) %	CLAY <.002mm %	SAND FRACTIONS					
					VERY COARSE 1-2mm (9-16 mesh) %	COARSE 0.5-1mm (16.32 mesh) %	MEDIUM 0.255mm (32-60 mesh) %	FINE 0.1-25mm (60-140 mesh) %	VERY FINE 0.051mm (140-300 mesh) _%	PRICE/TON F.O.B. Jordan
Sand 4070	0.0	99.7	0.0	0.3	0.0	0.3	86.9	12.4	0.1	\$6.00/ton
Sand 3560	0.0	99.7	0.1	0.2	0.0	0.5	98.6	0.5	0.1	\$10.00/ton

### PARTICLE SIZE ANALYSIS

Because of our convenient location, and highly competitve price, pure silica sand can now be purchased at a similar price as local mortar sands. Combinations with peat can be arranged through Leitner Company in St. Paul. Contact your Minnesota Frac Sand Sales Representative for further information.

#### MINNESOTA FRAC SAND COMPANY

P.O. Box 265 Jordan, Minnesota 55352 **PHONE: (612) 492-6030**  **BROCK WHITE COMPAN** 

CONSTRUCTION SPECIALTIES

August 31, 1983

Minnesota Golf Course Superintendents:

Over the years I have watched with respect the struggle to bring tees and greens through Minnesota winters. The problems seem to be random and varied, hitting some greens and not others, killing in some years and not in others. Some winters appear to be too dry and the grass is damaged by desiccation, while in other years it may be too wet and ice or water seem to do the damage.

Two years ago I asked Dr. Don White to help run a series of experiments with a variety of protection materials to see if we could identify a covering material that would be reliable in protecting greens and tees through Minnesota winters. Last winter we ran a series of experiments with the cooperation of Bill Johnson and Gerry Murphy to evaluate our product selections here. Experiments were also conducted in Saskatcnewan, Nebraska, Kansas and Michigan. Although results were inconclusive (it was a very strange winter) we decided that certain geotextiles show real promise for turf protection over the winter season.

Work initiated two years ago by Dr. John Roberts, Turf Specialist, University of New Hampshire, using various covers over two winter seasons produced promising results with Dupont's spunbonded polyester "Reemay". See his letter on the reverse side for some of the benefits. This is the product we have decided to market.

"Winter Green Covers" made of Reemay® are manufactured by Dupont Co.. A price comparison of this product, together with other commonly used covers, is as follows:

PRODUCT DESCRIPTION APPROXIMATE COST Excelsior Blankets \$.15/SF Saran Shade Cloth .35/SF Winter Green (spunbonded polyester) Covers .05/SF

As of September 15th we will stock Winter Green Covers in rolls 12' x 100' that come properly hemmed for anchorage and with steel wire stakes available.

We believe it is time for you to test Winter Green Covers on your difficult greens and tees. Please call me for literature and prices, and with any questions you may have at 544-8786 (Minnesota WATS #800-742-0571).

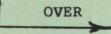
Sincerely

Vayne Brock

General Offices:

612/544-8786

755 Florida Ave. S. Minneapolis, MN 55426



William L. Garrett E.I. duPont de Nemours & Co. Centre Road Building Wilmington, DE 19898

Dear Bill,

This past winter we evaluated Reemay® as a protective cover over golf greens in New Hampshire. Wind and ice damage is severe in this area as it frequently is in colder climates. Our objective was to determine if a lightweight, inexpensive cover would minimize winter desiccation damage to golf greens.

The results are exciting as you can see from the photograph, providing greens with a higher quality turf up to two weeks earlier in the spring than would have otherwise been the case. A protective putting green cover of Reemay® accomplishes several beneficial functions:

- \* Reduces Turf Desiccation Reemay® shields the turf from drying winds and keeps moisture in the plant and soil surface.
- \* Speeds Spring Green-up Reemay® captures the sun's energy, increasing soil temperature (up to 15°F.) which allows late fall fertilizer to release quicker in early spring and hastens the rate of turf growth (roots and plants) and color by 5 - 14 days.
- \* <u>Keeps Traffic Off</u> Reemay® prevents golfers from trampling the turf and soil surface in those days shortly after the snow melts and temperature rises.
- \* Faster Germination Rates When Reemay® is placed over early spring seedings, the increased soil temperature increases germination rates by 7 - 10 days.

To install Reemay® over golf greens and other critical areas on the course:

- \* Time of Application Apply Reemay® as soon as possible before snowfall or after the course is closed for the winter.
- \* How to Pin Reemay® Down Cut fencing wire (14 gauge) into 10" lengths and bend in half (into a U shape). Place one pin every 4' through the cover holes provided along the reinforced edge of the cover.
- \* Date of Removal Leeve Reemay® on until you are ready to mow or open the course. In other words, as long as possible.

Sincerely,

John M. Roberts Extension Specialist, Turf

post tournament. Consequently, this helps relieve the "race track" effect perimeters of greens acquire during the year. During the first week of June we apply 2 lbs. of N per thousand square feet and aerify the second week of June. I have found the holes fill in faster and very little fertilizer is picked up. Four weeks prior to the tournament topdressing is applied lightly to help smooth the putting surface. During the tournament greens are vertical mowed lightly and double cut every night. Greens are then double cut in the morning to give us a true and smooth putting surface which measures 10 feet on the stempmeter. Because of the high sand content there is very little disease problem and fungicides are applied as needed.

Tees are mowed three times a week and every day during the tournament at 3/8". Aerification is done the first week of June with 1/2" times. Fertilizer is applied at the rate of 2 lbs. per thousand square feet in June, end of July and September. Fairways are cross-cut on Mondays; mowed Wednesday, Friday and Saturday. Fertilizer is applied at the rate of 2 lbs. per thousand during May, July and September.

Preparation of the golf course is just part of any successful tournament. Many volunteers are needed for duties in crowd control, scorers, spotters and rules. These people are supplied by National Car Rental, our Men's and Ladies' Clubs and the P.G.A. Without the efforts of all these fine people no tournament would run as smoothly as the National Car Open does.

### ASSOCIATES' CORNER

by MIKE REDMOND SCOTTS PROTURF

After working on a golf course in South Dakota all through high school, I attended Penn State University in 1966. Upon graduation I worked on a golf course in California for one season. Returning to the upper Midwest in 1969 I continued on Page 9



went to work at Town and Country Club for four years as the assistant superintendent.

In 1972 I contacted the O. M. Scott & Sons Company for an opening they had in Wisconsin with the ProTurf Division. We did not get together at that time, but when the Tech Rep in Minnesota resigned in 1973, I was hired for the Minnesota territory. I now cover fifteen counties in Wisconsin, all of Minnesota, all of North Dakota and two counties in South Dakota.

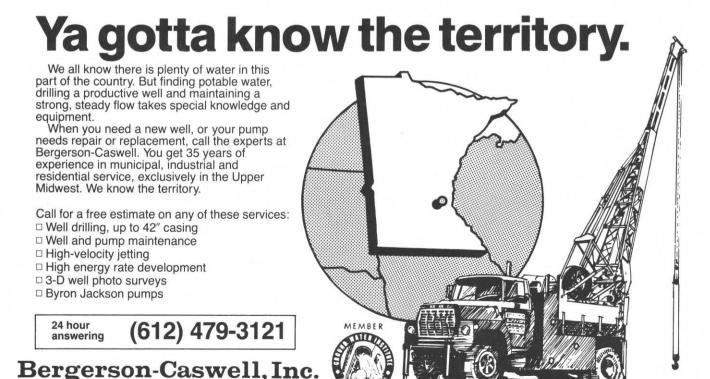
For those of you who are not totally familiar with O. M. Scott & Sons, they started as a small seed company over 100 years ago in Marysville, Ohio and have grown to be a leading fertilizer manufacturer and pesticide formulator. Scotts does all of their own fertilizer manufacturing and we formulate other companies' pesticides. This gives Scotts an opportunity to get on ground floor research with а lot of the new pesticides coming on the market. At 24 PhD's present, Scotts has over leading our research facility. We also have over 150 acres dedicated to nothing but turf research.

Having been a part of the ProTurf Division for over ten years, I am very happy and proud of my company. Also, I am happy to be a part of the M.G.C.S.A. and am looking forward to another ten years and the making of a lot of new friends in this organization.

### TOURNAMENT REPORT

The M.G.C.S.A. 1983 Golf Championship was contested at the North Oaks Golf Club on Monday, August 15. The following are the results of the competition:

- LOW GROSS: 73-Gary Peterson 74-Dan Hanson, Mike Klatte LOW NET: 63-Orlan Quast 65-Dave Zimmer
- LOW GROSS SENIOR: 76-Jerry Bibbey LOW NET SENIOR: 67-John Beyer LOW GROSS ASSOCIATE: 72-Larry Vetter LOW NET ASSOCIATE: 70-Tom Haugen HIGH BOWLERS SCORE: 130-Russ Rose



5115 Industrial Street • Maple Plain, MN 55359

### MEMBERSHIP REPORT

It has been several months since we have published the list of new members and reinstatements. We welcome the new members with a fervent wish that they become active and participating members in M.G.C.S.A.

NEW MEMBERS: Greg Hubbard, Class A, Manitou Ridge; Chester Wegner, Class A, Cimarron Golf Club; Richard Christianson, Class B, Shattuck Golf Course; John Haldeman, Class BII, Manitou Ridge; Jim Hasz, Class BII, Woodmore Golf Club; Tim Spencer, Class C, Town and Country Club; George Bryan, Class F, Bryan Equipment; Robert Neary, Class F, Neary Mfg. Co.; Robert Fredricks, Class F, Minnesota Toro Co.

REINSTATEMENTS: Joe Thein, Class F, Bartley Supply; Tom Johnson, Class A, New Richmond Golf Club; Bob DeRusha, Class A, Cloquet Country Club; Mike Lehrer, Class E, Chemlawn Corp.; Mike Klatte, Class A, Elm Creek Golf Club.



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#### TREATING BURNS: PROMPTNESS PAYS

Burns are among the most painful injuries, simply because their effects are immediate. However, prompt action can minimize the injury, alleviate the pain and lessen the chances of long-term scarring.

First-degree burns, those caused by hot water or steam, usually don't require medical treatment. Submerge the injured area in cold water (not ice) until the pain subsides, then blot the area dry with a sterile cloth and apply a dry dressing.

The same treatment is effective for second-degree burns. Second- degree burns usually can be identified by a red or mottled appearance blisters. and For third-degree burns. which look white or charred, don't immerse in water. Simply cover the burned area with a sterile dressing and seek immediate help.

Contrary to some folk remedies, you should not put ointments, butter or any other medicine on a burn.