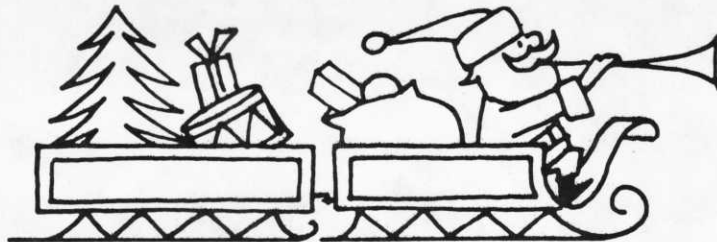




SEASON'S GREETINGS



One of the joys of the holiday season is the opportunity it affords to say "Thank You" for the pleasant memories of a year of rewarding association and to extend best wishes for the coming year

Thank you for your continued support and interest in our products. We hope the New Year brings forth good will and success to you.

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HOLE NOTES

OFFICIAL PUBLICATION OF THE MINNESOTA GOLF COURSE SUPERINTENDENTS' ASSOCIATION

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FROM THE PRESIDENT'S DESK

DON LINDBLAD

This being my final message as M.G.C.S.A. President, I would like to offer my thanks to fellow officers Dale Caldwell, Kerry Glader and Mark Smith. Also my thanks to the Board of Directors and all the committee chairmen who made my job a pleasure as well as a rewarding experience.

As we look to the future our new president, Dale Caldwell, will, I'm sure, continue to emphasize education and research as the main thrust of our association. We will continue to sponsor projects like the University of Minnesota test green from which we gather important information on how to better serve the game of golf.

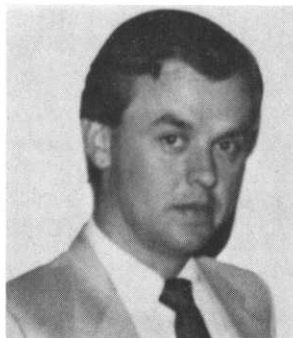
One way we can improve immediately is to explore our ranks and find interested and capable people who are willing to serve on the Board of Directors. Your input and dedication are needed to keep our association strong and progressive.

You might also consider attending the 56th International Golf Course Conference and Show in Washington, D.C. February 5-13, 1985. It promises to be truly spectacular, featuring 23 seminars, a U.S.G.A. Green Section program and the best ever trade show featuring the latest machinery. Former President Gerald R. Ford will be presented the Old Tom Morris Award at the gala banquet concluding the conference.

Thanks again to all of you! My best wishes for a Happy Holiday Season and a successful and productive 1985.

**Happy New Year
From
Your Hole Notes Staff**

FIRST YEAR SUPERINTENDENT



by MICHAEL OLSON
GOLDEN VALLEY COUNTRY CLUB

Now that I have one year behind me as superintendent of the Golden Valley Country Club, I look back over that year and think about all the things I have learned about golf course management.

The things in which I feel helped me the most in the transition from assistant superintendent to superintendent were the experiences and responsibilities I had as an assistant superintendent. Being given the opportunity to attend greens committee meetings, assignment of the daily operations on the golf course, attending local, regional and national conferences are a few of the things which I think helped. What I believe it all comes down to is the more you are exposed to as an assistant, the better you are going to be prepared for the superintendent's position.

The first thing I did as superintendent was to evaluate the entire property, to try and sort through everything and put the priorities in order. Once these priorities were established long hours were spent trying to accomplish them. There was so much work to be done from making the changes that I wanted to doing things that just were not done over the years for one reason or another. I think the most frustrating times were not being able to do all that I wanted to do because of too few people, not enough equipment or just not enough money. The season seemed to go by very fast and I feel fortunate to have had an easy summer for my first year of growing turfgrass.

I feel that good communication among the different people a superintendent deals with is very important. Good public relations with the membership, greens committees, management staff, grounds crew and others makes the job go much smoother. Good communication with other superintendents is also very important in solving problems which come up, loaning equipment or probably most important, getting spirits and interests renewed!

I think that on a whole my first year as a superintendent went very well. My crew and I received many favorable comments and some negative ones. We had good weather most of the growing season. We had some good luck and the most important asset for a successful season for any superintendent is a good responsible group of people working for you.

There were frustrating times and there were good times. We learned a great deal from the mistakes we made and I am very anxiously looking forward to and planning for next spring.

One of my goals for next year is going to try and host a M.G.C.S.A. monthly meeting. I know many of you haven't seen Golden Valley in many years and we would like to have you here.

ASSOCIATE'S CORNER NEW TOPDRESSING AND SAND TRAP SOURCE

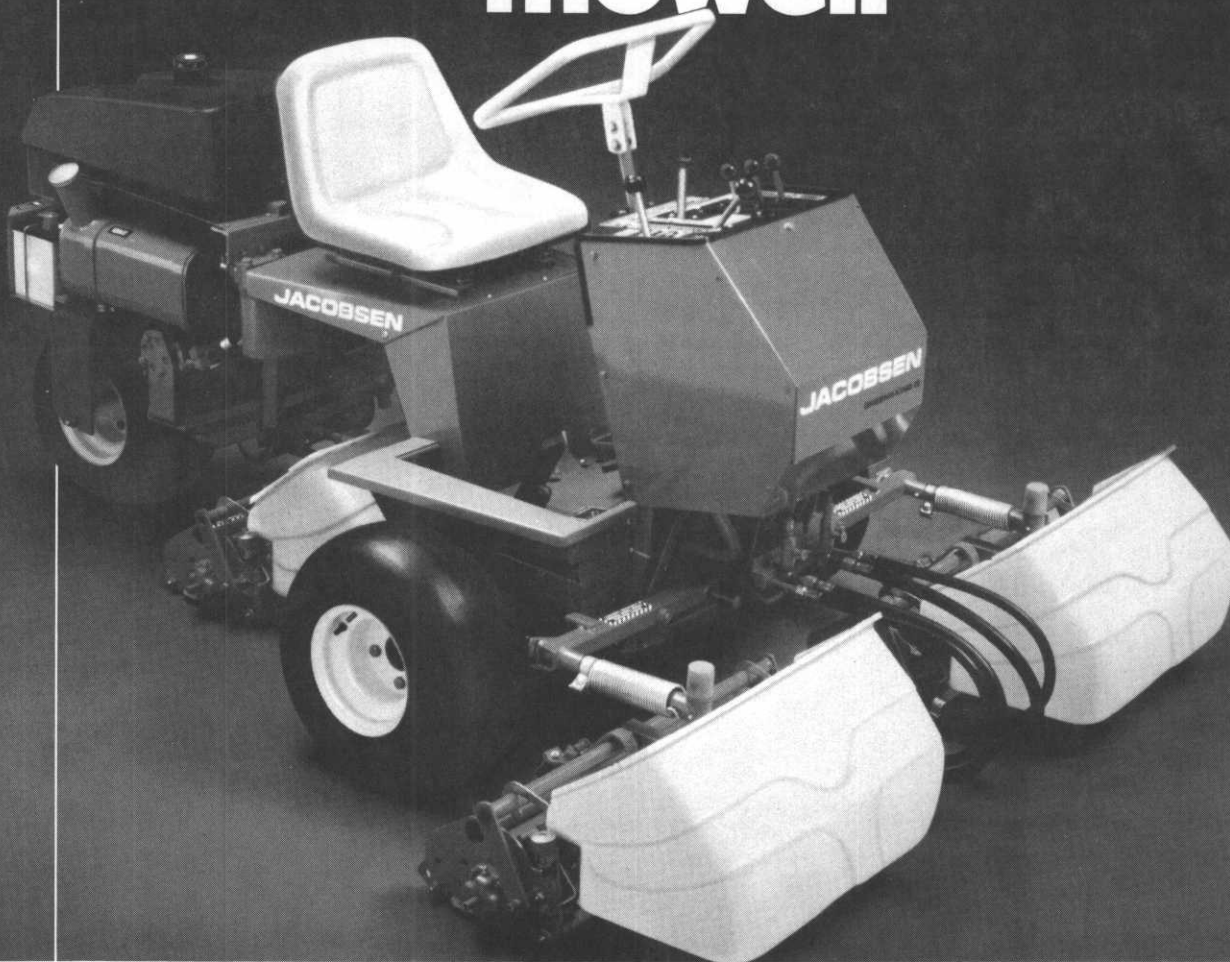
by GAY-LYNNE SNYDER
MINNESOTA FRAC SAND

Thirty miles southwest of the Twin Cities, located on a 198 acre site along Highway 169 is Minnesota Frac Sand, a new supplier of silica sand.

A Division of the J. L. Shiely Company, Minnesota Frac Sand is currently in its third year of business. Plant construction began in the fall of 1980 and the summer of 1981 marked the first shipment of a premium quality silica sand to the oil servicing companies.

continued on Page 5

**You just
can't buy a
better greens
mower.**

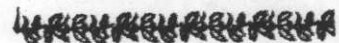


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ALL THE BEST WISHES
FOR A
HAPPY HOLIDAY SEASON



Physical properties of the 520 million year old, loosely consolidated sandstone deposit are its cleanliness, purity, unique roundness and resistance to crushing which make the sand well suited for fracturing oil and gas reservoirs. The Jordan sandstone was formed on the beaches of an ancient Cambrian sea from quartz grains which were freed by the erosion of the granite in the Canadian shield. It is found only in the Hollandale embayment, a geological structure located in southern Minnesota and western Wisconsin. The quartz sand was washed, sifted, sorted and resorted by repeated tides and winds over millions of years before it was protected from erosion by younger sediments.

Golf courses are one of the end users of this unique sand product. Several golf courses within a 70 mile radius use Minnesota Frac Sand - 40 and 3560 for construction and topdressing of greens and tees and also for sand traps. Due to its cleanliness and uniform medium particle size, it offers excellent drainage properties. Its light buff color also adds to beautification of the course. Texas A & M University test results on particle size, bulk density, pore space distribution, infiltration rate, moisture retention and pH are available from Minnesota Frac Sand upon request.

Today, Minnesota Frac Sand employs 20 people and can blend different grain sizes to produce materials for various diverse markets..sizes range from #8 through #140 mesh. In addition to golf courses, other markets Minnesota Frac Sand supplies silica sand for include fracturing oil and gas wells, abrasive sands, filter sands, traction sands, glass sand, foundry sand, pesticide carrier sands, masonry sand,

sand used for production of cement, airport sand and filler sand.

Minnesota Frac Sand has many end uses for its silica sand and ships products locally as well as to the west coast and central Canada by truck and rail. Products are available in bulk or bag form. New markets are continually being looked at which would benefit from this basic mineral which is low cost, inert and consistent.

WHAT IS CYLINDER GRINDING? (OR FLAT GRINDING?)

by ARNIE BODHAINE
DWAN AND HYLAND GOLF COURSES

Cylinder grinding is grinding a mower reel while it is rotating in one direction and the grinding stone is turning in the opposite direction. The cutting stone moves back and forth automatically. This machine is also available without the automatic back and forth movement. On that machine, the cutting stone is moved back and forth manually. I prefer the "automatic" because the stone keeps the back and forth movement speed exactly the same at all times. There is less chance of the stone going slower or stopping and cutting a low spot or burning the fly knife. You end up with a perfect cylinder because all fly knives are ground at the same time with the same stone to fly knife adjustment.

With a normally worn reel, less metal is removed so there is a longer reel life because all you have to do is true up the reel. The bedknife grind is quite critical. If you get a good bedknife grind, no

continued on Page 7



MERRY CHRISTMAS AND A HAPPY NEW YEAR

from the **KROMER CO**

MOUND, MINNESOTA
TELEPHONE 612-472-4167



Season's Greetings

At this Happy Holiday Season, we are glad to put aside the routine of business and extend to you our thanks and appreciation.

One of the genuine pleasures in doing business is the friendships that are developed and we are grateful for yours.

We take this opportunity, therefore, to extend to you "Season's Greetings" with the profound hope that the New Year will bring you a full measure of Good Health, Blessedness and Security.

Rajah Kolb

Sincerely,

Dave Krupp

Don Balkengren

Race Jack Kolb
Fuchsen

TURF SUPPLY COMPANY

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ST. PAUL, MN 55121
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lapping in is necessary and more reel life and bedknife life is saved.

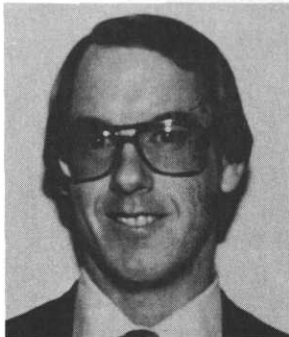
It has been our experience that less mower adjustment throughout the season is necessary.

The time saved in grinding and lapping is a plus. The old method of sitting up and grinding used to take us 1 1/2 hours per unit. Cylinder grinding takes about fifteen minutes per unit.

At Dwan we do the grinding for the rest of the City of Bloomington. This is a total of 100 reels per winter season. In man hours, this represents a sizeable dollar savings. The machine is expensive but so is labor. We estimate the machine will pay for itself in three years.

We have had this machine one and one-half years. However, we kept our line grind machine when we bought the cylinder grind machine just in case it didn't work out. Well, it is still sitting in the corner - not used once. We haven't found one reel that we could not grind with the cyl grinder.

EDITOR'S CORNER



by DOUG MAHAL
CHAIRMAN
EDITORIAL COMMITTEE

I trust everyone had an enjoyable Thanksgiving holiday. After a rigorous summer and fall schedule, it's a treat to spend some relaxed time with family and friends. As the season on the golf course ends, that season in the office begins. It's time to catch up on our records, start machinery repair, start planning for next season and blow the dust off the ice fishing house.

It's also time for me to evaluate the HOLE NOTES quality and content for the past year. It was my goal to continue the format started by Boots Fuller in 1983 with a strong emphasis on receiving newsletter material from members we don't hear from very often. I felt reasonably successful in that endeavor and I'd like to thank all those who did contribute their thoughts and ideas from which all of us were able to benefit. I know as well as anyone how difficult it is to find time in mid-season to sit down and write an article. So, for those who did, your efforts are appreciated.

A big thanks to Long Lake Ford for sponsoring another great November meeting. Members we haven't heard from for many months always come out of the wood work to enjoy this one. If you missed it at the meeting, take a look at Ford's new 1900 series tractor. It's a beauty!

Now that the '84 golf season is over, it may become increasingly difficult to remain motivated for the next three or four months. In those spare moments this winter I might suggest reading a book on some aspect of your course operation in which you would like a little more information. Or perhaps one could catch up on all those trade journals that have been stacked in the corner for a rainy day. A lot of useful information is probably sitting in your office. One need only find it and read it.

It has been a pleasure to serve on the Board of Governors this past year and a real experience to serve on the Editorial Committee. I hope the HOLE NOTES have met with your satisfaction and if not, please send your comments and suggestions. Have a Joyous and Blessed Holiday Season.

STUDENT AVAILABLE

Student at Iowa State majoring in Horticulture/Turfgrass Management-Science is interested in golf course work. He would like a summer internship that could work into a full time job after college in the Twin City area. He has had on-course experience. Contact Paul Johnson, Birch 3279 Stevenson, Iowa State Univ., Ames, IA 50013.



*Season's
Greetings*

IT IS FOLKS LIKE YOU ...

... who make being in business a pleasure.

You have enabled us to grow. You've encouraged us to do a better job and for this we are deeply grateful.

So now at this Holiday Season, we want to express our sincere appreciation for the part you have played in making our business what it is today. We will always do our best to justify your faith in us and in our ability to serve you well.

In the Spirit of the Christmas Season, we wish you a Joyous Holiday ... with good health, happiness, and prosperity throughout the coming year.

JOYOUS HOLIDAYS!

**GOLF CAR MIDWEST
BURNSVILLE, MN**

LOOKS LIKE A SELLOUT

The 56th International Golf Course Conference and Show sponsored by the Golf Course Superintendents Association of America (GCSAA) appears to be headed for record-breaking attendance again this year. This appears to be true for all areas of the Conference and Show which is to be held February 5-13, 1985 in Washington, D.C.-- educational seminars, spouse programs, banquet and show, exhibit show.

The 1984 Conference and Show in Las Vegas set attendance records with nearly 10,000 persons attending. The 1985 International Golf Course Conference and Show in Washington, based on early registration, is expected to exceed the 10,000 mark.

Of the 23 educational seminars scheduled, one is already full with three others nearly full. It is anticipated that all seminars will be full by the beginning of the Conference in February.

The reason for the high interest in this year's seminars, according to James G. Prusa, CGCS, GCSAA Director of

Education, is that, "Today's golf course superintendents are becoming more aware of the need for continuing education and realize the GCSAA International Golf Course Conference and Show is the best place to fulfill their specialized educational needs. And we are continually offering more and better courses that will help those superintendents better manage their golf course operations."

Registration for the gala Banquet and Show is also running ahead of last year's record-setting pace. This gala affair is scheduled for Tuesday, February 12 and features the presentation of the Old Tom Morris Award. The 1985 recipient of this award is former President of the United States Gerald R. Ford. Ford has indicated he will be present to receive this most prestigious award. Two former recipients of this award, Arnold Palmer and Bob Hope, are expected to be present. Entertainment following the banquet will be provided by Tanya Tucker.

Registration for the GCSAA member golf tournament is limited to 288 and the registration figure "is approaching the 200 mark already," according to Diana Green, GCSAA's Membership Director. The member tournament will be held on two courses on Hilton Head Island with the spouse tournament being held on two courses at the nearby Moss Creek Plantation February 2-5, 1985.

A date to be remembered by those expecting to attend the Conference and Show but who have not yet registered, is December 21, 1984. This is the deadline for advance registration. "Through advance registration, attendees are more apt to receive their choices of seminars and will still receive priority housing and priority seating for the banquet, while saving money," said John M. Schilling, GCSAA's Executive Director. Those registering after December 21st must pay regular fees for registration and seminars.

Although registration counts are reaching GCSAA in a record-setting pace, members should not feel that it will be difficult to obtain housing, banquet reservations or desired educational seminar registration. There is still time, although early registration is encouraged.

For more information and for registration call 1-800-GSA-SUPT.



NOVEMBER MEETING HIGHLIGHTS



COUNT DOWN. Long Lake Ford Hosts Bud Shaughnessy, left, & Jim Cox open the bar for complimentary cocktails.



WEEDY WATERS. Kevin Kretsch, right, and Mark Kiser of Lake Restorations, Inc. have the answer for clean lakes and ponds.



NO SLIGHT OF HAND. Bud Shaughnessy's hand better not be quicker than the eye as his every move is watched.



POWER PLUS. Tom Fischer of Voyager Village came all the way from Wisconsin to kick a tractor tire.



YOUTH. Young new members ready for the challenge of greenkeeping are, left, Mike Schilling and, right, Lane Stave.



CALL AND RAISE. Jim Lindblad, center, has a great hand and the others are going to have to pay to see it.