

Another method which proved to be more permanent but also much more expensive and time consuming was to fill the areas with 3 ft. of a gravel and clay soil; then 8" to 12" of top soil layer. This proved to be an unlikely solution due to the large areas involved.

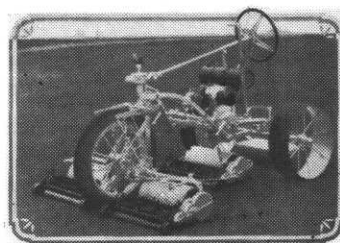
The plan for this spring is to do a complete renovation of the fairways. This process may involve adding one or two ponds to try and stabilize the water table and stop the deterioration of the peat soil. We are also going to try a new fabric material which was developed for road construction...laying the fabric over the roughest areas and filling with two to three feet of soil. They use this fabric when building roads through swampy areas. Though it's very expensive, we are hoping it will solve our problems.

So I would like to ask association members that if any one has had success with a similar problem, share his experience. Any suggestion would be greatly appreciated.

ASSOCIATES' CORNER

by

JAMES KAUFMAN, PRESIDENT
MINNESOTA TORO, INC.



1934 TORO RIDING GREENSMOWER

The name Toro has been around the Minnesota Golf industry since the early 20's. Toro participated with Supt. Charlie Erickson of the Minikahda Club to develop the first gang mower, mechanically powered. Names such as Kenneth Goit and Scotty McClaren are well entrenched in the history of Minnesota Golf Superintendents' Association during the formative years and with Dr. James Watson in the most recent years.

**Keep
this card
handy.
It could
save you
time
and
money.**



In the late 1940's, Minnesota Toro, Inc. was created and was appointed by The Toro Co. as their exclusive, specialized distributor for the Minnesota, Dakota's and Western Wisconsin areas. As the products, materials and sophistication of turf grass care developed, so did the manufacturers with their products and their distributors with their services.

Minnesota Toro, Inc. is quite typical of specialized distributors in the turf business. It has three specialized and staffed operating groups, which service the consumer products through dealers, turf irrigation products and the golf and commercial products. As these developments created demand, Minnesota Toro moved with the times and expanded into specialized field and inhouse service, both in irrigation as well as turf/commercial products. When Minnesota Toro moved into its current headquarters in Plymouth, Minn. in 1976, it had an opportunity to specially develop the facility to fit the needs of the business. The service shop had the #1 priority with its cranes, exhaust system, cleaning devices and modern grinding equipment, all to help create

an efficiency in the servicing and the set-up of more technical and innovative products for the golf course trade. To stay in touch with each of these businesses, each operating group has its own Vice President/Manager, with Glenn Rasmussen heading up the Commercial Products group and Tom Cartier the Irrigation group. Each group has its separate sales and service staff to better take care of the specialized needs of the golf course customers.

Over the past ten years, Minnesota Toro has regularly offered service schools, operator schools and maintenance product knowledge sessions, both in the major metropolitan market as well as numerous cities around Minnesota, the Dakota's and Western Wisconsin. Field days with truck and trailer transportation units are a regular part of the efforts to expose all golf course customers to new products and have a chance to try them before they buy them.

Both Glenn Rasmussen and Tom Cartier agree heartily that the turf industry is one that is vital, growing in sophistication and improving every year.

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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 tested and approved by Dr. Don Taylor of the University of Wisconsin, and tests have also been obtained from Texas A & M University from Dr. K.W. Brown. The particle size analysis of our two products is shown below.

PARTICLE SIZE ANALYSIS

SOIL MIX MATERIALS	GRAVEL > 2mm (>9 mesh) %	TOTAL SAND (9.300) mesh %	SILT .002-.05mm (< 300 mesh) %	CLAY <.002mm %	SAND FRACTIONS					PRICE/TON F.O.B. Jordan
					VERY COARSE 1-2mm (9-16 mesh) %	COARSE 0.5-1mm (16.32 mesh) %	MEDIUM 0.25-.5mm (32-60 mesh) %	FINE 0.1-25mm (60-140 mesh) %	VERY FINE 0.05-.1mm (140-300 mesh) %	
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

Because of our convenient location, and highly competitive 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

"It's an exciting part of our business and we certainly look forward to its future growth".

Both Rasmussen and Cartier stress that the Company continue to strive for excellence in serving the customers needs for quality products, parts, service and sound business programs. "After all, they say if we're not working harder to improve ourselves to better take care of our customers, somebody else will"!!!!

WILLING WORKERS

Two juniors in horticulture at the University of Wisconsin-River Falls are interested in work experience on a golf course this summer. One is from Woodbury and the other is from Northeast Minneapolis. They will be available approximately June 1 to August 31. Any superintendents in the Twin Cities area with a possibility of hiring them, please contact Don Taylor, (715) 425-3395.

MEMBERSHIP REPORT

by

KERRY GLADER
MEMBERSHIP CHAIRMAN - M.G.C.S.A.

We are please to welcome the following new members: Mark Poppitz, Class BII, Island View Country Club; Kirby Scharmann, Class BII, Farmers Golf and Health Club; Donald Abild, Class D, Windom Country Club; Marshall Undesser, Class BII, Olivia Golf Club; Harley Flor, Class F, Kate Haven Golf Club; Mark Kocak, Class C, Jackson Golf Club.

The following members received classification changes: David Dehne, Class D, Rolling Green Country Club; Roger Nelson, Class B, Luck Golf Club; Bill Whitworth, Class A, Northfield Golf Club; John Steiner, Class A, White Bear Yacht Club; David Wiesner, Class BII, Woodbury Racket and Golf Club; Tom Herzog, Class D, Mankato Golf Club.

**We're seen in all the
right places.**



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(612) 478-9880**