

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

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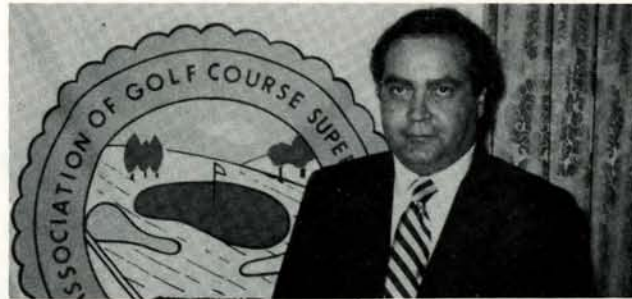
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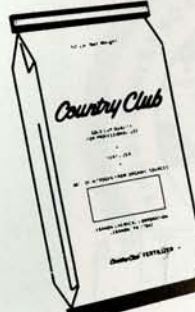
PRESIDENT'S MESSAGE

As your president I was a little embarrassed with the poor showing of Superintendents at the I.T.F. Golf Day. While at dinner I made a head count of Superintendents present, there were only sixteen. We need more support and I'm open to suggestions. One of my suggestions is to have our August meeting next year in conjunction with the I.T.F. Golf Day!

Your board of directors has unanimously approved hosting two of the national association seminars. They will be held at Pheasant Run on November 22 and 23. At the last minute the national decreased the minimum attendance requirement guarantee and with other incentives, made the entire package too good to refuse. Maybe some of our phantom consultants in the area should attend these seminars so they would know what they're talking about! I've been told some of their ridiculous recommendations and they made me cringe! It is nice to see the C.D.G.A. is again going to schedule their basic turf course. It's been a while since the past program which seemed to be a great success. Oscar Miles has offered the use of his new facility for the seminar and I understand this place has everything but robot mechanics!



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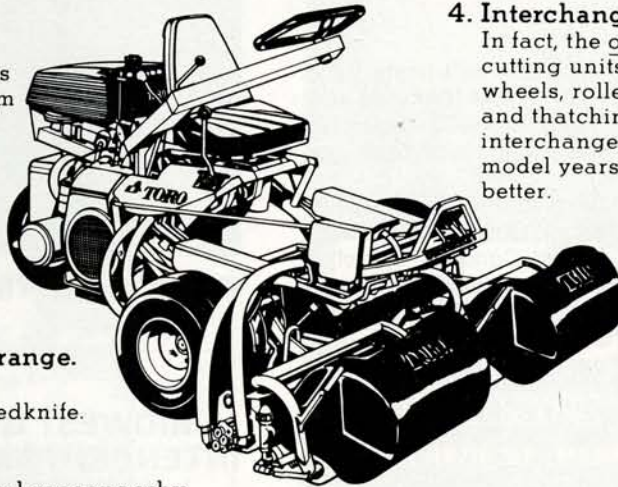
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LETTERS TO DAVE MEYER

Dear Dave;

Many thanks for the honorary membership in the Midwest Association of Golf Course Superintendents. It is an honor and pleasure for me to be associated with such a fine group of dedicated professionals.

I very much appreciate the many interactions and support from the members of your Association. With your help, we will continue to build an excellent turf program at the University of Illinois.

Best regards.

W. L. George
Head

Dear David;

My honorary membership card and certificate have been received and I am delighted to have them. As you know, my close relationship with MAGCS began in 1931. That it has endured all these years with their ups and downs is remarkable.

It has been my pleasure to have contributed material to the **Bull Sheet** now and then. The most recent was the paper "Better Turf - A World Concept" which I presented to the 6th International Grasslands Congress which was held at Penn State in 1952. The goals and aspirations enunciated then have held true.

Yours is a fine organization. I am proud to be a member.

Fred V. Grau
President

Dear David;

Thank you and the Midwest Association of Golf Course Superintendents for electing me an honorary member of your fine organization. This is an honor for which I am most grateful and very much appreciate. Thank you.

I hope that things are going well for you and your associates; we've had only a couple of days of summer, but they were good ones - 99-100 degrees! Hope it stays as comfortable through August.

With best wishes to the Midwest GCSA and to you.

James R. Watson
Vice President

Dear Dave;

Thank you very much for the honorary membership in the Midwest Association of Golf Course Superintendents. I honestly appreciate this courtesy. Believe you me, one of my goals for 1982 is to attend more superintendents' meetings and do more writing for newsletters. It is one of my responsibilities that I have been a little remiss in fulfilling, but hopefully with some of the recent changes in the Green Section staff, more time will be available for these projects. You know, I might even try and get my golf game back!

Again, I would like to thank the Board of Directors for this honor. If there is anything this office can do for the association, please do not hesitate in contacting me.

Best personal regards and hope this note finds you well.

Stanley J. Zonzek
North Central Director
USGA

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Position open for Golf Course Superintendent at Woodmar Country Club. Prefer turf management university graduate with experience. Liberal salary and benefits negotiable. Send resumes to Mr. Robert Tolley, Green Chairman, Woodmar Country Club, 1818 177th St., Hammond, IN 46324.



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MIDWEST GOLF COURSE SUPER-INTENDENTS ASSOCIATION EMPLOYMENT REFERRAL SERVICE

August 24, 1982

Title of Position Open - Golf Course Superintendent
Course Name - Hinsdale Golf Club, P. O. Box 120, Hinsdale, IL 60521
Duties - Golf Course Maintenance, Golf Course Budget & Purchasing Responsibility, Hiring & Supervising of Grounds Personnel, Training of His Crew for Execution of Their Responsibilities, Club House Lawns, Trees & Shrubbery, Maintenance of Golf Cart Fleet, Tennis Court Maintenance, Spring & Fall, Utilities Operation, Upgrading Golf Course, Starting and Maintenance of Sod Nursery, Maintenance of Roads & Parking Areas.
Course Operation - 18 Hole, Private Membership, 6249 Course Yardage, 123 Acres, Bent and Poa, Greens & Fairway, Automatic Irrigation System
Annual Basic Salary - Open
Number of Employees - 15 summer and 5 winter
Fringe Benefits - Club Paid Life Insurance, Club Paid Health Insurance, 10 days paid annual vacation, paid annual sick leave, dues paid for membership in GCSAA, Pension Plan, expense involved in attending Regional, National Educational Conference and GCSAA International Turf Grass Show. Region Association dues and monthly meeting expense.
Annual Maintenance Budget - \$300,000.00.
Requirements - College graduate in agronomy or equivalent, experience as Superintendent or Assistant
The Superintendent will be directly and fully responsible to the Grounds Chairman, James T. Moffat.
Send Resumes to - James T. Moffat, Grounds Chairman, Hinsdale Golf Club, 120 Chicago Avenue, Hinsdale, IL 60521
Position available - November 1, 1982
Application deadline date - October 31, 1982

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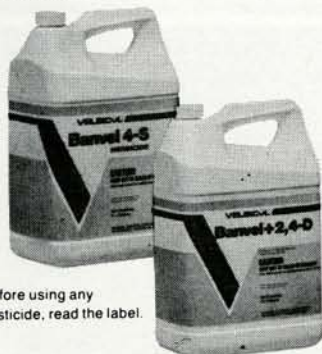


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HEIR APPARENT

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"Haven't you something less expensive?" asked the guest.

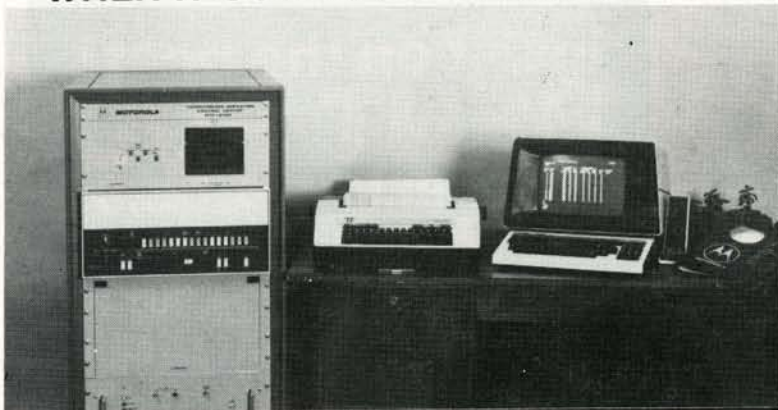
"Why yes, we have, but your son always has that suite when he stops here," said the clerk, who had noted the signature.

"That may well be, but my son has a rich father. I am not so fortunate."

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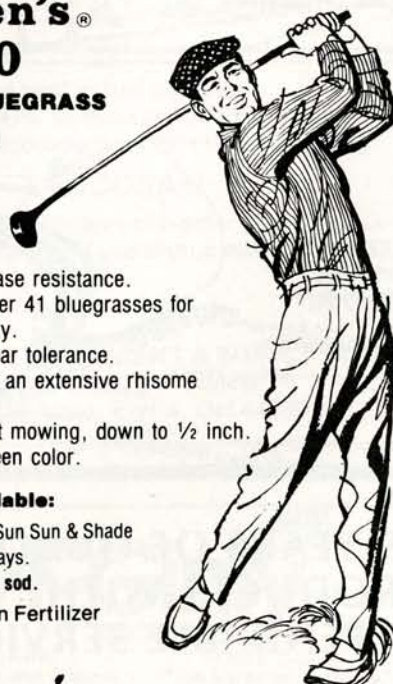
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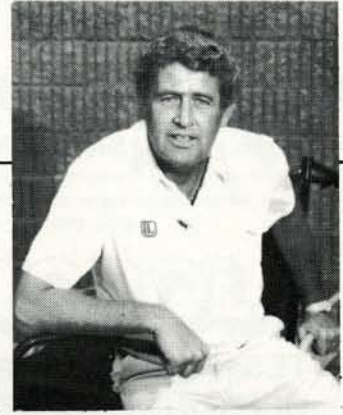
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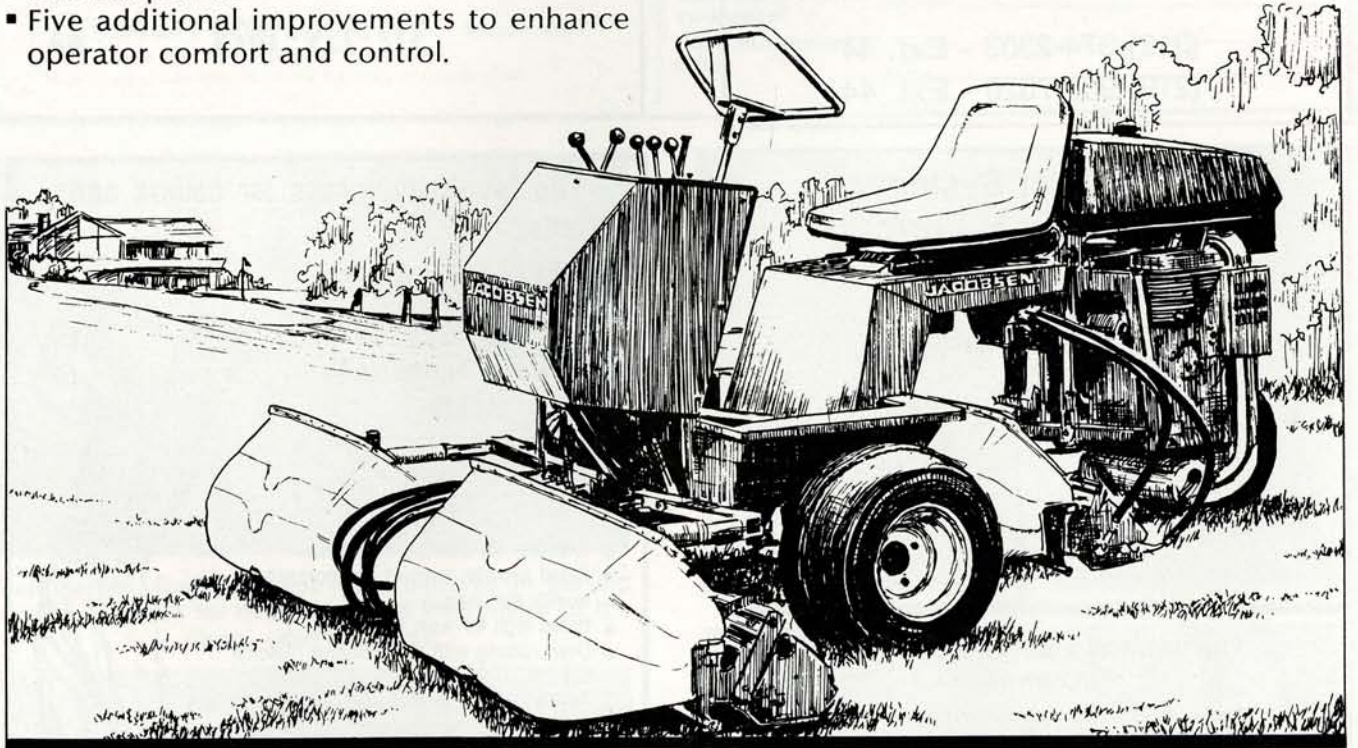


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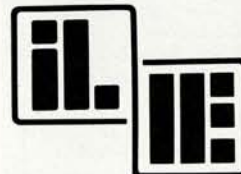
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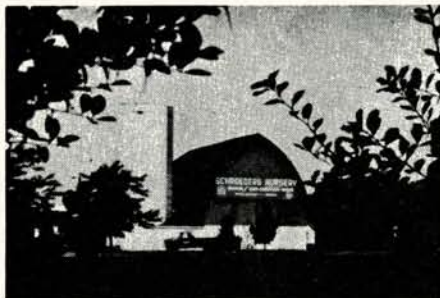


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SAND TOPDRESSING: SOMETHING OLD, SOMETHING NEW, MOSTLY BORROWED, NEVER BLUE

When I came to Ravisloe Country Club in 1981, I promised the membership to improve the thatchy, puffy, slow putting surfaces. The greens had been mowed at 3/16" and 2" to 2 1/2" of thatch had accumulated through the years. I had the opportunity to observe several superintendents in Wisconsin, who used a sand modification-topdressing program successfully while I was superintendent at Kenosha Country Club. I decided the sand program was the quickest way to achieve my goal.

The purpose of this report is to give an overview of the sand program as developed by the Wisconsin superintendents, the specifics of the program I am using at Ravisloe, the advantages and disadvantages as I see them, and a few comments.

In 1973, Dennis 'Skip' Willms, then superintendent of West Bend Country Club, decided to rebuild a problem green with sand. Both Skip and the Milwaukee Sewerage Commission searched for a sand that would meet J. H. Madison's recommendations and specifications for a suitable topdressing sand. Skip found a silica sand in Portage Wisconsin which had the desirable characteristics. The green was built and the sand used for construction was then used for topdressing. The results were outstanding. Skip decided to sand topdress the rest of his greens and fellow superintendent Wayne Otto from Ozaukee Country Club also started a sand program.

In 1975, the Lakeshore Sand and Stone Company found a sand within the desirable particle size range in a dune in Michigan. They started barging the sand to Milwaukee and the superintendents in the area started topdressing with Lakeshore sand. Most of the techniques used in my sand topdressing program were borrowed from the work and experimentation of the above mentioned Superintendents and others too numerous to mention.

Equipment used at Ravisloe for the sand topdressing program.

1. Lely type W ground driven spreader
2. (2) 3' x 5' coco mats
3. Mete-R-Matic model F-8 topdresser
4. Ryan Greensaire II with 5/8" tines
5. Cushman truckster (for pulling Lely and drag mats)
6. Jacobsen Greensking IV with extra set of cutting units used only for mowing off sand
7. Toro Greensmaster III with verticut units
8. Front end loader
9. Dump truck

The program was started at Ravisloe in March of 1981. The greens were aerified with the Ryan Greensaire II with 5/8" tine and the soil cores removed. The greens were then topdressed with Lakeshore sand applied with a Mete-R-Matic topdresser set at 3 1/2. This setting applied enough sand to fill the aerification holes without leaving too much sand on the surface of the green. The sand was allowed to dry, at which time the sand was dragged in with a flexible steel link type drag mat. The greens were then heavily irrigated and mowed two days later at 1/8".

Four weeks after the initial sand application, a program of light weekly or semiweekly sand topdressing was started. The light topdressing is applied with a Lely ground driven spreader pulled by a Cushman truckster. The spreader is equipped with a sand and salt kit, agitator, and a steel platform mounted on the front of

the spreader for a man to stand on. The feed ring is positioned in various setting holes, depending on the moisture content of the sand, in order to achieve even distribution. The feed ring opening is set at about 5 and the spreader is driven in various directions and patterns for even coverage.

The amount of sand applied is determined by monitoring growth and clipping removal. The more growth, the more sand applied; usually about 1/2 Lely hopper per green. Optimal growth is about 1/8 to 1/4 basket of clippings a mower per green on 6,000 ft. 2 greens.

Topdressing is accomplished with two men. One drives and loads the dump truck, loads the spreader, and rides on the spreader platform to make sure the sand keeps flowing. The other man drives the Cushman and helps load the spreader. Topdressing all twenty greens requires 2 1/2 to 3 hours.

After the light topdressing is applied, the sand is allowed to dry at which time the greens are dragged with the coco mats pulled behind a Cushman with smooth tires. The dry sand works in so well, it is difficult to tell the greens have been sanded. Usually after dragging, the greens are mowed with a special set of reels used only after topdressing. This mowing removes any grass blades or runners raised up during dragging and also cleans up any sand left on the greens.

Three or four times a year, a Mete-R-Matic is used to apply sand around the perimeter of the green where the triplex greens mower makes the circle cut. For this operation, the Mete-R-Matic is set between 1/2 and 3/4. This practice, along with mowing circles only two or three times a week, help eliminate wear and scalping caused by triplex mowing.

Other management practices used on the greens at Ravisloe are double vertical mowing before topdressing followed by dragging and regular mowing. This is done three or four times a year in the spring and early summer. The greens received 1/2 pound of nitrogen in 1981, (Milorganite applied in October), and 1/2 pound of nitrogen this spring (Scotts 22-0-16). Urea and ferrous sulfate are applied with fungicide sprays to keep the color reasonable. Aqua Gro wetting agent is applied at 2 to 10 ounce rates, the heavier rates applied in the rain. The greens are irrigated every three or four days with Rainbird 808 sprinklers in a center sod cup valve. The duration of irrigation varies from 1/2 hour to 2 hours depending on conditions. A normal disease control program is followed with fungicides applied at seven to fourteen day intervals.

The greens were aerified again the fall of 1981 using the same procedure of core removal and topdressing. The amount of sand applied was reduced to a 2 1/2 setting on the Mete-R-Matic, because the lower mowing height reduces the amount of sand which can fill the stem area. The source of sand was switched to Old Dutch sand due to better test results (more sand in the fine range than the medium range) and because the cost was less than half that of Lakeshore sand due to lower shipping costs. Also during the fall aerification, the greens were seeded with a mixture of Penncross and Penneagle bent.

The light frequent topdressing program was continued in 1982. The amount of sand applied has been reduced due to the slower growth experienced this year. The greens will be aerified and seeded one more time next spring. After that, the greens should not need aerification again, or at least, less frequently.

Advantage of sand topdressing:

1. Putts roll true and smooth.
2. The greens can be kept short and fast without