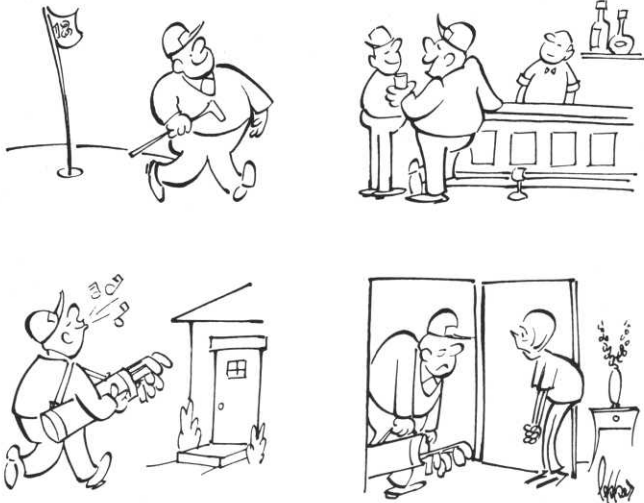


animals can be used to predict toxicity in humans, and that administering large doses of a chemical to animals for a short time can predict human toxicity for exposure of small doses over a long time span. Equating mice or rat tumors reported in lab trials to the human response is difficult, he points out.

Cink quotes the "Journal of the American Medical Association" as saying that to date only two pesticides have been proven to be human carcinogens (cancer-causing substances): vinyl chloride and arsenic.



GCSAA DONATES \$25,000

FOR TURFGRASS RESEARCH

The Golf Course Superintendents Association of America recently contributed \$25,000 to the USGA/GCSAA Turfgrass Research Committee to support ongoing scientific work on new turfgrass varieties that would require less water and be more disease resistant. GCSAA President Dennis D. Lyon, CGCS, made the presentation June 14 at the annual USGA/Golf Writers Association of American banquet during the U.S. Open in Rochester, N.Y.

More than \$2.8 million has been distributed by the committee since 1983, according to William H. Bengeyfield national director of the USGA Green Section. The Committee currently supports 25 research project, he said.

"We do thank GCSAA for the research funding they provide, and we also appreciate the time people like (GCSAA Vice President) Jerry Faubel, Dennis Lyon and (GCSAA Executive Director) John Schilling contribute to the committee." Bengeyfield said. "And \$25,000 is absolutely fantastic."

Lyon said: "GCSAA sincerely supports the USGA turfgrass research project. We look forward to working together with the USGA on other projects in the future."

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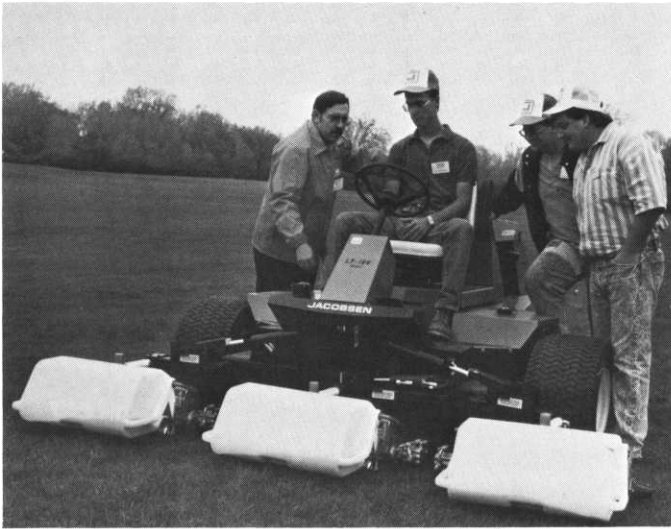
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INDUSTRY NOTES

News From MGCSA Associate Members



Turf students David Wood of Anoka Technical Institute, (seated) Troy Zufall, Purdue University (second from right) and Scott Thompson of Iowa State University discuss Jacobsen's LF-100 Fairway Mower with Training Manager Ralph Sylvester during the 22nd annual Jacobsen College Student Seminar in Racine, WI. A total of 36

students attended the three-day program.

The seminar gives graduating students the opportunity to meet educators, golf course superintendents and professional grounds maintenance personnel and benefit from their first-hand knowledge. In addition to classroom sessions, the seminar included field trips to local country clubs and Milwaukee County Stadium as well as a tour of Jacobsen's design and manufacturing facilities.

Jacobsen sponsors the seminar as part of the Company's continuing commitment to golf industry education.



"Golf Keeps Minnesota Beautiful"



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Athletic Pro and Athletic Pro II	For athletic turf.	Well suited for new seeding or overseeding. Fast establishing, traffic tolerant, rapid recovery. Both provide good footing.
Boulevard Mix	Any area with high pH (roadsides, sidewalks, boulevards, alkaline soils, etc.).	Contains 'Fults' and Dawson red fescue for beautiful salt-tolerant turf. Performs at low to high fertility levels.
Landscape Pro Mix	School grounds, cemeteries, golf course roughs, home lawns.	Establishes fast. Adapts to broad range of conditions and management levels. Low to moderate fertility needs.
Overseeder II Mix	Fairways, tees, athletic fields.	Rapid germination and establishment. Withstands heavy traffic and resists diseases. Penetrates compacted soils.
Medalist North Mix	Fairways, tees, cart paths, wear areas.	Quality turf for high traffic areas. Clean mowing and disease resistant.
Premium Sod Blend	Commercial sod production.	Exceptional dark green color. Tolerates light shade. Superior disease resistance. Rapid sod producer.
Renovator Pro Mix	Problem solver for heavy traffic areas (athletic fields, golf tees, and fairways).	Penetrates compacted soils and combats <i>Poa annua</i> . Adaptable to most geographic regions.
Medalist Brand Overseeding Products	Winter overseeding of dormant bermudagrass.	Establishes rapidly and evenly. Tolerates traffic while providing a superior putting surface. Smooth spring transition.



- ★ Non-burning ★
- ★ All natural ★
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PEBBLE CREEK PICTURES



Host Superintendent Cary Femrite has brought the new course along quickly to a condition that belies its youth.



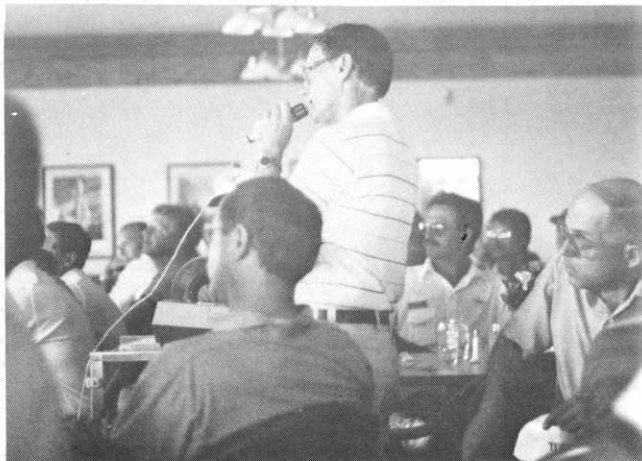
You'll never run out of energy at Pebble Creek. NSP's Sherco Plant is just a mile away.



MTI provided an all day equipment display.



Heading for home, the 18th hole at Pebble Creek.



Harold Batzer enlightened our membership on trees and shrubs. He offered no advice on how to play out of them, however.



Happy Foursome - Chad Belland, Dellwood Hills; Mike Ligday & Shaughn Erickson, Manitou Ridge; and Kevin Schmidt, Lafayette.

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GXT-1500 with hydraulic dump.



GXT-1500 with top dresser.



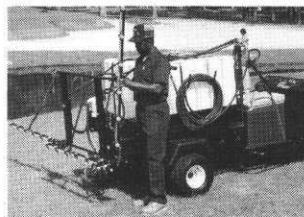
XT-500 with bed mounted sprayer.



GXT-1500 with aerator.



GXT-1500 with loading ramp.



GXT-1500 with sprayer.



GXT-1500 with seeder spreader.



GXT-800 with ball cage.

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GREEN CLIPPINGS

POTPOURRI

Breezy Point Resort recently opened its 4th nine holes of golf. This exciting nine holes was designed and built by **Ren Belland** . . . **Fred Anderson Jr.** was in town recently and reportedly was doing fine in his new and challenging position with **Scott's** . . . **Joe Check** is retiring from **Toro International** after 47 years in the business . . . Construction is progressing on **Bunker Hills** new nine holes . . . **Fox Hollow** recently opened 9 holes at the beginning of July . . . **Research Fund** donations have reached \$9,896 so far. Keep those checks coming . . . **Turf Tourney** had 88 participants, grossing close to \$7,000 before expenses. Many thanks to participating courses and their staffs . . . Progress of **Research Committee** remains slow. **Howard Kaerwer** continues inspecting **poa annua** plots at various courses . . . Over 100 members attended July meeting at **Pebble Creek's** exciting new layout . . . **Scholarship Committee** reports 9 applicants for 3 \$1,000 scholarships. Interviews to begin in early August . . . **University of Minnesota's Jim Cink** leaving for new position in Iowa . . . Expect MGCSA's video on Employee Right-to-Know soon...

GIL FOSTER SENDS WARM REGARDS

Gil Foster, long-time Superintendent at Town & Country Club and Keller Golf Course recently contacted the Association from sunny Arizona. Gil held the positions of both Secretary and President of our Association in the late 1940's and served as a consultant for many courses in our area. He expects to visit with us at one of our upcoming fall meetings, so hang out the welcome mat and reminisce with him about old times.

ANNUAL DUES DUE

The billing for the 1989-1990 dues went out on July 12. Any member who has not paid their dues by this time is now delinquent. You will be soon receiving a second notice and dues statement. Pursuant to the Bylaws, anyone not paid in full by September 1st, will be dropped. If you need another dues statement, contact the office at 612/927-4643.

ROSTER UPDATES

The MGCSA Office asks when you move or change jobs to send them an official notice so your records can be changed. Don't forget to include your new phone number.

MEMBERSHIP UPDATE - ANDY LINDQUIST

The following new members have been approved by the MGCSA Board of Directors:

Michael Bohnenstingl (BII), Madden Resort
Floyd Crary (F), Ampel Inc.
Greg Iden (B), Shoreland Country Club
Todd Klein (BII), Buffalo Heights Golf Course
Scot Milstroh (BII), Wapicada Golf Club
Thomas Ramler (E), Angushire Golf Course
Lynn Richert (BII), Angushire Golf Course
Michael Shallue (C), Anoka Vo-Tech

Classification Changes:

Travis Rodenhizer (BII), from Class B

Contact the MGCSA Office for an application for any co-workers or colleagues that may wish to join the MGCSA. Remember that you must also apply for classification changes. Contact Andy Lindquist or the Office for a change of classification card.

ROUND THE REGION - Regional reports:

Northern Minnesota - Mike Netzel, Northland C.C.

Dry weather dominates the northern regions of Minnesota as last year's drought continues. Greens still show damage from last winter. Irrigation work at both Enger Park and Lester Park Golf Courses in Duluth is nearing completion. Construction continues on both courses as they add new holes. Northland C. C. adds new tennis courts.

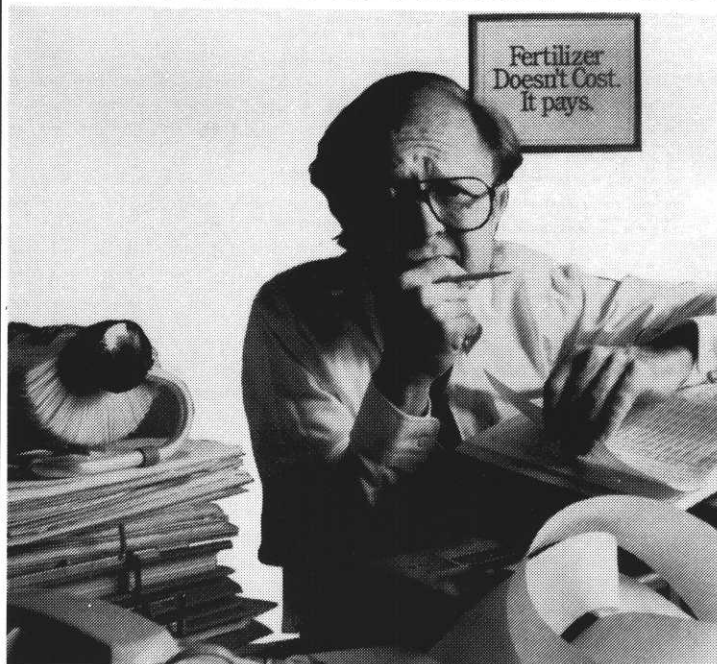
NO OTHER REPORTS

HOLE NOTES' NOTES

If you have a topic or subject you would like to write about in the *HOLE NOTES*, contact Editorial Chairman, **Greg Hubbard**. Our publication is only as good as the members make it. Also, you will receive a small gift for your trouble and then all of the members will have your knowledge.

The deadline for *HOLE NOTES* is now the 15th of the preceding month. Editorial and advertising contributions for the next issue should now be in the works so they can make to new deadline.

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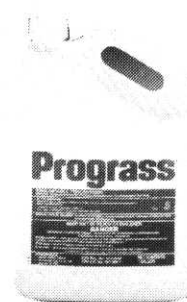
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