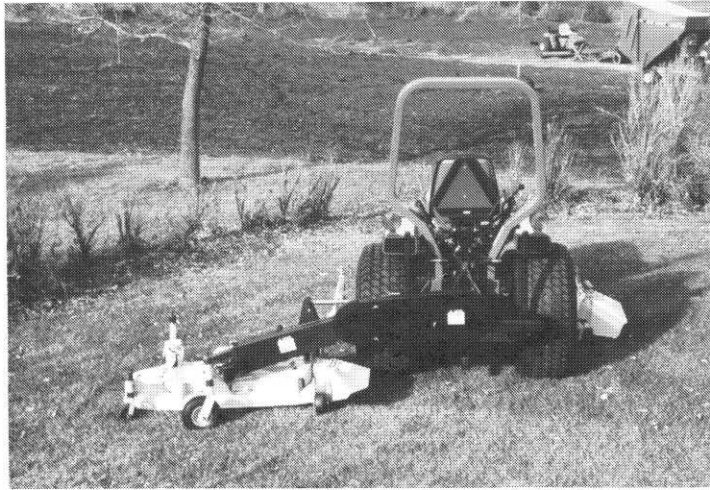


POLFUS IMPLEMENT'S  
***Large Area Rotary***  
 More than just a mowing machine!

**Shown on John Deere 955 Tractor**



- 50 inch Self-Leveling Deck
- Unitized Main Frame
- 2 Point Coupler (Quick Tach)
- Able to Mow up to 30° Above or Below Horizontal

- 72" - Mid Mount Deck
  - 50" - Wing Deck
- } Combines for 10 ft. cut
- Unmatched Maneuverability
  - Excellent Serviceability
  - Operate Decks Simultaneously or Independently

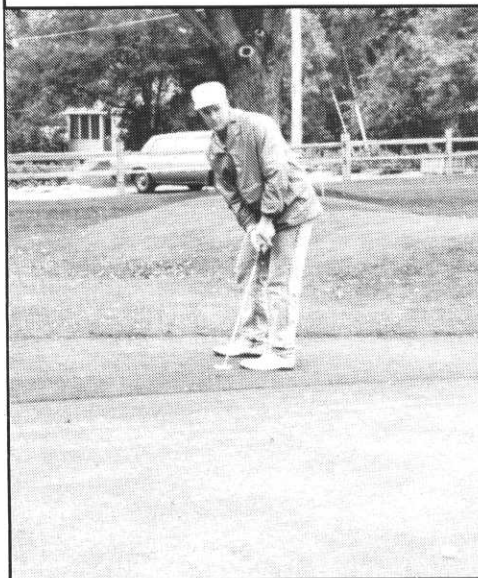


- Unit Compatible with John Deere 855 & 955 Tractors
- Hydrostatic Drive
- Independent Live PTO
- Available with 4WD for Added Traction

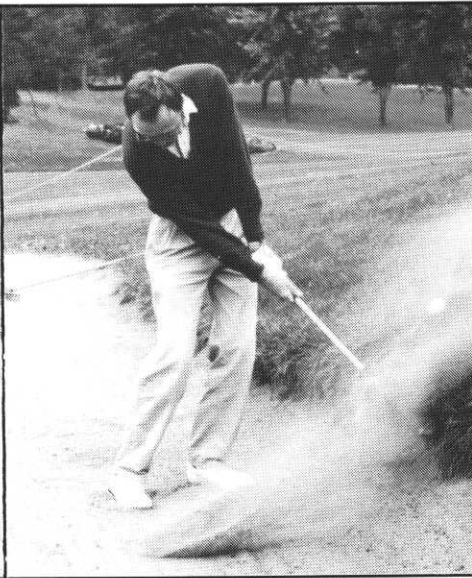
For further details or a demonstration call: **Polfus Implement:**

**New Richmond, WI • (Park Nursery) Stillwater MN • Hastings, MN 612-439-6776 • 715-246-6565**

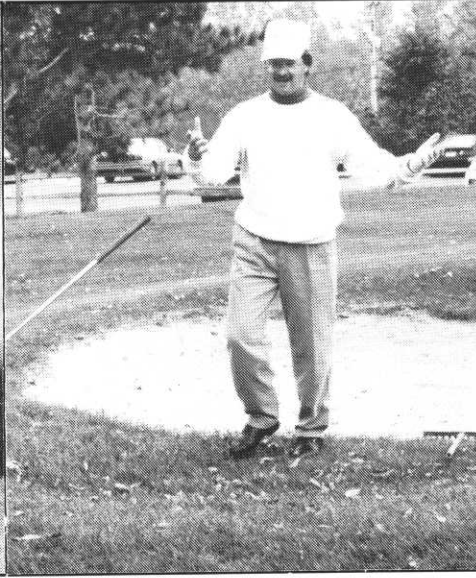
# A Good Time Was Had by All at Stillwater



**HOST SUPERINTENDENT** Kevin Clunis, Stillwater Country Club.



**NICE OUT** by Dale Caldwell, Minneapolis Golf Club.



**IT WAS SO EASY** for Mike Redmond, O.M. Scott.



**A NEW PROTOTYPE GOLF CART** shown by Tom Dawson, Ransomes, and Steve Busch, Long Lake Ford.



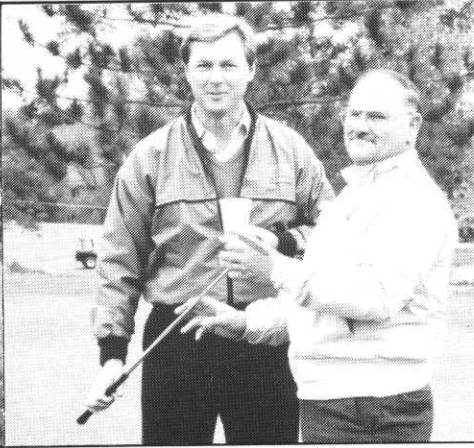
**OFF AND RUNNING** — Russ Adams, left, and Tony Magina.



**AT IMPACT** is Bill Larson, Town & Country.



**KEEPING HIS EYE ON IT** is Kevin Schmidt, Lafayette.



**CHECKING** Jerry Murphy's golf club at left is Steve Garske, Par Aide.

*Photos by Dale Wysocki*

## Par Aide Products Introduces New Ball Washer

Par Aide Products Co., St. Paul, has introduced a new club washer that it says makes dirty irons a thing of the past.

In a matter of seconds, a club can be scrubbed front and back by two brushes that remove all dirt and grime.

Said to be ideal for par three tees, they can be mounted below the ball washer in tandem with a spike brush or shoe cleaner. At driving ranges, they can be mounted on the ground.

According to Par Aide, many golf courses have installed them near the clubhouse or locker room entrance.

Built of space-age plastic for durability, each washer comes with a flanged base for mounting on horizontal surfaces. An optional mounting bracket is available for use on vertical surfaces.

### WANTED

Toro dump or bullet with 4-cylinder engine for parts.

**Mendakota Country Club**  
**Bob or Tom**  
**612/454-1441**

"We foresee the day in the near future when these new club washers will be as popular as the Par Aide Ball Washers," says Steve Garske, company president. "They were developed in response to player demands, and it appears we have

responded with the product they were looking for."

For more information write or call Par Aide Products Co., 3565 Hoffman Road East, St. Paul, Minn. 55110 or call 612/779-9851.

## John Hopko Joins Staff Of Turf Management Products

Turf Management Products, Inc., Minnetonka, has announced that John Hopko, a turf specialist, joined its staff in January.

"We are extremely excited to have John with us," said Larry Vetter, president of Turf Management. "John has established a great deal of credibility in the turf industry and has become known as one of the top turf establishment and renovation experts in this area."

A graduate of Penn State University with a major in turf management, Hopko was the golf course superintendent at Elk River Country Club before accepting his most recent position as turf specialist in the Medalist Turf Division of Northrup King.

"John's honest, practical approach to problem-solving and prevention has earned respect in all phases of the industry, from golf courses, athletic fields, sod production, and lawn care to landscape projects and other related segments of the turf industry," Vetter said.

Turf Management Products, Inc., founded by Vetter in 1989, supplies seed and slow-release potassium fertilizers through independent distributors to the turf industry in the Upper Midwest. Distributors in this area are Dakota Turf, Landscape & Turf, North Star Turf and Turf Supply Co.

# WELL- TEAMED. WELL- NAMED.

It takes years of testing at many locations for any grass seed variety to make the NK Medalist® team. That's why Medalist is the most-trusted name in turf mixtures and blends.

Contact your NK Medalist distributor today. Or call 1-800-545-6093.



Your local NK Medalist representative is Mark Grundman.

WELL DRILLING FOR FOUR GENERATIONS

## *E. H. Renner & Sons* INCORPORATED

SPECIALIZING IN:

**Irrigation Supply Wells**  
**Variable Frequency Drives**  
**Line-Shaft Turbine Pumps**  
**Submersible Pumps**

**(612) 427-6100**

24 HOUR TELEPHONE ANSWERING

**FAX 427-0533**

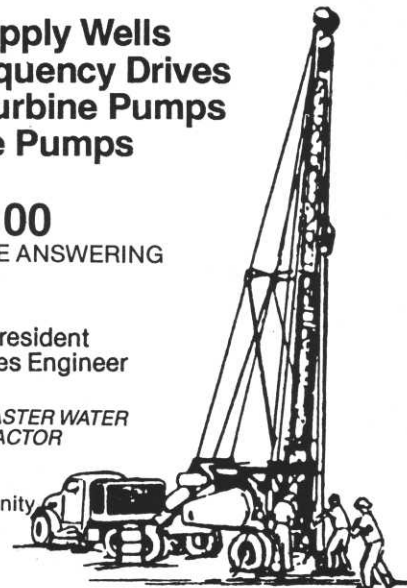
Roger Renner, President  
Jerry Aljets, Sales Engineer



CERTIFIED MASTER WATER  
WELL CONTRACTOR



Equal opportunity  
employer



15688 Jarvis St. NW • Elk River, MN 55330



# NOW GROW TOUGHER TURF FOR FEWER BUCKS.

## Introducing Masters' Brand Controlled-Release Potassium Fertilizers.

Masters' Brand is the surest way to give your turf all the potassium it needs without risking turf burn or too much nitrogen stimulation.

The results of tests by a leading turfgrass scientist show a 44% higher K retention rate for Masters' Brand treated soil. And 114% more potassium in plant tissue.

Our 9-0-27 and 0-0-39 fertilizers save you money in the long run, too. With less leaching, you get optimum performance using less product. And, since fewer applications are required, you save on labor costs.

### Grow great turf for less this season.

Get all the details on Masters' Brand Controlled-Release Potassium Fertilizers and our other Masters' Brand

fertilizers and seed products. Call Turf Management Products at 612-476-1650 or contact:

### Twin Cities Area:

Landscape & Turf 612-934-2380  
North Star Turf 612-484-8411  
Turf Supply 612-454-3106

### Western Minnesota and the Dakotas:

Dakota Turf 605-336-1873

**TURF** *Management*  
PRODUCTS, INC.

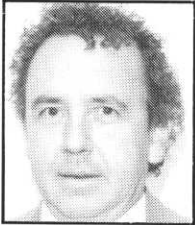
Turf Management Products, Inc.  
3617 Larchwood Drive • Minnetonka, MN 55345  
612-476-1650

## GREEN CLIPS

Sites for monthly MGCSA meetings are being sought for 1992. If your club is interested in serving as host for April, May, June, July, August, September or October, 1992, please call Boots Fuller, Arrangements Committee Chairman, at 507/388-2546.

\* \* \* \*

**Jerry Odash.** Andover, a lawn maintenance and equipment salesman for the past 18 years, has been elected vice-president of the North Central Turf Grass Association, Fargo, N.D. A native of Rice Lake, Wis., Odash moved to Minnesota in 1983. Since 1988 he has been a sales representative for North Star Turf, Inc., St. Paul. Craig Vigen, golf course superintendent at Fargo CC, has been elected secretary-treasurer of the NCTGA. A graduate of West Fargo High



School, he earned a degree in turfgrass science at Penn State University in 1981. Vigen has been employed by Fargo CC since 1976.

\* \* \* \*

**Herman Senneseth,** St. Paul, recently received his 40-year membership pin from the Golf Course Superintendents Association of America. . . . A seminar focusing on "Pesticide Basics and Safety" will be held at the Holiday Inn West, Milwaukee, on Thursday, March 21. It is co-sponsored by the Wisconsin Golf Course Superintendents Association and the GCSAA. Fee is \$100 for GCSAA members and \$120 for non-members. For additional information, call 1-800-GSA-SUPT.

\* \* \* \*



**Congratulations to Paul Mayes** for his third-place finish in the First Flight of the GCSAA Championship. He shot a 78-79 to bring back an award.

\* \* \* \*

**Midland Hills CC** recently moved into its new maintenance facility. The new, 6,000 square-foot building includes offices, shop, lunchroom, lockerroom, grinding room and chemical storage facilities. The addition, no doubt, will do wonders for efficiency and morale.

\* \* \* \*

**Norma O'Leary,** superintendent at Silver Bay CC, successfully completed the GCSAA certification examination in Las Vegas. Once Norma's course is attested by two certified superintendents, she will become the first woman in Minnesota and one of a few nationally to be certified. Congratulations, Norma!

\* \* \* \*

**Howard Holland** died Feb. 9, 1991 at the age of 63. He was superintendent at Slayton CC from 1985-91. He became a member of the GCSAA in 1990 and has been a member of the MGCSA since 1985. He is survived by his wife, Elaine.

## TURF SUPPLY COMPANY

2797 EAGANDALE BLVD. EAGAN, MN 55121

Suppliers of Fertilizers, Seed  
and Chemicals to the  
Turf Industry

STANDARD

PAR AIDE

Reveal Test Kits

GRACE/SIERRA

NAIAD

NOR-AM

DuPont

SUSTANE

DowElanco

UNIROYAL

CONTEC

MOBAY

Aquatrols

Par Ex/Woodace

Plant Marvel

CIBA-GEIGY

Milorganite

EXPEDITE

Turf Management  
Products

NK Medalist

Precision Labs

CLEARY

Lebanon/COUNTRY CLUB

FERMENTA

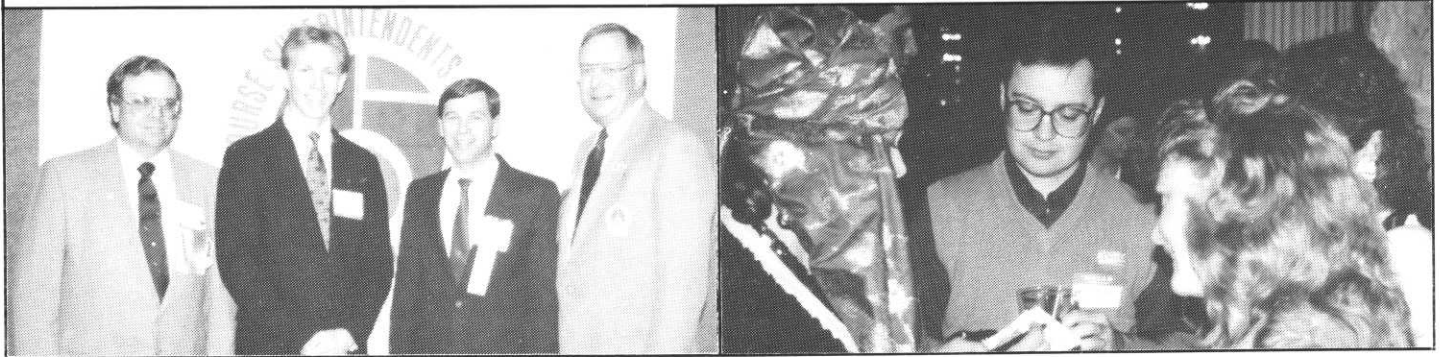
RHONE-POULENC

SANDOZ

SPRING VALLEY

(612) 454-3106

# Candid Camera At GCSAA's National Convention



**OUTGOING GCSAA PRESIDENT** Jerry Faubel, right, chats with, from left, Gary T. Grigg, GCSAA director; Paul Johnson, University of Minnesota, and MGCSA President Tom Fischer.

**THE FUTURE LOOKS BRIGHT** for Shane Andrews, Hudson Country Club, according to these fortune tellers.

### FOR SALE

Six (6) Rain Trains. New in 1989.  
Used one season. \$600 each.  
1" hose length. 100 ft. each. \$75 each.

**CALL CARY**  
**Pebble Creek Golf Course**  
**612/261-4656**



## 1991 MGCSA Meeting Dates

### April 22

Owatonna Country Club  
Owatonna, Minnesota  
Sponsor: North Star Turf

### May 13

River Falls Country Club  
River Falls, Wisconsin  
Sponsor: MTI

### July 15

Izaty's  
Mille Lacs Lake  
Sponsor: Lesco

### August 19

New Richmond Golf Club  
New Richmond, Wisconsin  
Sponsor: Polfus Implement

### September 16

MGCSA Turf Tourney (Research)  
Golden Valley Country Club  
and  
Oak Ridge Country Club

### October 14

Hastings Country Club  
Hastings, Minnesota  
Sponsor: R&W Golf Cars



## Golf Course Accessories

Ballwashers • Detergent • Mounting Pipes & Bases • Tee Signs • Spike Brushes • Hole Cutters • Flag Poles • Flags • Cups • Rakes • Benches • Tee Markers • Practice Greens Markers • Whipping Poles • Course Signage • And More.

Requested by players. Preferred by course professionals. Specified by designers and used with pride wherever golf is played.

Call your Par Aide dealer today for our **FREE CATALOG**, or call us at 612/779-9851 for the name of the dealer nearest you.

© 1990; Par Aide Products Co., St. Paul, MN.



## *There Was a Variety of Activity at Woodhill*



**FISHING CONTEST WINNER** Brian Cleveland, Wedgewood Valley, displays the 2-lb. Northern he caught.



**HOST SUPERINTENDENT** — Rick Frederickson, standing, Woodhill superintendent, and assistant Keith Greeninger check registration.



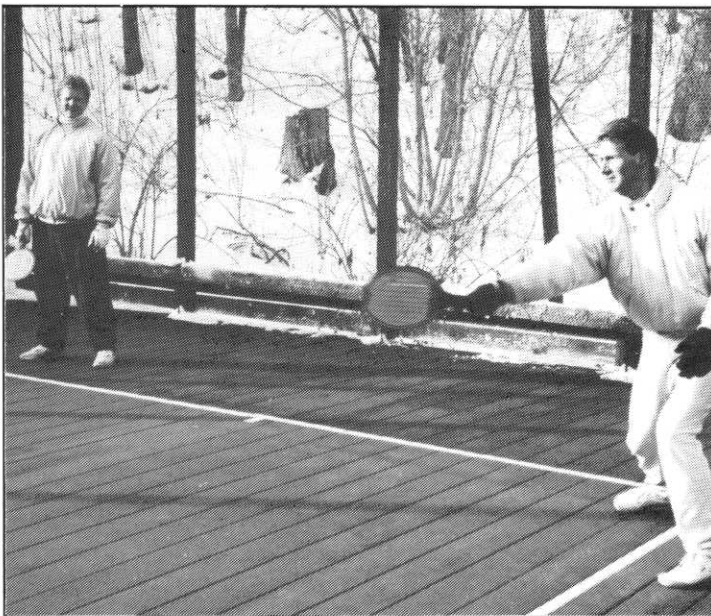
**TALKING SHOP** are Mike Leitner, left, Leitner Co., and Shane Andrews, Hudson Country Club.



**CHATTING** at lunch are Jim Kaufman, left, MTI, and Beth Greeninger, Woodhill a member of the Woodhill staff.



**A POPULAR SPOT** obviously was the food line.



**THE PLATFORM COURT** attracted many...



...and so did Woodhill's Hockey Rink

*Photos by Dale Wysocki*

# GCSAA Offers Coursework In Environmental Specializations

By Colleen Smalter Pederson  
GCSAA Senior Director  
Of Education and Marketing

Historically, the golf course superintendent's profession has emphasized responsible stewardship of the land.

Today, GCSAA offers a unique continuing education opportunity for superintendents who seek to become recognized leaders in the application of proven, environmentally sound management practices.

The new Environmental Management Program (EMP) consists of six distinct areas of specialization:

Underground Storage Tanks; Integrated Plant Management; Employee Safety and Right-To-Know; Water Quality and Application; Golf Course Development, and Storage, Disposal and Recycling.

**EMP's development is a result of a combination of factors.** Over the past several years, the general public and government regulatory agencies have shown increased interest in the environmental impact on golf course maintenance practices. In response, GCSAA has assumed the industry's environmental leadership role and created new programming to meet the demand for up-to-date training on environmentally safe practices.

GCSAA's Environmental Management Program has been structured to meet superintendents' complex environmental training needs. When a superintendent successfully completes

a specialization, he or she will be current with the issues involving that particular area, and the community will have strong evidence of the superintendent's commitment to preserve and protect precious natural resources.

**The UST and IPM specialization programs will be the first** of the Environmental Management Programs to be offered; the remaining four areas will be developed over the next two years.

Two EMP seminars have already been implemented: "Developing Your Hazard Communication Program," which will be a requirement for the Employee Safety and Right-To-Know specialization (scheduled for full implementation during 1991-92), and "Environmental Considerations in Golf Course Management," which will be a required course for all specializations. The environmental considerations seminar covers the inter-related consequences of various management practices; topics include water rights, environmental regulations and community relations.

**GCSAA piloted three EMP seminars**—"Protection of Water Resources," "Scouting, Sampling and Monitoring Golf Course Pests" and "Underground Storage Tank Selection and Installation"—at the 1991 International Golf Course Conference and Show in Las Vegas. Correspondence courses on "Underground Storage Tank Monitoring and Record Keeping" and "Haz-

(Continued on Page 29)

**par ex**  
The Ex Stands For Excellence

## Why the EX STANDS FOR EXCELLENCE in professional turf care.



- Par Ex is the only professional fertilizer line containing IBDU, undisputedly the finest slow release Nitrogen source in the world.
- IBDU gives you the highest level of WIN, or Water Insoluble Nitrogen.
- IBDU delivers all of its Nitrogen in a single growing season.
- The Nitrogen release rate of IBDU is generally affected by only two factors: soil moisture and granule size.
- Slower release makes Par Ex products perfect for your Fall Fertilization program.
- Fewer applications are required, labor costs are cut.
- The salt index of IBDU is the lowest of all commonly used fertilizer materials.
- IBDU fights nitrate pollution because very little Nitrogen is lost through leaching or volatilization.
- Choose from over 60 different product formulations.

**ED LONG**  
Territory Manager  
Tel: 913-897-5604

**par ex**  
The Ex Stands For Excellence



## GCSAA Coursework—

(Continued from Page 28)

ard Communication” also will be available to members early this spring.

In addition to the environmental considerations seminar, required courses for the UST specialization will include “Protection of Water Resources,” “UST Selection and Installation” and “UST Monitoring and Record Keeping.” The IPM specialization will require completion of the environmental considerations seminar, “Scouting, Sampling and Monitoring Golf Course Pests,” Turfgrass Stress Management,” “Implementing Strategies and Plans for Turfgrass Environmental Systems” and “Options and Their Applications in Pest Management.”

**GCSAA will award a specialist certificate** to superintendents who successfully complete the required coursework in any single program. The association also plans to publish an annual *Directory of Environmental Specialists in Golf Course Management*, listing each superintendent who has earned a specialist certificate and his or her area(s) of specialization.

Because environmental science and government regulations change rapidly, GCSAA will require EMP specialization certificates to be renewed after three years.

The Environmental Management Program is not intended to replace GCSAA’s current professional certification program; it is simply a means for the golf course superintendent to further his or her professional credentials in a specific area of environmental interest.

For more information on the Environmental Management Program, contact GCSAA’s education department.

### ABOUT THE COVER

Joe Moris, head golf course superintendent at Tartan Park Golf Course in Lake Elmo, displays some of the golf equipment that has been gathered for Operation Desert Shield, the MGCSA’s campaign to support U.S. troops operating in the Persian Gulf. (See Pages 4-5 for more information and photos.)

## MEMBERSHIP REPORT

### NEW MEMBERS—DECEMBER 17, 1990

John Luetke	Mississippi National	Class	BII
Joseph Rondeau	Hillcrest CC		BII
Michael Daly	Ciba-Geigy		F
Joe Churchill	North Star Turf		F

### RECLASSIFICATIONS—DECEMBER 17, 1990

David Sime	Mankato	Class	D to BII
Benjamin Retzlaff	Wedgewood Valley		DII to B

### NEW MEMBERS—JANUARY 7, 1991

Thomas Dimberio	Rolling Green	Class	D
Robert Yost	River Falls, Wis.		BII

### RECLASSIFICATION—JANUARY 7, 1991

Jerry Kline	Oak Glen		A to B
-------------	----------	--	--------

Mike Olson, Membership Chairman

# NEW FAIRWAY 5000 SPECIALIZED FOR TOP-QUALITY FAIRWAY MOWING

**106" cutting width** combines with fast cutting speed for high productivity.

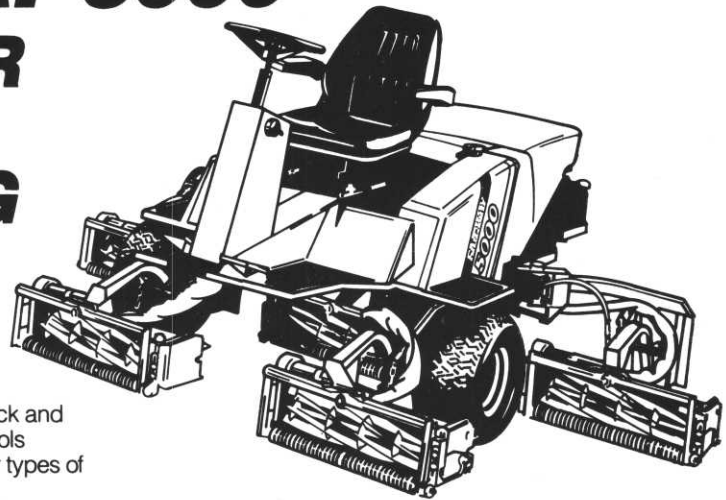
**Light weight mowing** offers smooth, easy handling and reduces turf compaction.

**Three-Wheel Drive PLUS** (patent pending) makes Fairway 5000 a great hill climber.

**High quality cut** even at top speed of 6mph. Transport speed of 9mph.

**Interchangeable cutting units** are quick and easy to change. No tools required. Accepts four types of cutting units.

**Folds for easy transport.** Hydraulic control reduces overall width to a narrow 71".



**RANSOMES**

**FAIRWAY**

WHERE GREAT IDEAS START

For a **FREE** demonstration, contact:

**CUSHMAN MOTOR COMPANY, INC.**  
2909 East Franklin Ave.  
MINNEAPOLIS, MINN. 55406

Phone: (612) 333-3487

## EDITOR'S CORNER

By John Harris  
The Lafayette Club



The 62nd International Golf Course Conference and Show had a great deal to offer its membership, including a little insight on construction of a "no-holds barred" desert course and resort.

Yours truly attended the certification prep course and was pleasantly surprised that several other Minnesota superintendents also were on hand.

This just goes to show that the people in our association are ready and willing to further themselves and our profession. (Any one for a study group?)

\* \* \* \* \*

**As the upcoming season approaches**, all of us are or should be making final preparations for another successful year at our clubs. The general "buzz for '91" seems to be the crisis in the Persian Gulf, and how it will affect our economy.

Many of us have been asked by our greens committees to cut our operating expense for what appears to be a conservative spending year by our memberships and the general public.

Certainly communication with the greens chairperson is the key here. It's our responsibility to show the greens committee how budget reductions will impact the playability and/or aesthetics of our facilities.

Their responsibility would be an acceptance of a new standard in course maintenance. Actually, it's not all that unusual to see an out-of-the-way area go uncut or have a repetition cut-back and still come up with a very desirable playing surface. Acceptance of these standards will be a small sacrifice indeed, compared to the sacrifices asked of our men and women in the service.

\* \* \* \* \*

**The January MGCSA meeting held at Woodhill Country Club** was well attended. Host Superintendent Rick Fredericksen and his staff are to be complimented on what I feel is the best ice in town. However, winter sports were not the only game in town. Some took the opportunity to get the moth balls off their golf swings. Woodhill's video golf was intriguing to say the least. My only suggestion: How about some broomball for those of us who can't skate backwards?

\* \* \* \* \*

**Howard Holland**, superintendent at Slayton Country Club and a member of our association, passed away on February 9. Our condolences go out to his wife, Elaine, and the rest of the Holland family. Those of us who knew him personally realize that the golf course in Slayton, where his deeds reflect the man, will stand in silent tribute for years to come.

\* \* \* \* \*

**The MGCSA has contributed** \$2,000 to the GCSAA Research Fund and the Golden Tee Club.

It is important that our association supports these endeavors as they will encourage young men and women in our profession to further their education, knowing that funds, through hard work, are attainable.

In addition, being that research is an ongoing process, particularly in an environmentally political atmosphere, it must remain on the top of our priority list.

I hope to see all of you at the March Mini-Seminar at the Northland Inn. There will be a fine slate of speakers, and certainly the staff at the Northland will again be receptive to our needs.

—John Harris, Editor



**REPRESENTING HOLE NOTES** at the 1991 GCSAA Convention in Las Vegas were Editor John Harris, Lafayette Club, right, and Scott Austin, Midland Hills CC, co-editor.

# To get the green, go for the Gold.

Gold Cup quality for great-looking turf.

COUNTRY CLUB



- Homogenous Granulation
- High Methylene Ureas (W.I.N.)
- Great N-P-K Ratios
- Agronomically Correct
- Contact Your Local Lebanon Distributor

Lebanon  
TURF PRODUCTS

1-800-233-0628

BETTER TURF CARE FROM THE GROUND UP