

# **WISCONSIN TURF EQUIPMENT CORP.**

P.O. Box 708  
1917 W. Court St.  
1-608-752-8766  
Janesville, WI 53545



21520 W. Greenfield Ave.  
1-414-544-6421  
New Berlin, WI 53151

**A Local Golf Course Supplier Supporting The  
Wisconsin Golf Course Supt. Association  
for Over Twenty Years**

**WE TRY TO EARN YOUR BUSINESS**

## **West Bend Meeting Outstanding as Usual**

On March 22nd, Golf Course Superintendent Dennis Willms treated the Wisconsin Golf Course Superintendents Association to an outstanding set of circumstances in which to hold our first 1978 meeting. Rave reviews were the order of the day and Dennis and the staff of West Bend Country Club have our sincerest thanks.

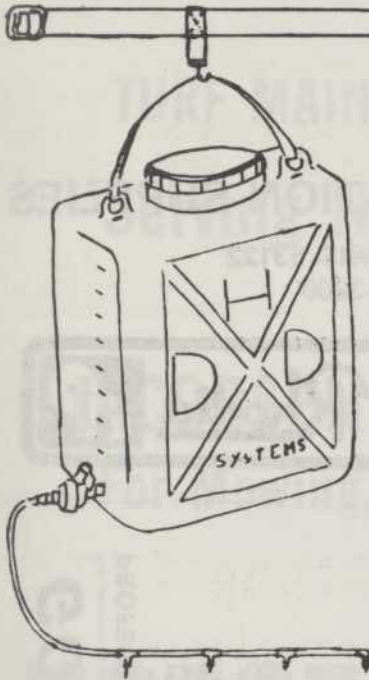


Left to Right: Ron Schara, Wayne Otto and Joe Cannestra following presentation of Distinguished Service Award.

The educational meeting was a general bull session with Jim Lathem as moderator. Discussion ranged from critiques of the GCSAA pre-conference seminars to reviews of the International Turfgrass Conference itself to a presentation on the Environmental Protection Agency and the implications of Rebuttable Presumption Against Registration.

Two high points of the meeting included the nomination of Les Verhaalen as the WGCSA candidate for induction into the Wisconsin State Golf Association Hall of Fame. The second item of note was the presentation of the WGCSA Distinguished Service Award to Golf Course





### MODERN PREVENTION FOR DUTCH ELM DISEASE BELONGS IN YOUR TREE PROGRAM

D-H-D STEDI FLOW II & V offers an injection System that works with the trees own system moving when it does.

A system that means reduced wounding and at the same time minimizes chances of toxicity to your key trees.

All this allows you to tell your members that you offer the finest injection techniques available today.

## D H-D

INJECTION SYSTEMS INC.

2467 So. 170th Street - New Berlin, Wisconsin 53151  
Phone 414-784-3556



## Nutrient deficiencies, weeds, diseases, thin turf, insects.

For the superintendent who has everything . . . or anything . . . or who just wants to make a good thing better . . . ProTurf offers research tested, golf course proven professional turf products.

Just give me a call.



A division of  
O. M. Scott & Sons





# Reinders

TURF EQUIPMENT — IRRIGATION SUPPLIES

13400 W. WATERTOWN PLANK RD., • ELM GROVE, WIS. 53122

PHONES: SALES (414) 786-3163 — OFFICE (414) 786-3300



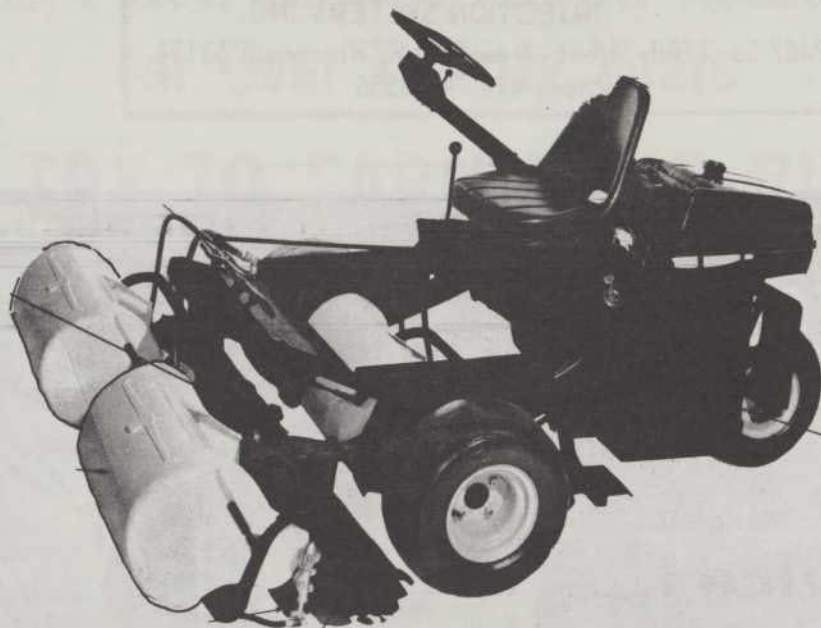
**Diamond  
Shamrock**



**Myers**



**Green Machine®**



**GORDON'S**  
PROFESSIONAL TURF PRODUCTS



**PAIR-EX**  
PROFESSIONAL PRODUCTS

# CUSHMAN RYAN®

HEADQUARTERS  
FOR  
TURF MAINTENANCE EQUIPMENT & SUPPLIES  
"Serving N.E. Wisconsin & Upper Michigan"

Distributing

**JACOBSEN TURF MAINTENANCE EQUIPMENT**  
For Mowing, Aeration and Sweeping Large Turf Areas.  
Over 50 Years of Leadership.

**HORST DISTRIBUTING, INC.**

444 North Madison Street

Chilton, Wisconsin 53014

"Service is Not Our Motto, It's Our Business"

**Tuscumbia Country Club Site  
of April WGCSEA Meeting**

The second Wisconsin Golf Course Superintendents Association meeting of 1978 will be held at Tuscumbia Country Club in Green Lake. Our host for this meeting will be Golf Course Superintendent Deak DeCramer. Golf will be played, weather permitting, and a limited number of golf cars are available upon reservation. Lunch, as usual, will be on your own but Tuscumbia will offer a soup, salad and sandwich for \$1.95. Dinner will be at 6:30 and the cost is \$5.75. Reservations, of course, are required.

Our guest speaker at the business meeting following dinner will be Dr. Paul Saratoreto, Research Director of the W.A. Cleary Corp. Dr. Saratoreto, an expert in the field of pesticide usage, always proves to be an interesting and enlightening speaker. The date of the Tuscumbia meeting is April 10th. Hope to see you there. Note that the reservation deadline is April 8, 1978. I will attend the April 10th meeting at Tuscumbia Country Club.

Name \_\_\_\_\_  
Affiliation \_\_\_\_\_  
Guest \_\_\_\_\_  
I will have dinner \_\_\_\_\_  
My foursome includes \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mail all reply slips to:

Bill Douglas  
10757 N. Range Line Road  
Mequon, WI 53092  
or call: Bill Douglas -- [414] 242-1020



# RX for ULCERS

During August, 1976, this Golf Course Superintendent detected a fungal infestation on the 6th green at Tuscumbia Country Club. The affected area was approximately 2-1/2 feet in circumference and characterized by numerous "dime-sized", silver-white spots of dead turf. This infestation proved not only to be a turfgrass management problem, but, also, an infestation of my stomach, more commonly known as *Agrostis palustris ulceris*.

Following a short conference with Jerry O'Donnell, I treated for Anthracnose with Captan 50 WP at the recommended label rate. Further examination of the diseased area convinced me that no further fungal infection had taken place, however the previously affected area showed no signs of recovery. As the year progressed there was no further indication of recovery and the 6th green went into the 1976-77 winter with the "dime-size" spots still very much in evidence.

In the spring of 1977, it became apparent to me that a healing process had taken place during the

## SUPPORT THE MIDWEST REGIONAL TURF FOUNDATION

CONTACT WILLIAM H. DANIEL,  
EXECUTIVE SECRETARY  
DEPARTMENT OF AGRONOMY  
PURDUE UNIVERSITY  
WEST LAFAYETTE, INDIANA 47907

previous winter. However, I noticed a recurrence of the infection in the same place on May 19th. The temperatures had been recorded in the 80 to 90 degree range, accompanied by 3.3 inches of precipitation since May 12th. On May 21st the disease spread over half of the green [not to mention *Agrostis palustris ulceris* spreading over half of my stomach].

## MEET YOUR SPRAYER NEEDS EXACTLY!



TRAILER MOUNTED

SKID MOUNTED

### ACCESSORIES



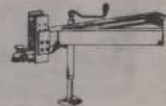
GREENS BOOM



HOSE REEL



G-GUN



SCREW TYPE JACK

ALSO CHOOSE FROM FIBERGLASS TANKS/MECHANICAL AGITATION/PUMPS AND ENGINES/BOOMS/HAND GUNS, ETC. WRITE OR CALL:

Special Products Division

HANSON EQUIPMENT CO.

301 CHARLES ST., SO. BELOIT, IL 61080

815-389-2261

## Turf Management Supply

DISTRIBUTORS OF QUALITY FERTILIZERS, SEEDS,  
GOLF COURSE AND LANDSCAPE SUPPLIES

R2 NORWAY ROAD

SUN PRAIRIE, WISCONSIN 53590

Phone (608) 837-5598

In talking with Jerry O'Donnell, the concern over and suspicion of *Pythium* spp. was voiced. Plugs from the infected green were sent to Dr. Gayle Worf's lab but the samples did not culture out. My ulcer did.

On May 24th, with temperatures reading in the 90's, the disease spread over the entire green. An application of chloroneb was put down immediately with a subsequent application of the same material on May 27th. This action was followed by applications of benomyl, mercury and thiram, all with the same negligible results [milk didn't work on my stomach either]. Some control was obtained when the temperatures dropped back to a respectable 60 degrees. On June 4th however, reinfestation was initiated and the activity spread to other greens.

An attempt at control was made by combining chlorothalonil and chloroneb and applying this formulation every 5 to 8 days. Results, again, were negligible [as was the milk] and the fungal activity continued for the remainder of June.

By July 5th, the sixth green was virtually "wiped out". Benomyl was applied to this putting surface at a quadruple rate. This action appeared to arrest the fungal activity and three days later there were encouraging signs of turf [and stomach] recovery. As insurance, benomyl was applied again on July 8th at a normal rate.

My elation was short-lived however as, at 6:00 a.m., July 16th, 1977, I discovered an entire putting surface gray with mycellium. At this juncture, a double rate of Topsin M was applied [my stomach was to receive a double dose of Malox], and alternate day mowing of the green was instituted on the 17th of July. Benomyl was applied, again, as insurance on the 22nd. At last, control.

Wrong. Disease activity began, once more, on July 27th. Topsin M was applied on July 28th, followed by applications of benomyl on August 2nd and August 6th. However, August 7th proved to be a day of most accelerated fungal spread. 8 ounces of benomyl checked the activity until August 10th. August 9th, I had established 22 test plots comprised of every fungicide I "could lay my hands on". As previously noted, however, the 8 ounces of benomyl only checked the disease progress until August 10th. The fungal activity on that date was incredible as my putting greens were completely covered with mycellium.

In checking the test plots, the only area devoid of any fungal infestation was the one covered with dyrene at "twice the rate". This material was

## The Golf Course Choice in Wisconsin and the World



Since 1926

MILWAUKEE SEWERAGE COMMISSION  
8500 South 5th Ave. Oak Creek, WI 53154

acquired in large quantities and applied [double rate] on a 5 to 7 day schedule. Recovery by the turf was almost complete by August 25th and on August 29th a call from Dr. Worf confirmed my suspicions: fungal activity of resistant Sclerotinia, homoeocarpa compounded by Pythium spp.

Three weeks later, I was able to get rid of my "Agrostis palustris ulceris, my Malox and my milk.

Deak DeCrammer



## Acti-dione® and Proxol® TURF Products Programmed Disease and Insect Control

DON MASKE

AGRICULTURAL CHEMICAL SALES SPECIALIST

HOME: 924 PUTNAM DRIVE, LOCKPORT, ILLINOIS 60441  
815/838-8164

TUCO

DIVISION OF THE UPJOHN COMPANY



Division of  
The Upjohn Company

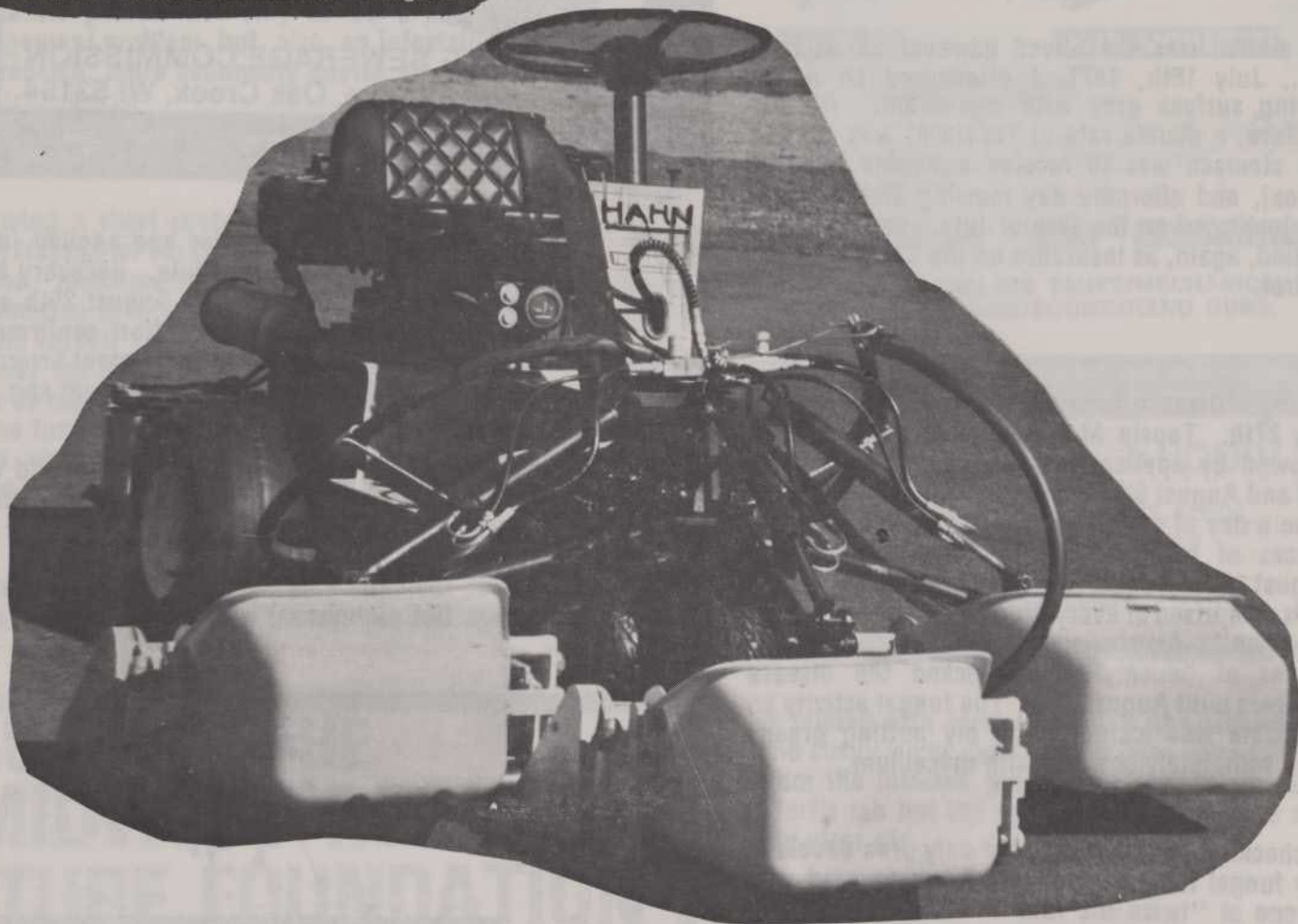
## Congratulations BELATEDLY

The Wisconsin Golf Course Superintendents Association wishes to extend congratulations to Jack Soderberg, Golf Course Superintendent at Merrill Hills Country Club, Delafield, Wisconsin for successfully completing the Golf Course Superintendents Association of America process and becoming a Certified Golf Course Superintendent.



# Time is money on a golf course

That's why you need the  
Hahn Tournament Triplex



## FOUR MACHINES IN ONE.

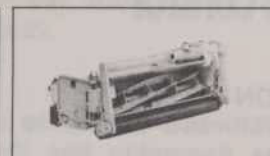
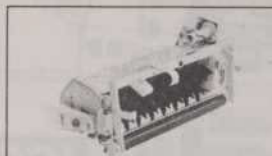
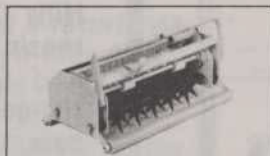
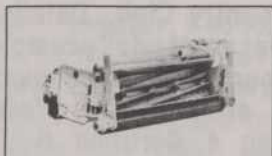
Heads change in just three minutes from greensmowing to verti-cutting, to spiking, to tee mowing, Hahn's quick-change, cable-driven heads make conversion easy and fast.

**Tournament Greensmower:**  
a clip of tournament precision. Each head is up front for maximum visibility and can be lifted individually. Cable drive ends hydraulic oil leaks on green.

**Triplex Vibra-Spiker:**  
high frequency vibration achieves good penetration. The size and speed of coverage allows frequent regular spiking, creating more healthy greens.

**Triplex Verti-Cutter:**  
patented, thin offset blades remove thatch and grain quickly and easily.

**Triplex Utility Mower:**  
ideal for approach and tee mowing. Variable speed permits cutting of all grasses. Ideal general purpose mower.



**NORTHERN TURF EQUIPMENT, INC.**

Route 1, Box 152  
Pardeeville, WI 53954 Phone: 608/429-3402

Route 1, Box 89  
Chippewa Falls, WI 54729 Phone: 715/834-8707

# Position Information Service

Effective immediately the Wisconsin Golf Course Superintendents Association will be offering a POSITION INFORMATION SERVICE to all dues paying members.

It will be necessary for all interested members to fill out the attached card and return it to the Secretary-Treasurer in order to receive the information. Persons registering will then be eligible to received the details of the position openings as it is processed by the Secretary-Treasurer's office.

All replies should be mailed directly to:

Jeff Bottensek, CGCS  
Secretary-Treasurer  
WGCSA  
1330 Ware Street  
P.O. Box 274  
Waupaca, WI 54981

## Complete Tree Service



**ELGHOFF  
TREE  
SERVICE INC.**

Thiensville, WI 242-3390

Lake Shore Sand & Stone -  
DIVISION OF

**CONSTRUCTION  
AGGREGATES CORP.**



515 W. Canal Street  
Milwaukee, Wisconsin 53203

TELEPHONE: 414-271-0625

JAMES D. COOPER, MGR.

WASHED AND TREATED  
LAKE SAND  
FOR TOP DRESSING

CALL "JIM"  
FOR PRICES AND SPECIFICATIONS

Please register me as a participant in the Position Information Service.

Name  Class

Position

Business Address

Business Phone

Home Address

Home Phone

Please Address all Correspondence to:

Business  Home

*Lakeshore*

**Equipment & Supply Co.**

300 S. Abbe Road, Elyria, Ohio 44035 800-321-5951

*Formulators and Distributors of...*

• Herbicides • Insecticides • Fungicides • Fertilizers • Grass  
Seed • Irrigation Equipment • RVC Pipe • Asbestos Cement  
Pipe • Poly Pipe  
Market Replacement Parts, Tires, Batteries Etc.



**LA PLANT**  
IRRIGATION CO., INC.

2651 SO. ONEIDA STREET  
GREEN BAY, WIS. 54304  
PHONE (414) 494-2132

WISCONSIN DISTRIBUTOR FOR

**Weather  matic.**

IRRIGATION SYSTEMS - A STANDARD OF EXCELLENCE

Call Collect for a Quote on Sprinklers, Valves, Controllers, Pipe,  
Fittings, Wire, Pumps and Accessories.

\* SALES \* SERVICE \* DESIGN \* INSTALLATION

## TREE PLANTING

*Specialists*



- Trees Moved up to 10" Diameter
- Commercial Planting
- Shade & Evergreen Trees
- Complete line of Nursery Stock
- Experienced with Golf Course Planting
- Fully Insured Free Estimates

**TALL TREES INC.**

LARGE TREES PLANTED  
FOR INSTANT SHADE

Call **715-344-3669**

P.O. Box 397, Stevens Point, WI 54481

## SUPPORT THE GCSAA SCHOLARSHIP AND RESEARCH FUND



**MILAEGER**  
Well and Pump Co.

INDUSTRIES MUNICIPALITIES SUBDIVISIONS

- Deep Well Drilling and Pump Installation
- Well Development by Acidizing & Shooting
- All Makes of Pumps Repaired
- 24 Hour Service
- TONKA • Water Treatment Equipment

**BYRON JACKSON PUMPS**  
Division of Borg Warner Corporation

Line Shaft Turbine Pumps and Submersible Pumps  
to 500 HP and 1,000 ft. Settings

Servicing Wisconsin and Illinois for Over

60 Years.

20950 Enterprise Ave.  
Brookfield, WI 53005  
(414) 784-3960

640 Pearson Street  
Des Plaines, ILL 60016  
(312) 296-8707

Ulcers cont. . .

The Editor has received information about another source of "Agrostis palustris ulceris" for Wisconsin Golf Course Superintendents from the office of Dr. Gayle Worf, Extension Plant Pathologist, University of Wisconsin-Madison. It seems that "an interesting disease of golf course greens has occurred in the last few years that produces a most dramatic and puzzling set of symptoms when it occurs."

"Turf is affected in a ring-like pattern, somewhat like Fusarium Blight, except that the diameters of the rings are usually greater, ranging from 6" to 24", and the border of the affected turf is narrow, no wider than about one inch. Turf in the affected border area may be killed; more often than not the turf becomes yellow and weak, but is not killed. The disease usually lasts a few days to a week or two. The rings are often nearly perfectly round. Both Poa annua and bentgrass have been affected, although we have not seen it on fairways or home lawns. Where it came from and whether it will become a serious problem is not known."

"We have been puzzled by its cause. The fungus we isolated from diseased tissue somewhat resembles Rhizoctonia, the brown-patch inciting organism. It is a little bit different, however, and it usually develops at cooler temperatures than the brown-patch fungus. Most symptoms have appeared in May, but we have encountered it about the Fourth of July in one case."

In checking with Ms. Pat Sanders of the Plant Pathology Department at The Pennsylvania State University the Editor discovered that, in Pennsylvania tests at least, this "new" disease problem may be what has been referred to in the past as "Cold Weather Brown Patch". With the upswing in the use of systemic fungicides, certain beneficial microorganism populations have been reduced allowing this "Cold Weather Brown Patch" fungus to become more active. According to Ms. Sanders, optimum temperature development range is between 40 degrees and 50 degrees Fahrenheit. In addition, the action of the disease inciting organism is to totally blight the leaf but not be destructive to either roots or crowns of the grass plant. Finally, best control of this "new" disease has been obtained with chloroneb or chlorothalnilol at regular label recommended rates. Benomyl has proven to be ineffective and, as in the case, as some believe, of Helminthosporium, may actually aggravate the problem.