

NORTH CENTRAL REGIONAL UPDATE

I Wish I Had a Dollar For Every Spot...

By **BOB VAVREK**
USGA Agronomist

Dollar spot has been extremely difficult to control at many golf courses across the North Central Region. The weather has been ideal for disease activity, temperatures in the 80's with plenty of rain and humidity. Golf courses with modest operating budgets that rarely treat fairways for disease have suffered the most damage. Treatments that normally protect fairway turf for two to three weeks have only controlled the disease for a week or less depending on the weather conditions.

Some superintendents have been disappointed with the effectiveness of old reliable, contact fungicides such as chlorothalonil. The frequent thunderstorms have encouraged vigorous fairway growth. It should come as no surprise that contact fungicides last no more than a week when a fair amount of the material is removed along with the abundant clippings harvested by frequent mowing operations. A tank mix of contact and systemic fungicides are providing longer lasting control than a single material, but perfect turf comes at a high price when treating 25 or 30 acres.

Cultural practices, such as removing dew early in the morning on days when the fairways are not mowed and managing the nitrogen fertility more carefully to maintain a steady growth rate have been worth the extra effort in some cases.

Remember the classic disease triangle. When you have (1) the pathogen, (2) ideal weather conditions, and (3) a susceptible turfgrass – you will lose some turf density, in spite of fungicide treatments. A number of superintendents are second-guessing the fungicides or their management practices, when in fact, some disease is going to occur until the weather breaks.

The funny thing is I have not heard one golfer or Green Committee Chairman complain about dollar spot in fairways this summer, even at golf courses where the disease is running rampant. Why strive to provide perfect turf if the golfers don't seem to mind imperfect turf? Just some food for thought during the dog days of summer.

Source: Bob Vavrek 262-797-8743 or rvavrek@usga.org

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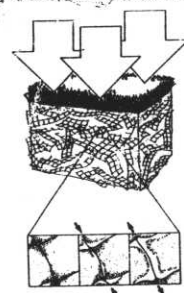
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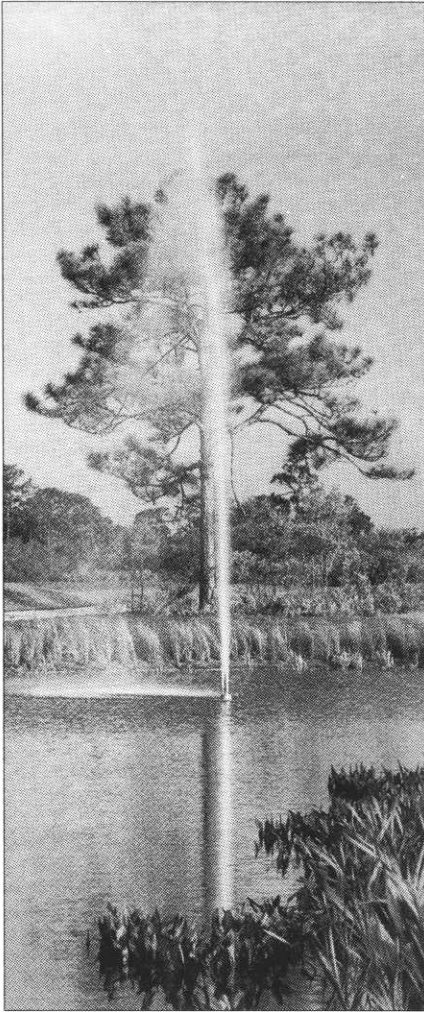


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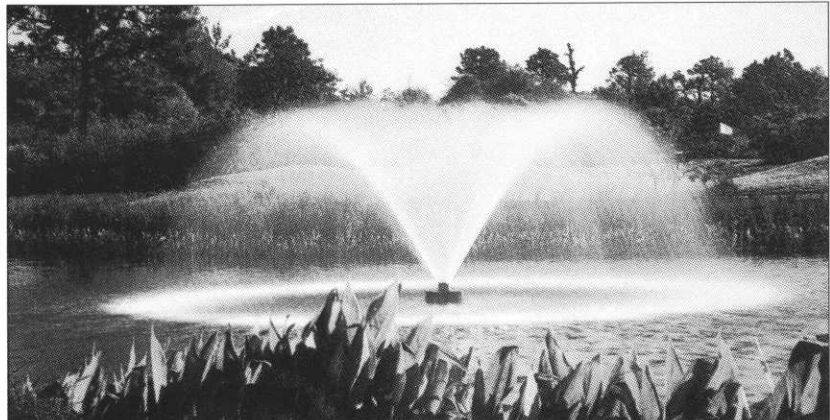
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Turf & Chemical Inc.

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"Flu Season" is upon us once again.

The Dog Days of Summer bring 24-hour days of stifling heat, escalating dewpoints and dead air, all the necessary ingredients for brown patch, dollar spot, anthracnose, gray leaf spot, *Pythium*, various patch diseases and all sorts of other ugly stuff.

North Star Turf's shelves are stocked with elixirs labeled to combat these as well as other ailments you'll encounter this season.

Echo chlorothalonil, Banner and Subdue Maxx, Chipco 26GT, Eagle, Aliette, Fungo 50 and Vorlan top a list of many. A full line of granular fungicides is available, too.

Be ready when trouble come knocking. Call us today for all your fungicide and turf care product needs.



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CLASSIFIED ADS

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1995 Friend Speed Roller with Trailer
National PTO-driven 5-gang
Fairway Reel Mower
plus....extra set of 5-gang verticut reels (1987)
\$2,000 or Best Offer

Contact: RED or MIKE
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(612) 922-9012

FOR SALE

1994 Jacobsen Aerator.....\$3,500
1989 Mars Sweeper.....\$600
1988 Jacobsen 720 Sweeper.....\$2,000
1968 Ford 3500 Backhoe.....\$7,000
1994 Jacob TriKing 1,783 hrs.\$3,000
(or best offer to above prices)

Contact: PAT or ERIC
Dellwood Hills Country Club
(651) 426-4406

FOR SALE

Toro Pull Gang
All 7 units have new bedknives.
Reels are sharpened. Ready to Cut.
Plus:
7 Extra Complete Cutting Units.
\$2,500

Contact: CHRIS HASBROUCK
Daytona Country Club
(612) 427-6110

FOR SALE

1995 Rhino, 11ft 4in
PTO-driven Rough Mower
\$4,000 or best offer
Contact: GRAYLING IHLE
Minnlwa

507/943-3149

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1991 MN WANNER
Pull-type, 200-gallon Sprayer with foamers
and electrical hose reel. Excellent condition.
\$2,795.00

Contact: MIKE or BILL
Town & Country Club
(651) 646-6743

FOR SALE

LANDPRIDE 1548 SLITSEEDER
Mounts on 3 pt. hitch \$4,500.00
TORO 7-GANG REELMASTER
\$1,250.00 or best offer.
Contact: CURT or TIM
Kimble GC

(320) 398-2617

FOR SALE

Jacobsen Trap King
With a New Honda 8 h.p. Motor
Contact: DAVE SIME
Benson Golf Club

(320) 843-2109

FOR SALE

2 Sets Sand Pro 14 Rakes
with replacement parts...best offer.

Contact: TOM or KEN
Brackett's Crossing
(952) 435-2543

FOR SALE

1998 Toro 2300-D
3-wheel Drive
Perkins Diesel w/ 200 hrs. Like New!
The Machine is ground, serviced
and ready for the 2000 season.

Contact: ERIC PETERS
Southbrook Golf & CC
(320) 274-5355

FOR SALE

Toro HTM 175 Fairway Mower.
New parts last season.
\$5,000 or best offer.
Two Ryan Aerifiers. Best Offer.

Contact: MIKE
Bluff Creek Golf Course
(612) 445-5588

WANTED

7-Gang Pull Frame for Toro Spartan
Contact: TOM

(612) 786-2945

USED EQUIPMENT FOR SALE

Used Turfco Meter Matic Top Dresser - \$3,500
zidrf Ytpt Fomhp w/Bucket & Trencher
(300 hrs) - \$10,000

Demo Toro Hc4000 Aerator - \$95,00
Used Toro HydroJet w/Trailer (100hrs) - \$14,300
Used Toro 580D 16' Rotary Tri Deck Mower - \$8,000
Used Deere 3215 Fairway Mower - \$8,000
Used Jacobsen GKV 1996 Greensmower - \$8,600
Add'; Toro/Other Branded Equipment Available
MTI Distributing, Inc.

Jim Tisland
(763) 475-2200, ext. 233
(800) 362-3665, ext. 233

FOR SALE

Ransomes 350D Fairway Mowers - 4 to choose
from:

as low as \$1,500...Many other items available!
Call and let us know what you need!

GreenImage, LLC (651) 437-7747

EQUIPMENT FOR SALE

2 Air Max Circulating Fans
5 h.p. Briggs Industrial Commercial.
Less than 10 hours use. New condition.
\$750 each or best offer.

Delivery available for all equipment.

Contact: JERRY WEBB
Prestwick Golf Club
(651) 459-0288

FOR SALE

1995 Jacobson 22" Walking Greensmower
Excellent Shape....\$2,800 or best offer.

Backlapping Machine
Good Shape....\$200 or best offer

Contact: JIM KIMBERLY
(715) 926-4913

FOR SALE

1984 Ransomes Motor 180
Superior 2 compartment beverage
cooler with 1 compartment freezer (NSF)

Beverage Air 2-compartment
beverage cooler (NSF). Best Offer
Contact: GREG HUBBARD
Manitou Ridge Golf Club

(651) 777-1436, choice 5

FOR SALE

Used Pump Station consisting
of 20,30 and 40 hp electric motor
Berkeley centrifugal pump assembly,
6" Cla-val, 6" Y-strainer and
corresponding control panel
Minimum bid - \$1,800
Mail sealed bids to:

Contact: Keith Greeninger
Baker National Golf Course

(763) 463-3369

Baker National Golf Course
2935 Parkview Drive
Medina, MN 55340
Bid Opening May 15, 2000

FOR SALE

1-5 gang "Easy Picker" Range Picker...\$500
1-3 gang "Easy Picker" Range Picker...\$300
Both are in good working order, few broken
discs and misc. spare parts included.

Contact: BOB DISTEL
Wayzata Country Club
(between 7am & 4pm)

(952) 473-6955

FOR SALE

Toro Greens Aerator #1183.....\$4,995
Toro RM 216 3x3 Triplex Tee Mower...\$3,000
Toro 1000 Walk Greens Mower #0826...\$2,500
Toro GR3100 Riding Greens Mower #1367...\$5,995
Toro GR3200 3x3 Riding Greens Mower #60114...\$9,500
Toro RM5100 D 4x4 5-plex Lightweight
Fairway Mower.....#1139...\$16,500
Toro GM580D 16" Rotary Mower (Roughs) #1321...\$25,500
Toro/Olathe 37/38 3 pt. Hitch Combination
Drop/Slit Seeder...\$1,750

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Goosen Bale Chopper
13 h.p. Motor, used very little.
\$3,000 or best offer

Contact: STEVE SCHUMACHER
Izaty's Golf & Yacht Club

(320) 532-4284

CUSHMAN MOTOR CO. USED EQUIPMENT FOR SALE

Cushman
3-wh. Turf Trucksters w/hyd. dump from \$2,995
4-wh. Turf Trucksters w/hyd. dump from \$4,795
Core Destroyer for Cushman Mower \$2,495

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216 Tri-plex Trim Mower \$1,995

Brower
7-gang PTO Drive Reel Mower \$2,995

Jacobsen
Tri-King 3WD 1471 Trim Mower \$1,595
Tri-King 3 WD 1672 Diesel Trim Mower \$2,995
Tri-King 3 WD 1672 Diesel Trim Mower \$2,995

Steiner
4WD 425 Tractor 72" Deck \$8,500
84" Reels (fits Steiner Tractor) \$2,595
Boom Mower \$1,595

Cushman Motor Co.

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FOR SALE

This is a revision of a previous advertisement. The City of St. Paul Como Golf Course has (2) Foley Accu-spin II Reel Spin Grinders, model # 3096. One 1990 and one 1992 in very good condition. The City had these out for bid with a minimum of \$1,500 each. The City has now dropped their minimum bid and will be accepting bids for these grinders until Friday, September 1, 2000. If you would like a bid form mailed, please contact the Office of Contract and Analysis Services at (651) 266-8900 and ask for bid form #U21494-4 REBID

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Jacobsen Overseeder \$2,495
Kubota M4700 (only 150 hrs)
Turf Special: \$14,900

Contact: ROGER or DAN
Olson Power Equipment
(651) 674-7019

WANTED

Greensking IV Cutting Units - complete set
John Deere 3215 Cutting Units
22" width

5", 7-blade - complete set
Contact: PETE FELLAND
Glenn Rehbein Farms

(612) 919-5672

PRE-OWNED BARGAINS!

Jake Greens King IV's
15 to choose from:
as low as \$900

Jake LF 100 Fairway Mowers
6 to choose from:
as low as \$2,900

Toro GM3 and 3000 Greens Mowers
7 to choose from:
as low as \$950

Toro 216 Trim Mowers
4 to choose from:
as low as \$1,350

Toro 335D and 450D Fairway Mowers
6 to choose from:
as low as \$2,995

Toro 5100 and 5300 Fairway Mowers
4 to choose from:
as low as \$3,995

Ransomes 350D Fairway Mowers
4 to choose from:
as low as \$1,500

John Deere F935 Rotary Demos
Demo units on sale for \$10,595
with 72" decks. These units
have only 200 hrs. on them
and feature a full year John Deere
warranty. Many to choose from!
26 hp Yanmar diesel engine

Many other items available!

Call and let us know what you need!

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Membership Report

New Members: August 29, 2000

Class

Greg Gervais
Oak Knolls Golf Course.....A (pending)
RR3, Box 1, Red Lake Falls, MN 56750
W: 218/253-4423

Jonathon LaLonde
Devils Lake Town & CC.....B (pending)
909 3rd St., Devils Lake, ND 58301
W: 701/662-6631

Chris Vasecka
Eagle Trace Golfers Club.....B (pending)
915 7th St. S., #6, St. Cloud, MN 56301
W: (320) 558-GOLF

Mike Brenneman
The Pines @ Grand View Lodge.....C
P.O. Box 882, Nisswa, MN 56468
W: 218/963-7732

Micah Rafferty
The Fairways.....C
850 Driftwood Dr., Apt. 307, St. Cloud 56303
W: 320/260-3637

Russ Boelter
Baker National Golf Course.....D
1003 Fulton St. SE, Minneapolis, MN 55414
W: 763/473-3369

Jason Curry
Mill Run Golf, Inc.....D
1129 Cty. Rd. F, Eau Claire, WI 54703
W: 715/834-5942

Donald Dare
Baker National Golf Course.....D
743 Upland Ave., Elk River, MN 55330
W: 763/473-3369

Dennis J. McKenna
Baker National Golf Course.....D
4716 28th Ave., Minneapolis, MN 55406
W: 473-3369

Jeff Buffington
Interlachen Country Club.....Associate
5305 Logan Ave. N., Brooklyn Center 55430
W: 952/924-7420

Craig Holden
Sustane Natural Fertilizer.....Affiliate
8620 Wall St., Northfield, MN 55057
W: 507/263-3003

Victor Straw
Weather Eye, Inc.....Affiliate
1959 Wooden Shoe Lane, Baldwin, WI 54002
W: 651/735-1777

Rory Wolff
Fair Havens Golf Course.....Affiliate
15136 130th St., Menahga, MN 56464
W: 218/732-0519

RECLASSIFICATIONS

Jim Bartels
Eastwood Golf Course.....A to AA

Robert Shields
Lake Miliona Golf Course.....A to AA

Harold Davis
Retired.....A to AA

Larry Vetter
MTGF.....Affiliate to E

David Simeon
Woodhill Country Club.....A to C

Pat Schwartz
North Star Turf.....C to Affiliate

Randy Adelsman
Emerald Greens Golf Course.....C to B

Steve Jegtvig
Legacy Courses at Cragun's.....C to B

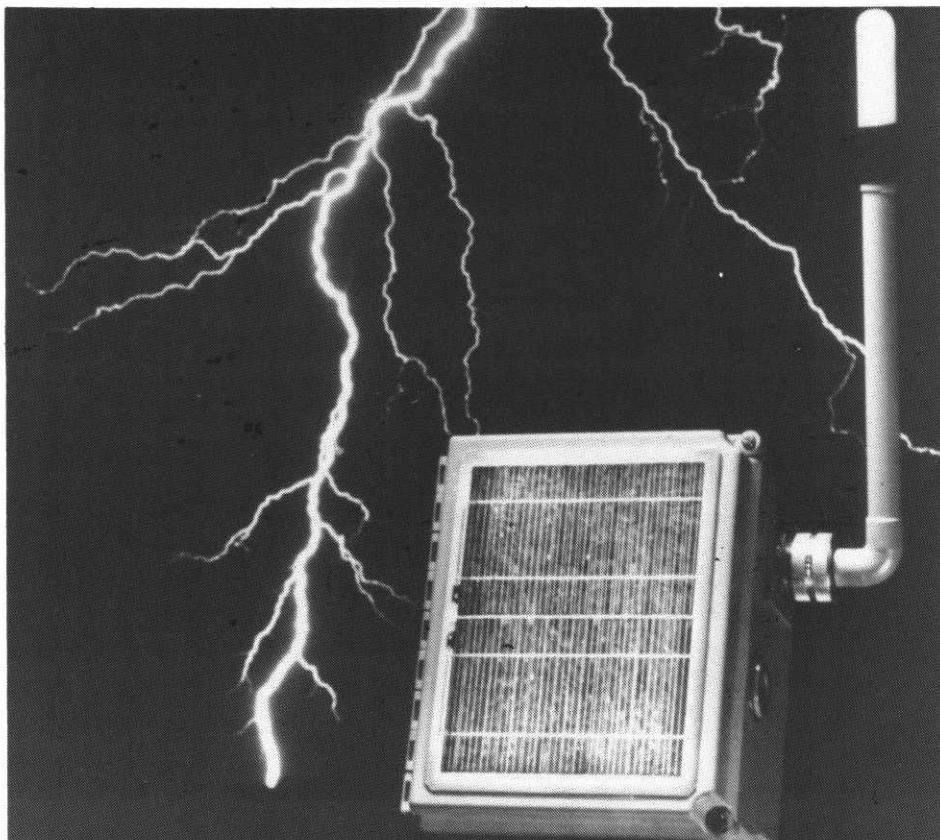
Matt McKinnon
The Legacy Courses at Cragun's.....C to B

Todd Walker
Grand Forks Country Club.....D to B

Submitted by Richard Traver, Jr., CGCS
Membership Chairman

ESID

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- **Low Maintenance**
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MGCSA Championship--

(Continued from Front Cover)

Erickson, Turf Partners, won the Senior Flight with an 84. John Nylund, Braemar Golf Course, finished second with an 89. The Callaway flight produced another scorecard playoff with Mark Storby, Hazeltine National Golf Club, winning the flight with a Callaway 75. Mike Roddy, Interlachen Country Club, finished second.

The MGCSA's next meeting will be at Alexandria Golf Club for the Stodola Research Scramble on Thursday September 21, 2000.

Championship Results

76 JOHN KATTERHEINRICH, INTERLACHEN CC
 76 MIKE KELLY, EDINA CC
 79 BILL MacDONALD, E-Z-GO GOLF CARS
 80 TODD DANIELS, PROTURF SYSTEMS
 81 DICK WILLIAMS, PINE MEADOWS @ BRAINERD
 81 BRUCE LELAND, BRIDGE AMERICA, INC.
 81 DAVID JOHNSON, IZATY'S GOLF & YACHT CLUB
 82 JEFF PINT, NEW PRAGUE GC
 82 BARRY PROVO, LE SUEUR CC
 83 JEFF ANDERSON, LESTER PARK GC
 83 JAY GUSTAFSON, WENDIGO GC
 83 MICHAEL BROWER, HILLCREST GC
 83 TOM NOTCH, BENT CREEK GC
 83 JIM NICOL, CGCS, HAZELTINE NATIONAL GC
 84 JASON SPITZNER, MIDLAND HILLS CC
 84 JOE BUEGE, PEBBLE CREEK G&CC
 84 LEIF ERICKSON, TURF PARTNERS
 86 CHUCK SCHOENROCK, THE WILDS GC
 86 JAMES BADE, SOMERSET CC
 86 ERIC UNGER, THE WILDS GC
 86 LESTER REIFF, MINNEAPOLIS GC
 86 STEVE MAKOWSKIE, INTERLACHEN CC
 86 MIKE HARRINGTON, WAYZATA CC
 87 SHANNON SCHORNACK, THE PINES GC
 87 DANIEL HINTON, JACKSON GC
 87 DAN RASKOB, BELLWOOD OAKS GC
 87 GREG HUBBARD, MANITOU RIDGE GC
 88 JAMES GARDNER, CGCS, THE WILDS GC
 88 DEAN WOJTCZAK, RIVER FALLS GC
 88 RICK STENSON, FOX LAKE GC
 89 TOM MEIER, WORTHINGTON GC
 89 JOHN NYLUND, BRAEMAR GC
 90 TOM MUNDY, E-Z-GO GOLF CARS
 90 SCOTT PAQUETTE, HERITAGE LINKS GC
 90 THOMAS SCHMIDT, MOORHEAD CC
 91 TOM McCANN, TURF SUPPLY CO.
 91 CHUCK TUTHILL, THIEF RIVER GC
 91 JAMES JOHNSON, CGCS, RICH SPRING GC
 91 JERRY WEBB, CGCS, PRESTWICK GC
 91 RICK TRAVER, CGCS, MONTICELLO CC
 91 WES STONEBACK, THE WILDS GC
 92 TERRY NEGEN, BENSON GC
 92 TOM KIENTZLE, CGCS, THE LEGACY COURSES
 92 KEVIN ANDERSON FOX LAKE GC
 92 JOHN MONSON, LONG PRAIRIE CC
 92 MATT ROSTAL, INTERLACHEN CC
 93 BRITTON MATTSON, GIANTS RIDGE GC
 93 JOHN BEYER, PINE MEADOWS GC
 93 JERRY McCANN, DAYTONA CC
 93 KEVIN CLUNIS, TANNER'S BROOK GC
 93 JOEL METZ, INVER WOOD GC
 93 DENNIS SALWEI, UNITED HORT. SUPPLY
 93 JOE OTTO, WILLINGERS GC
 93 BROOKS ELLINGSON, ALBION RIDGES
 94 MIKE HILLIARD, PAR AIDE PRODUCTS
 94 JEFF BACKSTROM, CANNON GC
 94 TODD DIBRITO, EDINA CC
 95 DAVID WOOD, OXBOW CC
 95 BILL LARSON, CGCS, TOWN & CC
 95 DICK GRUNDSTROM, INDIAN HILLS GC
 95 BRANDON SCHURT, ST CROIX NATIONAL
 96 WILLIAM CRENSHAW, IRONMAN GC

96 TOM ROUSSEAU, HAWK CREEK CC
 97 JAMES HAROLDSON, TEE SHOT MARKETING
 97 DAN DICKINSON, SAUK CENTRE CC
 97 LEROY WURM, ALBION RIDGES
 97 MARK STORBY, HAZELTINE NATIONAL GC
 97 JOHN OLSON, GREENIMAGE
 97 DAVID KIRSCHT, DAVID KIRSCHT ASSOC., INC.
 98 DAN SWENSON, RIVER FALLS GC
 98 KURT HADLER, ARBOR POINTE GC
 98 MIKE NELSON, DACOTAH RIDGE GC
 98 JOHN BETCHWARS, CREEKS BEND GC
 98 SCOTT HOFFMANN, CGCS, MADDENS RESORT
 99 DAN BROWN, PAR AIDE PRODUCTS CO.
 99 BEN SABAS, KATE HAVEN GOLF
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 99 SCOTT WELTZIN, PHEASANT ACRES GOLF
 99 RICK CARR, INTERLACHEN CC
 99 FRED EHLERS, BROOKVIEW GC
 99 MARLOW HANSEN, FOREST HILLS GC
 100 ROBERT STERN, PEBBLE CREEK G&CC
 100 RICHARD KOLTER, WESTFIELD GC
 100 JOE DINNEBIER, IZATY'S GOLF & YACHT CLUB
 101 BEN ELSENPIETER, WHISPERING PINES
 101 JIM TEMPLE, THE LINKS AT NORTHFORK
 101 JASON YONAK, THE LINKS AT NORTHFORK
 102 MIKE LIGDAY, MANITOU RIDGE GC
 102 JOE KRATS, THE LINKS AT NORTHFORK
 102 JEFF McDOWELL, BONESTROO & ASSOCIATES
 102 DAN NAGY, ST CROIX NATIONAL
 102 MICHAEL SONNEK, SPRING HILL GC
 104 PAUL ECKHOLM, CGCS, HERITAGE LINKS GC
 104 MIKE MINEHEINE, WILLINGERS GC
 105 CLAYTON HOYT, THIEF RIVER GC
 106 JEFF WHITEHURST, TWIN CITY HYDRO SEEDING
 107 TOM FERIANCEK, HASTINGS CC
 107 BILL GULLICKS, BELLWOOD OAKS GC
 107 MIKE RODDY, INTERLACHEN CC
 108 NATHAN VIK, HILLCREST GC
 108 JON ALMQUIST, MTI DISTRIBUTING CO.
 108 TIM BERQUAM, BERGERSON CASWELL
 108 JEREMIAH NIEBOLTE, MONTICELLO CC
 109 JIM SCHMITZ, CARGILL, INC.
 111 BOB ATOL, BRAEMAR GC
 111 PAUL JONES, TEE SHOT MARKETING
 112 SHANNON VICK, HIDDEN CREEK GC
 112 TOM LUNDGREN, KATE HAVEN GOLF
 113 VIC PETERSON, COUNTRY CLUB TURF
 114 DARRELL WOLLNER, INTERLACHEN CC
 114 MEL STRAND, DOUBLE EAGLE CONSTRUCTION
 114 TOM HERZOG, MINNEAPOLIS GC
 116 JOSEPH CHECK, CHECK SIGNATURE
 122 LARRY THORNTON, SUPERIOR TURF SERVICES
 124 SCOTT MELBY, IZATY'S GOLF & YACHT CLUB
 nc CHRIS CROCKETT, E-Z-GO GOLF CARS
 nc BOB FREDERICKS, MTI DISTRIBUTING CO.
 nc JEFF HANSON, TARTAN PARK
 nc STEVE TAFT, EVELETH GC
 nc JAMES KIMBERLEY, VALLEY GC
 nc RON BLOOM, FAIRWAYS, INC.
 nc DENNIS BAIN, MINNESOTA GOLF CARS
 nc DALE CALDWELL, CGCS, MINNEAPOLIS GC
 nc KEVIN NORBY, HERFORD/NORBY
 nc CARY FEMRITE, NORTH STAR TURF
 ns PAUL DIEGNAU, KELLER GC
 ns DAVE SOLGA, GIANTS RIDGE GC
 ns KEN OTTO, VALLEYWOOD GC



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Golf Course Architects

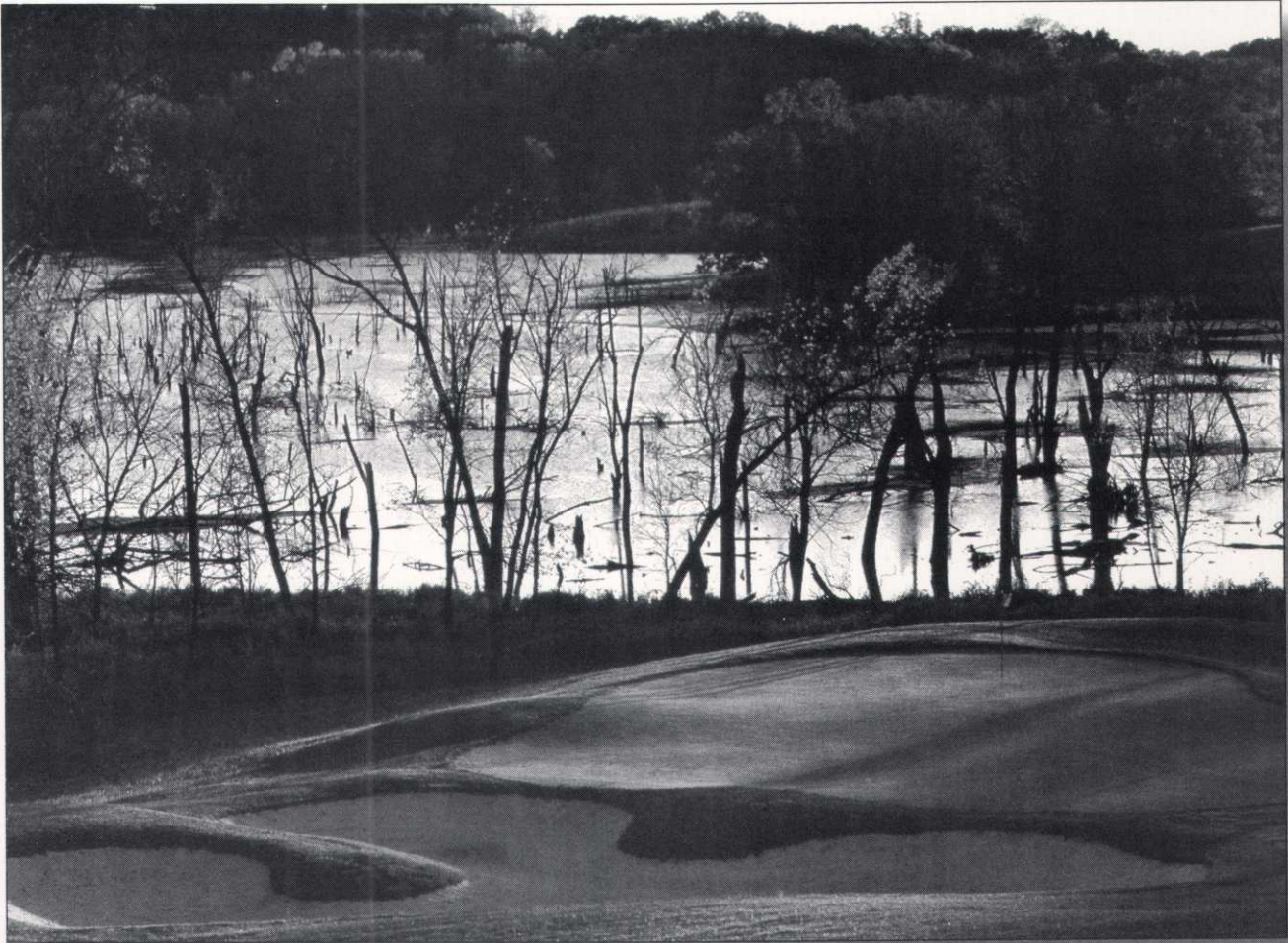
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Photo courtesy of Burian Photography®

Editor's Corner

By Steve Shumansky
Perham Lakeside Country Club



THE FEELING OF AUTUMN IS IN THE AIR....

As I write this I can't help but think the 2000 season is coming to a close.

All of our summer staff members have returned back to school, our club championships are history, and the thought of preparing for winter is just around the corner. Scheduling the air compressor for our blow-out of the irrigation system is in mind as well as ordering our fall chemicals. If you haven't already done so, it's a simple thing to think about, go around and check all your isolation valves for your irrigation system to make sure they are all open. Trust me, it isn't fun to dig up 20+ feet in the spring just because you thought they were all open, and also check sprinkler heads that might have been manually turned off and forgotten. Buy your mothballs to throw into your satellites to keep the mice out. Soon many of our trees on our courses will all look like a painting hanging in a museum

only to last for such a short time and litter our courses. But even as short as it may last, the beauty of the fall color is well worth the mess it leaves for us to clean up. (Well, some of them are pretty).

Some of the nicest things about this time of year are, the days of heat stress are over for the year, the nasty thunderstorms that pop up out of nowhere are gone and the days are a lot shorter.

ALWAYS BE PREPARED!!

For all of us, recordkeeping and paper work has become a daily thing. But the day the Minnesota Department of Agriculture shows up for an inspection always keeps us on our toes. In mid-August the MDA came to my course for a routine pesticide check up. Make sure your records are up to date, your storage area is kept locked, your air gap or back flow is in place, and make sure your local fire department is aware of what types of chemicals you're using and supply them with a site map of where you store them. The MDA is not our enemy, they are there to enforce state laws and help us keep safe in doing so. It's easy to think, I'll fill out my application sheet later, then over look it. The easiest thing I've been doing for years, is filling them out before you actually apply anything. That way when you're finished, all you have to do is put down the amount used and sign off on it. There are many more items I didn't list that we must do to keep in compliance, but it is up to you to keep abreast of our laws.

With that I'll close. I hope your fall is a good one and a healthy one as well. See ya next month.

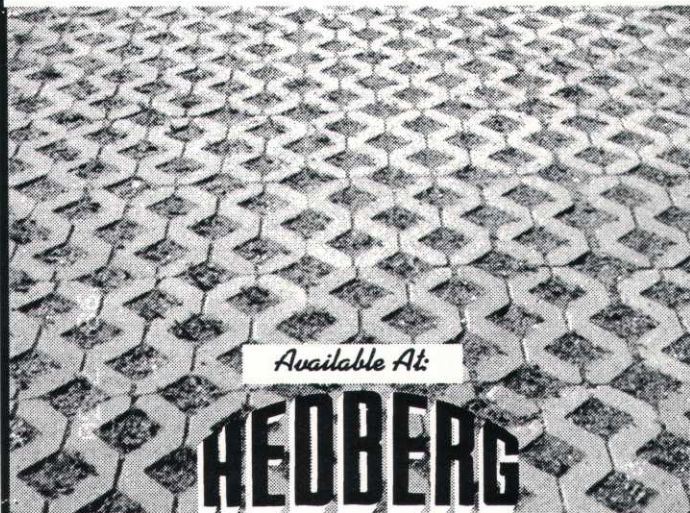
--Steve Shumansky
Editor

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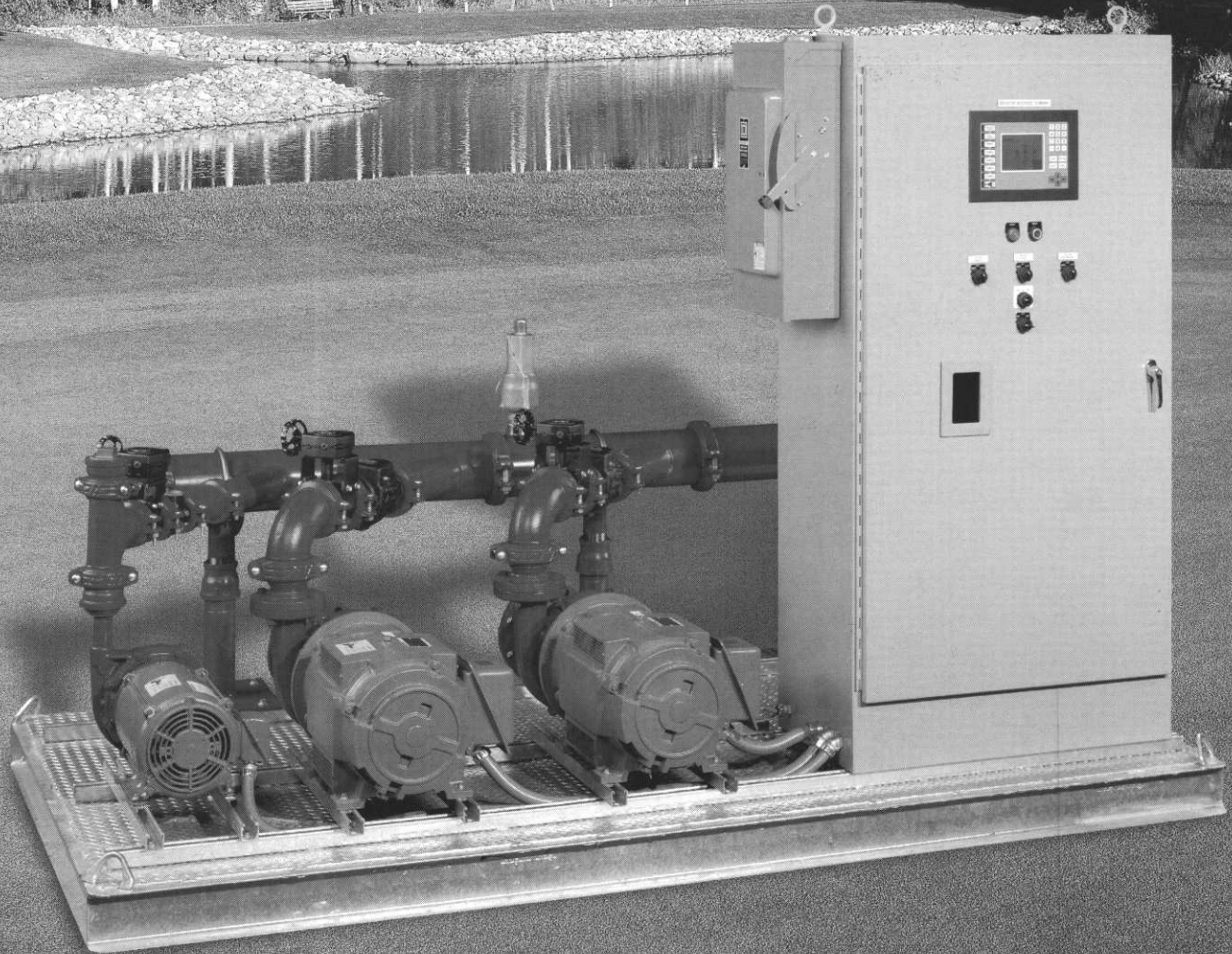
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