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
Why choose AQUA CONTROL?

AQUA CONTROL®

Only AQUA CONTROL Aerator Fountain Systems combine:

* unique water-intake tube design [standard] that extends several feet below the surface and can be equipped with extensions to reach virtually any depth in your lake or pond.

* stainless steel propellers with specially contoured, high efficiency blade forms.

* precision machined ducted shrouds that surround the propellers to boost pressure generation and increase discharge pattern height for optimal aeration and circulation.

* rugged UL-Registered drive motors that are water cooled and water lubricated [no oil to leak].

* an exclusive pump design that uses low-cost, interchangeable components to let you switch from an aerator fountain ... to a decorative fountain ... and back to an aerator fountain any time you wish.

**Geyser Fountains**

½ to 5 HP — max. heights from 20 to 60 ft.

**Aerator Fountains** ½ to 5 HP — capacities from 360,000 to 1,500,000 gal/day

* Your new AQUA CONTROL Aerator Fountain System is a 'ready-to-run package.'

* You get everything you need to install it yourself.

* Typical installation time is just a few hours.

Ask your Precision Turf Representative for more information!

Your Precision Turf Sales Rep is just a phone call away.

1-800-925-8873 or 763-477-5885
"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.
FOR SALE
1995 Friend Speed Roller with Trailer
National PTO-driven 5-gang Fairway Reel Mower
plus...extra set of 5-gang vertical reels (1987)
$2,000 or Best Offer
Contact: RED or MIKE
Edina Country Club
(612) 922-9012

FOR SALE
1994 Jacobsen Aerator $3,500
1989 Mars Sweeper $600
1988 Jacobsen 720 Sweeper $2,000
1998 Ford 3500 Backhoe $7,000
1994 Jacob TriKing 1,783 hrs $3,000

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

FOR SALE
2 Sets Sand Pro 14 Rakes
with replacement parts...best offer.
Contact: TOM or KEN
Bracketts 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
Baker National Golf Course
(763) 463-3369
Bid Opening May 15, 2000

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. Offer 1990 and one in 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 to bid on the above prices, please contact the Office of Contract and Analysis Services at (612) 266-8900 and ask for bid form #RU1494-4-REBID

FOR SALE
Jacobson Overseeder $2,495
Kubota M700 (only 150 hrs)
Turf Special: $14,900
Contact: ROGER or DANN
Olson Power Equipment
(651) 674-7019

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

FOR SALE
1995 Rhino, 11t r4n
PTO-driven Rough Mower $4,000 or best offer
Contact: GRAYLING HALE
Minneapolis
507/943-3149

FOR SALE
Land Pride 1548 slit seeder
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
1991 MN WANNER
Pull-type, 200-gallon Sprayer with nozzles and electrical hose reel. Excellent condition.
$2,750.00
Contact: MIKE or BILL
Town & Country Club
(651) 646-6743

FOR SALE
Used Toro Hydroject w/Trailer (100hrs) $14,300
Used Toro 5800 16' Rotary Tri Deck Mower $8,000
Used Deere 3215 Fairway Mower $5,000
Used Jacobsen GXV 1996 Greenstar $5,600
Add: ToroOther Branded Equipment Available
MTI Distributing, Inc.
(763) 475-2200, ext. 233
(800) 362-3665, ext. 233

FOR SALE
Ransomes 3500 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

FOR SALE
Used Turfcut Matic Top Dresser — $3,500
zidrf Yptp Fomhp wBucket & Trencher
(300 hrs) — $10,000
Demo Toro 6000 Aerator — $95.00
Used Toro Hydroject w/Trailer (100hrs) — $14,300
Used Toro 5800 16' Rotary Tri Deck Mower — $8,000
Used Deere 3215 Fairway Mower — $5,000
Used Jacobsen GXV 1996 Greenstar — $5,600
Add: ToroOther Branded Equipment Available
MTI Distributing, Inc.
(763) 475-2200, ext. 233
(800) 362-3665, ext. 233

FOR SALE
Toro Greens Aerator #1833 — $4,900
Toro RM 216 343 Triplex Tee Mower — $3,000
Toro 1000 Walk Greens Mower $3200 — $2,500
Toro GR3100 Riding Greens Mower #1387 — $5,900
Toro GR3200 343 Riding Greens Mower #00114 — $9,500
Toro RM1000 1 5x45 Splex Lightweight Fairway Mower — $1139 — $15,000
Toro GM580 16' Rotary Mower (Roughs) #1317 — $25,500
Toro/Olathe 37/38 3 pt. Hitch Combination Drop/Ice Seeder — $1,750
-Additional Toro and Other Branded Equipment Available—
Contact: JIM TINSLAND
MTI Distributing Co., Inc.
(763) 475-2200, ext. 233
(800) 362-3665, ext. 233

FOR SALE
Goosene Bale Chopper
13 h.p. Motor, used very little.
$3,000 or best offer
Contact: STEVE SCHUMACHER
Izby's Golf & Yacht Club
(651) 532-4284

FOR SALE
John Deere 3215 Tractor 72" Deck
$8,500

FOR SALE
John Deere F935 Rotary Demos
Many other items available!
22" width
as low as $2,900

FOR SALE
John Deere 5050 Tractor 72" Deck
$9,000

FOR SALE
1998 Toro 335D and 450D Fairway Mowers
Toro 5100 and 5300 Greens Mowers
Toro GM3 and 3000 Greens Mowers

FOR SALE
Greensking IV Cutting Units — complete set
John Deere 3215 Cutting Units
22" width
5, 7-blade — complete set
Contact: PETE FELLAND
Glenn Rebein Farms
(612) 919-5672

FOR SALE
22" width
as low as $2,900

FOR SALE
Trimmer Mower $1,595

FOR SALE
5", 7-blade — complete set
Contact: MIKE or BILL
Town & Country Club
(651) 646-6743

FOR SALE
Goosene Fairway Mower 22" width
$16,500

FOR SALE
Top Lawn Mower $1,500

FOR SALE
2 Air 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
Ransomes 3500 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

FOR SALE
Cushman Motor Co.
Used equipment for fairway mowers
Cushman
3-wt. Turf Trucks w/ spin wheel
from $2,950
4-wt. Turf Trucks w/ spin wheel
from $4,750
Core Destroyer for Cushman Mower $2,450
Toro 216 Tri-plex Mower $1,950
7-gang PTO Drive Reel Mower $2,950
Casablanca Tri-King 3W 1471 Trim Mower $1,950
Tri-King 3W 1471 Diesel Trim Mower $2,950
Tri-King 3W 1471 Diesel Trim Mower $2,950
4WD 425 Tractor 37" Deck $8,500
84" Reels (Rt Stenner Tractor) $2,950
Boom Mower $1,595
Cushman Motor Co.
2909 E. Franklin Ave.
Minneapolis, MN 55406
(612) 333-3487

FOR SALE
22" width
as low as $2,900

FOR SALE
Pre-owned bargains!
John Deere F395 Rotary Demos
Demo units on sale for $10,500
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!
GreenImage, LLC
(651) 437-7747
## Membership Report

### New Members: August 29, 2000

<table>
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<tr>
<th>Class</th>
<th>Name</th>
<th>Address</th>
<th>Contact Info</th>
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<tr>
<td></td>
<td>Greg Gervais</td>
<td>Oak Knolls Golf Course A (pending)</td>
<td>W: 218/253-4423</td>
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<td>Jonathon LaLonde</td>
<td>Devils Lake Town &amp; CC B (pending)</td>
<td>W: 701/662-6631</td>
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<td>Chris Vaseka</td>
<td>Eagle Trace Golfers Club B (pending)</td>
<td>W: (320) 558-GOLF</td>
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<td>Mike Brenneman</td>
<td>The Pines @ Grand View Lodge C</td>
<td>W: 218/963-7732</td>
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<td>Micah Rafferty</td>
<td>The Fairways C</td>
<td>W: 320/260-3637</td>
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<td>Russ Boelter</td>
<td>Baker National Golf Course D</td>
<td>W: 763/473-3369</td>
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<td>Jason Curry</td>
<td>Mill Run Golf, Inc. D</td>
<td>W: 715/634-5942</td>
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<td>Donald Dare</td>
<td>Baker National Golf Course E</td>
<td>W: 763/473-3369</td>
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<td>Dennis J. McKenna</td>
<td>Baker National Golf Course G</td>
<td>W: 473-3369</td>
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<td></td>
<td>Jeff Buffington</td>
<td>Interlachen Country Club A</td>
<td>W: 952/924-7420</td>
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<td>Craig Holden</td>
<td>Sustane Natural Fertilizer Affiliate</td>
<td>W: 507/363-3003</td>
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<td>Victor Straw</td>
<td>Weather Eye, Inc. Affiliate</td>
<td>W: 651/735-1777</td>
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<td>Rory Wolff</td>
<td>Fair Havens Golf Course Affiliate</td>
<td>W: 763/732-0519</td>
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### RECLASSIFICATIONS

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<tr>
<td></td>
<td>Jim Bartels</td>
<td>Eastwood Golf Course A to AA</td>
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<td>Robert Shields</td>
<td>Lake Miltona Golf Course A to AA</td>
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<td>Harold Davis</td>
<td>Retired</td>
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<td>Larry Vetter</td>
<td>MTGF Affiliate E</td>
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<td>David Simeon</td>
<td>Woodhill Country Club A to C</td>
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<td>Pat Schwartz</td>
<td>North Star Turf C to Affiliate</td>
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<td>Randy Adelman</td>
<td>Emerald Greens Golf Course C to B</td>
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<td>Steve Jegtvig</td>
<td>Legacy Courses at Cragun's C to B</td>
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<td>Matt McKinney</td>
<td>Legacy Courses at Cragun's C to B</td>
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<td>Todd Walker</td>
<td>Grand Forks Country Club D to B</td>
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Submitted by Richard Traver, Jr., CGCS
Membership Chairman

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**ESID**

Electrical Storm Identification Device

Early warning of thunderstorm activity in your area is essential when you need to make critical decisions regarding personnel safety and the isolation of sensitive equipment. The USGA, PGA, and over 500 individual golf courses rely on Global Atmospherics, Inc., manufacturer of ESID.

Renowned organizations such as NASA, SeaWorld, the National Weather Service, the U.S. Military, American Airlines, MCI and hundreds of customers in over 30 countries worldwide have chosen Global Atmospherics to meet their lightning warning, detection and information needs. This depth of experience is just one of the reasons that led Toro, the leading turf management organization in the world and QPS, manufacturer of the #1 golf course siren system, COURSE ALERT, to select Global Atmospherics to co-develop a product to meet the unique needs of their golfing customers, friends and associates.

That product is **ESID**

*When you need...*

- 100% Thunderstorm Detection Efficiency
- Complete Warning / System Shut-down Automation
- Zero False Alarms
- Highly Accuracy Range Information
- Easy Installation
- Low Maintenance
- Patented State of the Art Technology

...and the confidence of teaming up with the World Leader in lightning detection and location.

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

**Championship Results**

<table>
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<tr>
<th>Position</th>
<th>Name</th>
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<tr>
<td>1</td>
<td>David Erickson, Turf Partners</td>
<td>E-Z-GO Golf Cars</td>
</tr>
<tr>
<td>2</td>
<td>John Nylund</td>
<td>Braemar Golf Course</td>
</tr>
<tr>
<td>3</td>
<td>Mike Roddy</td>
<td>Interlachen Country Club</td>
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(Continued from Front Cover)
When you need Top Dressing Material...

you need Plaisted.

Plaisted Companies is the one call for all your golf course materials, including top dressing blends to meet your most demanding specifications.

Plaisted Companies INCORPORATED

P.O. Box 332 • 11555 205th Avenue N.W. • Elk River, MN 55330

612-441-1100

Construction Materials • Top Dressing Blends • Bunker Sand • Carpath Aggregate • Draintile & Decorative Rock

Photo courtesy of Burian Photography®
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 think 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