

# The Green Sheet



## **Central Pennsylvania Golf Course Superintendents Association**

Volume 10 Issue 7

September 2002

# **September Meeting**

Butter Valley Golf Port September 17, 2002

> 10:30 AM - Speaker 11:30 AM - Lunch 12:30 PM - Shotgun 5:00 PM - Pig Roast

There will be a CPGCSA Board of Directors Meeting at 8:30 AM.

# **Superintendent Profile**

John Gehman is the owner and superintendent and has held that position since Pop's retirement in 1986. A college education was bypassed in favor of on-the-job training. The family business is currently in a transition phase. John's son Josh, a graduate of Delaware Valley College, has been assuming a greater share of superintendent responsibilities giving John more time to devote to business management issues. Succession does have a precedence. John and Josh are the 8th and 9th generation of Gehman's to reside on, and work the land that is now Butter Valley Golf Port.

## **Golf Course Profile**

Butter Valley Golf Port was opened in 1969. And if it doesn't rain soon, it will close in 2002. The original design featured 2 small sand traps and 4 trees. Today there are a few more traps, and trees everywhere. The most notably unique feature is a public use aircraft landing strip dividing the first fourteen from the last four holes. Another unique feature is the GPS vardage system which was installed on the carts in 1999. On Memorial Day of this year, the new third green was opened which extended that hole an additional 140 yards resulting in a full par 36 for both the front and back nines. Fairway irrigation is currently under investigation. A municipal sewage treatment facility a few hundred yards off the corner of the golf course property is being pursued as the water source. One other unique feature of Butter Valley is that it is one of the few courses to come down with anthracnose in its bent grass this year.

# Mid-Atlantic USGA Update The Turf and the Turf Managers Are Tired

By Keith Happ, Agronomist updated 8-26-02

Drought extremes continue in many portions of the Mid-Atlantic Region. Drought emergencies are in effect for 14 counties in Pennsylvania, portions of Maryland, and many major metropolitan areas of Virginia and Delaware. In areas where water restrictions have not been mandated, superintendents have enacted water rationing. Some have no choice; they're running out of water! Irrigation has been turned off in the roughs, and in an ever increasing number, on fairways.

This water shortage has forced turf managers to rethink maintenance and course preparation strategies. Golfers also must understand that this prolonged period of heat, humidity, and drought is not good for grass or golf. They should expect less from their courses and more rules to be followed for the long term good of the grass when the weather moderates.

Aeration techniques have been adjusted. Many normally performed cultural practices have been put on the back burner, and preparations for winter overseeding of bermudagrass may have to be omitted. Without rain, overseeding programs may have to be modified, deferred, or even omitted for this year.

Inside This Issue	
President's Message	Page 2
Directions to Butter Valley Golf Port	Page 2
Membership News	Page 3
Heather and Gorse	Page 5
Green Partners	Page 6
Green Sheet Supporters	Page 11

# President's Message

The knotweed and crabgrass are doing just fine! With our present (and future water situation), perhaps research can be done find an upward growing blend of crabgrass and knotweed that can be mowed at ½" for fairways. I must say that when you see crabgrass wilting, you know it's dry!

What a fun year it has been! It is my prayer that your marriage and family relationships are going strong, as that is the most important thing through all of this. For all of you wives that may be reading this...Thank you for putting up with us!

What can I say about our meeting at Lehigh? Thank you, John, for organizing an absolutely perfect day on an <u>almost</u> perfect golf course. The course wasn't perfect because I did see one crooked OB marker and cart sign! Now John, I have told you about those crooked signs!! I don't know that I've ever had a better meal and I have to say that it is nice to be at a club where projects are planned and done right the first time. It was nice to return to my brown golf course in the dark!

We are looking for a great turnout at the 2<sup>nd</sup> annual picnic on October 5<sup>th</sup>. This is a great opportunity for our wives to talk and try to understand us better. There will be plenty of activities for the kids! Talking about anything to do with turf will be strongly prohibited!

Also, mark your calendars. On January 25, we be having our first awards banquet, where the first Dave Rafferty Distinguished Service Award will be presented.

Happy Aerification and see you at Butter Valley!

Bill Brooks

# **Directions to Butter Valley Golf Port**

#### Allentown/Bethlehem/Easton

Route 100 South into Bally. Seventh Street- turn left. We're just a mile and a half away.

#### **Pottstown**

Route 100 North (past Boyertown) into Bally. Seventh Street- turn right. Entrance is a mile and a half away.

#### Reading

Route 422 East to Route 100 North (past Boyertown) into Bally. Seventh Street-turn right A mile and a half to entrance.

#### **Northern Berks County**

Route 73 East to (Boyertown) Route 100 North into Bally. Seventh Street-turn right. A mile and a half to entrance.

#### King of Prussia/Philadelphia

Route 422 West to Route 100 North (past Boyertown) into Bally. Seventh Street-turn right. A mile and a half to entrance.

#### **Downingtown Interchange**

Pennsylvania Turnpike (East-West) Route 100 North (past Pottstown, Boyertown) into Bally. Seventh Street- turn right. Entrance is a mile and a half away.

South Seventh Street Bally, Pa 19503 610 845-2491 www.buttervalley.com PRESIDENT

(610) 269-5159

WILLIAM E. BROOKS HANOVER COUNTRY CLUB (717) 259-8706

**VICE PRESIDENT** MARK V. DELSANTRO, CGCS

SECRETARY/TREASURER, GCSAA LIAISON WILLIAM P. RAMSEY RANGE END GOLF CLUB (717) 432-3711

PRESIDENT EMERITUS/BYLAWS DANIEL W. ACHENBACH FOXCHASE GOLF CLUB (717) 336-3847

**NEWSLETTER EDITOR** MARK V. DELSANTRO, CGCS (610) 269-5159

MEDIA/PUBLIC RELATIONS PETE RAMSEY RANGE END GOLF CLUB (717) 432-3711

NOMINATIONS/CHAPTER RELATIONS RON DIEFENTHALER, CGCS 2002 COLONIAL COUNTRY CLUB (717) 545-6760

BYLAWS/EDUCATION
RANDY M. SUPER 2002
PINE MEADOWS GOLF COMPLEX
(717) 865-1445

MEMBERSHIP TOM L. KINTZER 2003 BLUE MT. VIEW GOLF COURSE (717) 865-4401

DAVE FREY 2004 COUNTRY CLUB OF HARRISBURG (717) 545-8553

**GOLF** FARON J. STOOPS 2003 (717) 765-4935

CHRIS MARTIN 2004 IRON VALLEY GOLF COURSE (717) 279-7409

AFFILIATE REPRESENTATIVES SCOTT C. FISCHER (717) 558-9653

THOMAS MAHUTE (717) 892-0339

PAST PRESIDENTS DANIEL W. ACHENBACH FRED N. BAKER CHARLES A. BARLEY ROBERT BEYER, CGCS C. WILLIAM BLACK, CGCS GREG BORZOK IOHN J. BOYD DWIGHT H. BRUBAKER CHARLES H. CADIZ, CGCS JOHN A. CHASSARD KENNETH R. DIETRICH, CGCS JOHN DOUGHERTY GREGORY C. FANTUZZI, CGCS JEFFREY L. FRY, CGCS RICHARD FIINK JOHN L. GEHMAN ANTHONY P. GOODLEY, CGCS MICHAEL C. HAIR RILEY E. HECKERT FRED HEILEN, CGCS CAMERON G. HENDERSON JAMES W. JONES, CGCS BYRON F. KNOLL, JR. HARRY L. LATCHAW H. IIM LOKE, CGCS JAMES N. MACLAREN JOHN P. MCCORMICK THOMAS C. OCEPEK DAVID P. PORTZ, CGCS DAVID M. RAFFERTY DANIEL L. SNOWBERGER SAMUEL R. SNYDER, CGCS RICHARD J. SUTTLES EDWARD A. TABOR WILLIAM G. WALL, JR. DAVID C. WEITZEL, CGCS MICHAEL WILT TERRY L. WUESCHINSKI, CGCS THEODORE S. ZABRENSKI

# **Membership News**

The following individuals have applied for membership into our association. If there are no written objections within the next seven days, they will be accepted into CPGCSA at the next meeting.

Ricky Siefkas, Superintendent Green Hills Golf Course......Class B

We would like to welcome the following individuals into our association.

Karen Hartman, Sales Representative Cleary ...... Class AF

Dorothy Stancill, Director of Sales Harford Industrial Minerals............ Class AF

If you know of anyone who is interested in membership into the association, please have them contact Tom Kintzer, Blue Mt. View Golf Course (717) 861-5722.

# **Upcoming Events**

- September 20, 2002 28th Western PA Turfgrass Tournament, Totteridge Golf Club, Greensburg, PA
- October 21, 2002 26th Annual Joseph Valentine Memorial Golf Tournament, Whitemarsh Valley Country Club, Lafayette Hills, PA.
- November 5-7, 2002 Penn State Golf Turf Conference, Nittany Lion Inn, Penn State University.
- January 7-9, 2003 Eastern PA Turf Conference & Trade Show, Valley Forge Convention Center, King of Prussia, PA
- January 30, 2003 Northeastern PA Turf School & Trade Show, The Woodlands Inn & Resort, Wilkes-Barre, PA
- February 10-15, 2003 GCSAA Conference and Show, Georgia World Conference Center, Atlanta, Georgia
- **February 25-27, 2003** Western PA Turf Conference & Trade Show, Pittsburgh Expo Mart/Radisson Hotel, Monroeville, PA.

# 2003 CPGCSA Board of Director Nominations

The CPGCSA Annual Meeting with the election of officers will be held on October 8, 2002 at Pine Meadows Golf Complex. Listed below are the nominations:

**President:** Bill Brooks

**Vice President:** 

Pete Ramsey Ron Diefenthaler, CGCS

Secretary/Treasurer: Faron Stoops

**Directors:** 

Steve Ludwig Mark MacDonald Steve Gross John Colo

If you or someone you know is interested in running for the 2003 Board of Directors, please contact Ron Diefenthaler at Colonial Country Club (717) 545-6760.

# Mid-Atlantic USGA Update

.....continued from page 1.....

lingering ryegrass would provide every opportunity to present the healthiest possible bermudagrass next spring.

Controlling mechanical stress remains essential to the short term survival of the turf. During high heat, high humidity and drought conditions, continue to control traffic stress from golfers, golf carts and maintenance machinery. It will make a difference when weather becomes more favorable.

Disease Samples received by the University of Maryland plant diagnostic laboratory show that in approximately 75% of the samples, no significant disease was seen. The grass was suffering due to other causes; no doubt due to the extended period of heat and humidity

As always, if the agronomists of the Mid-Atlantic Region can be of assistance, contact Stan Zontek (szontek@usga.org) or Darin Bevard (dbevard@usga.org) at 610-696-4747 or Keith Happ (khapp@usga.org) at 412-341-5922.

Please contact Wanda with any employment or address changes, so that we can keep our records up to date.

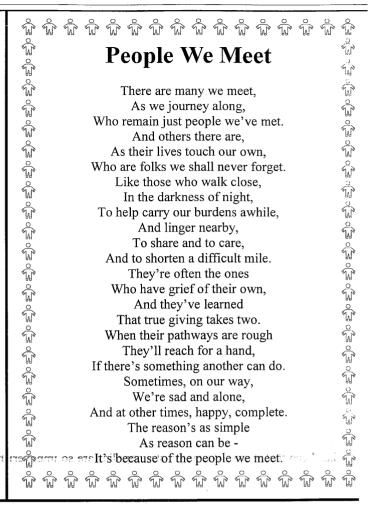
#### **GREENS & GRASSROOTS**

GCSAA's Government Relations Newsletter August 23, 2002 Vol. 7 - No. 18

Pennsylvania:

The Dept. of Environmental Protection proposed a rule to issue a General National Pollutant Discharge Elimination System (NPDES) Small Construction Permit for construction activities involving one to five acres of earth disturbance with a point source discharge of stormwater. Under the proposal, operators would be required to submit a notice of intent to the DEP identifying that they had developed an Erosion and Sediment Control (E&S) Plan and that performance-based best management practices (BMPs) as described in the Plan would be implemented and maintained to effectively control erosion and sedimentation to protect water quality. The DEP is required by federal law to implement Phase II requirements for NPDES permit coverage by Dec. 8, 2002; the agency will accept public comment on this matter until Sept. 10, 2002.

General NPDES Small Construction Permit (PAG-14) Notice: http://www.pabulletin.com/secure/data/ vol32/32-32/1382.html ... uses paragraph are yearn tont bod





## PHILADELPHIA TURF COMPANY

4049 LANDISVILLE ROAD, BOX 865 **DOYLESTOWN, PA 18901-0865** 215-345-7200 • FAX: 215-345-8132



Toro Irrigation Heads, Controllers, & Valves **Buckner by Storm Brass Products** Flowtronex Pump Stations Carson & Ametek Valve Boxes Kennedy & Nibco Valves Wire, Electrical, & Grounding **PVC Pipe & Fittings Ductile Iron Fittings** Four Salesperson Team Six Support Person Team Four Serviceperson Team Authorized Independent Service Agents

On-site Technical Training

Equipment & Irrigation, Utility Vehicles & Attachments Parts, Sales, & Service you can depend on.

Toro Reel Mowers, Rotary Mowers Sprayers & Spray Technologies Aerification Products Large Selection of Parts Demonstration Units Nine Salesperson Team Fourteen Serviceperson Team Shop & Road Service Package Programs Leasing Options On-site Service Training Service Seminars & Continuing Education Courses

Largest supplier of turf and irrigation equipment in Eastern PA, Southern NJ, and Newcastle County, DE.

## Heather and Gorse By Mark V. DelSantro, CGCS

"Thousands of people have talent. I might as well congratulate you for having eyes in your head. The one and only thing that counts is do you have staying power?" --- Noel Coward

I know a few golf course superintendents whose staying power has been tested a bit over the past few months. Never have I seen a year that has beat up more people, more often than this year. Many superintendents are spent emotionally, physically, and intellectually. And I assure all of you, if you think your situation is bad... take a trip over to South Jersey. Many of those golf courses ran totally out of water back in the beginning of August. I heard the other day that if the month of August continues on its current track, South Jersey will have the dubious distinction of claiming that eight of the past ten months have been the driest ever recorded. Couple this with the heat and the predominant sandy-based soils and you have an outstanding recipe for toasted turf. Would you like some butter and jelly on that toast?

Every Sunday evening over the past month, I think to myself this will be the week all of this breaks and the weather will turn around... and every week the temperature stays hot and the ground gets drier and drier. My co-worker, John Fowler, recently spent a week at Bent Creek Country Club under the tutelage of Jim Loke, CGCS in an attempt to gain a better understanding of a superintendent's daily routines and responsibilities. One afternoon, the Lokester and Big John went out with a laser thermometer to measure the surface temperatures of some hot spots... one particular hot spot in a fairway was measured at 145 degrees. The asphalt path thirty feet away was only 135 degrees and a healthy looking area in the same general vicinity measured in at 95 degrees. Considering that a bentgrass plant stops photosynthesizing at around 85 degrees and that bentgrass roots begin to die around the same temperature, is it any wonder why the heat stress has been indiscriminate towards its turf victims this year.

I've always theorized that from July 1<sup>st</sup> through August 31<sup>st</sup> the condition of the average golf course regresses. Some more than others, but inevitably you hang on as best you can until autumn or until aerification/overseeding. The problem has been that it is so dry and water supplies are so impoverished that many are postponing their cultivation processes until further notice. Let's face it, the aerification process when the soil has plenty of moisture is hard enough on the turf and the aerification machines alike... considering the current droughty conditions, one might as well go aerify the parking lot (you may actually get better penetration!).

The other thing that's being observed is that due to the extensive hot and dry conditions many secondary pathogens/parasites, which normally live symbiotically with healthy turf, have seized their opportunity to become short-term true pests. In many instances, Nematodes, Bacterial Wilt, Frit Flies, Chinch Bugs, and the like are taking the tired and worn out turf and putting them out of their misery.

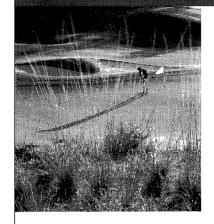
On occasion my travels have taken me past a golf course or two that for whatever reason seems unaffected by the drought. This concerns me simply because it puts more undeserved pressure on the superintendent whose golf course has taken a beating. My past experience tells me that while many of the memberships/owners will be compassionate about failing conditions, all things considered... similar to those facultative parasites we previously mentioned, some will seize the opportunity to force a change, regardless of fault. To top it all, many of those same parasites will attempt to justify their decision by simply stating "Hey, it's not personal, it's just business!"

In an attempt to combat this unhappy experience from happening to you, make sure you keep your memberships/ owners informed and involved as much as possible. Good communication should always be a common practice, but especially in years like these, good communication skills and practices can save your job. Besides, there is no glory in getting fired! My own personal experience tells me that unemployment is overrated... in fact, it's actually hard to make a living on unemployment. I guess if it were easier more people would opt to take advantage of it.

Most of you probably received an e-mail I sent recently regarding Gray Leaf Spot in the Baltimore and DC areas... these areas have received a little bit more rain than our region. Keep in mind though, for those of you who have elected to either stop or stretch your preventative fungicide treatments, be careful of a resurgence effect in the event the weather does break and we get some much needed rainfall. The turf is already stressed from the heat, traffic and insects... the infection vectors are all in place and the only missing ingredient from a good disease recipe is moisture.

It's been a long summer my friends and about the only thing anyone can guarantee at this point is that the days will continue to get shorter, the nights longer, and eventually things will change. Until then, make the most out of your droughty experience and remember that ever-so-popular ancient Chinese saying... "The flower that blooms in adversity is the rarest and most beautiful of them all!" That's my persistent, 145-degree, regressing, parasitic, communicative, resurgent, rare and beautiful view from the heather and gorse.

# We're putting your points to good use.



As a GreenPartners™ association member, we value your donations of GreenPartners points. When a GreenPartners member purchases Syngenta products, they have the option to donate GreenPartners points to our association, which we can then use for the good of the association. We thank Syngenta for making this possible. And we hope everyone will participate. If you haven't registered yet, just log on at www.greenpartnersonline.com. And find out how rewarding GreenPartners can be for all of us.





www.greenpartnersonline.com

GreenPartners™ is a trademark of a Syngenta Group Company.

# ONE CALL HANDLES IT ALL JOHN DEERE LANDSCAPES

It's a superintendent's ideal agenda: Keeping the course 100 percent playable throughout the season. Now there's a new team member ready to provide the service and support you need to achieve that goal — John Deere Landscapes.

Your local John Deere Landscapes branch is among the most comprehensive suppliers of golf course irrigation equipment in the U.S. With a nationwide network of branches and field staff, John Deere Landscapes has the professional expertise

and equipment to solve any site challenge.

Renovation or new construction?

John Deere Landscapes can show you the industry's most advanced irrigation management tools to help you control water, labor

and energy costs – while helping you achieve that goal of 100 percent playability. Call today: 800-642-3706.

**Irrigation Systems Featuring Hunter Golf** Reliable rotors, valves, central control systems, maintenance radios

Pump Stations Customized for your course

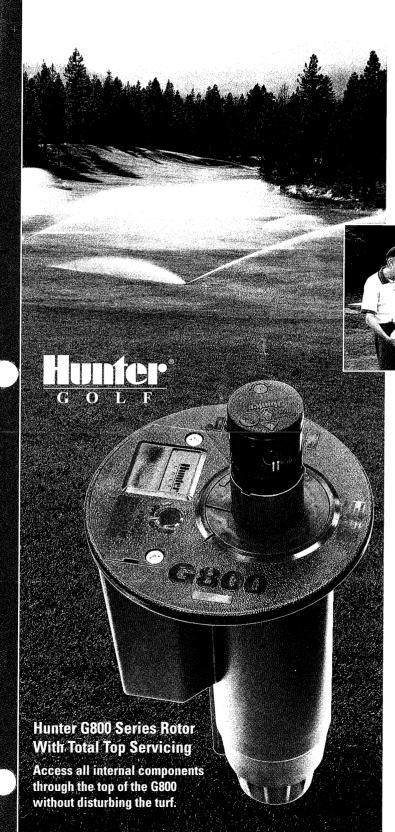
**Fountains and Landscape Lighting** AquaMaster and Oase fountains, Vista Professional Outdoor Lighting

**BoardTronics Controller Board Repairs** Replace outdated Toro™ and Rain Bird ™ controller boards: 888-855-9132

**Direct Sales** Quantity shipments of landscape products and nursery stock: 866-880-9380

More Than 220 Branches Nationwide







# UPDATE YOUR IRRIGATION SYSTEM WITH HUNTER WATER MANAGEMENT TOOLS

### **Featuring New Hunter G800 Rotors**

Rugged closed case design prevents contamination.

#### With Total Top Servicing

Hunter Golf's expanding product line now includes G800 Series Rotors with Total Top Servicing. This user-friendly feature — plus precise water distribution and wide range of models — make Hunter's G800 the most popular sprinkler for course renovation and upgrades.

Hunter<sup>®</sup>
GOLF



#### **Save Time and Labor During Maintenance**

The G800 Series features Hunter's exclusive Total Top Service with integrated valve. Now the G800's inner mechanism can be

removed through the top without disturbing the turf. Plus, the G800's adjustable pressure regulator is fully enclosed in the flange compartment to discourage tampering.



#### G860/865

- Low Pressure Rotor
- Through-the-Top Servicing
- Patented Precision
   Distribution Control™
- Full circle or adjustable arc (40° to 360°)
- 3 1/2" pop-up height
- 50' to 67' radius
- 6.5 to 21.6 gpm



#### G870/875

- Mid-Range Rotor
- Through-the-Top Servicing
- PressurePort<sup>™</sup> technology for distribution uniformity
- Full circle or adjustable arc (40° to 360°)
- Interchangeable nozzles
- 3 1/2" pop-up height
- 47' to 75' radius
- 7.7 to 33.7 gpm



#### G880

- Long Distance Rotor
- Through-the-Top Servicing
- Full circle
- Interchangeable nozzles
- 3 1/2" pop-up height (
- 67' to 88' radius
- 22.5 to 57.9 gpm

# **Hunter G800 Total Top Servicing Turf is Undisturbed During Routine Maintenance**



Now you can access all inner mechanisms with the G800's Total Top Service.



Remove solenoid, wire connections, pilot valve and adjustable regulator...



Then pull out heavy-duty snap ring with wiper seal to access gear-drive assembly.



Integrated valve includes snap ring, valve seat and extra large rock screen.



# **David Rafferty Memorial Award**

The CPGCSA Board of Directors has approved the **David Rafferty Memorial Dedication, Leadership and Service Award**. The award committee (Greg Borzok, Chuck Cadiz, Jim Jones and Sam Snyder) have developed the award concept and nomination forms that will be sent to the membership shortly. Watch your mail and reply quickly as the nomination deadline will be September 15th.

This award will recognize association members who have consistently worked to benefit CPGCSA and its members in the fashion of Dave Rafferty, a former president who passed away last year. The award will be presented at a special meeting that will be announced at a later date.

# Penn State Turfgrass Research Reports Available

The 2001 Research Report from Penn State's Center for Turfgrass Science is now available. The report includes results from experiments dealing with fungicide, herbicide, insecticide and turfgrass evaluations, as well as other turfgrass management related research. Research at Penn State's Center for Turfgrass Science is funded by the Pennsylvania Turfgrass Council and other turfgrass associations and companies. To obtain a free report, telephone 814-863-0129 or email hgw1@psu.edu.

For more information contact Heather Treaster, Golf Course Turfgrass Management Program, 456 Ag. Sciences and Industries Building, University Park, PA 16802; Phone (814) 863-0129 or FAX (814) 865-3006.

# **CPGCSA Annual Family Picnic**



Make your reservations now....don't miss the fun!

#### If You Live In PA.....

- 1. Your idea of a traffic jam is ten cars waiting to pass a tractor on the highway.
- "Vacation" means going to Hershey Park for the weekend.
- 3. You measure distance in hours.
- 4. You know several people who have hit deer more than once.
- 5. You often switch from "Heat" to "AC" in the same day.
- 6. You use a down comforter in the summer.
- 7. Your grandparents drive at 65 mph through 13 feet of snow during a raging blizzard, without flinching.
- 8. You see people wearing hunting clothes at social events.
- 9. You install security lights on your house and garage and then leave both unlocked.
- You think of the major food groups as deer meat, fish, and berries.
- 11. You carry jumper cables in your car and your girlfriend or wife knows how to use them.
- 12. There are 7 empty cars running in the parking lot at the Sheetz mini-mart at any given time.
- 13. Driving is better in the winter because the potholes are filled with snow.
- 14. You know all 4 seasons: almost winter, winter, still winter, and construction.
- 15. It takes you 3 hours to go to the store for one item, even when you're in a rush, because you have to stop and talk to everyone in town.
- 16. You can actually eat cold pizza (even for breakfast) and know others who do the same. Those from NY find this "barbaric".
- 17. You not only have heard of Birch Beer, but you know that it comes in several colors: Red, Blue, White, Brown, Gold.
- 18. At least 5 people your block have electric "candles" in most of their windows all year long.
- 19. You know several places that serve Scrapple, Summer Sausage (Lebanon Bologna), and Hot Bacon Dressing.

### **Newsletter Deadline**

If you have any information that you would like included in the September newsletter, please fax information to Wanda at (717) 279-0368 or e-mail to cpgcsa@nbn.net by September 20, 2002.

# Are You Misdiagnosing Bacterial Wilt on Poa annua Greens?

By Stanley J. Zontek, Director updated 8-7-02

Since our last Web site update, an interesting development has occurred. More Mid-Atlantic Region golf courses are being diagnosed with bacterial wilt on Poa annua greens, caused by the organism Xanthomonas campestris. Those of us with some years logged in the industry remember bacterial wilt as a problem on vegetatively propagated strains of C-15 Toronto creeping bentgrass.

What was once a rare occurrence is now becoming more common. In the past two weeks well over a dozen golf courses have been positively identified as having bacterial wilt. In almost every situation, the superintendents thought they were fighting anthracnose, another destructive disease of Poa annua greens. However, the fungicide control programs they were following were not working. The Poa annua continued to decline in spite of their best efforts. Close examination of the grass with a macroscope showed few if any anthracnose fruiting bodies, the bentgrass was doing fine and yet the Poa annua continued to decline.

At least initially, most of the superintendents we visited were at least relieved to know that it was not anthracnose! The following are a few clues to help in the field diagnosis of bacterial wilt.

The only grass affected is Poa annua. Decline occurs almost exclusively on greens. The symptoms are most common when the grass is under intense stress: environmental (heat and humidity) and mechanical (close mowing) stresses. The disease resembles mini dollar spot infection centers. The spots are never larger than a dime in size. Some are as small as your little fingernail. Close examination with a 25-40 power macroscope shows a bleached, wilting grass plant without the characteristic acervuli (the black spiny fruiting bodies) of anthracnose.

Basal rot anthracnose, which can be active at the same time, can start as bright yellow Poa annua stems and patches where the base of the stem is black. However, as the disease progresses, you almost always see some acervuli. If acervuli aren't present, the Poa annua is declining, the bentgrass is thriving and you see a pattern of small dime size or smaller white spots, you may have bacterial wilt.

Positive diagnosis is obviously important. Send a sample to a plant diagnostic laboratory and indicate you think it may be bacterial wilt. The laboratory personnel must screen for this disease in a different way. The infected leaf is dissected, and if at the proper stage, the bacteria literally ooze out. This disease is a vascular wilt and does not injury the grass like other fungal diseases. In the near future, the scientists at the University of Maryland, Dr. Peter Dernoeden and John E. Kaminski, will produce a fact sheet on bacterial wilt.

As always, if the agronomists of the Mid-Atlantic Region can be of assistance at all, you can contact Stan Zontek (szontek @usga. org) or Darin Bevard (dbevard @usga.org) at 610/696-4747 or Keith Happ (khapp @usga.org) at 412/341-5922.

# **GCSAA Drought Information Resources**

GCSAA Drought Information Packet -- GCSAA has created a comprehensive information packet full of drought-related articles from Golf Course Management magazine, the Green Section Record, university research and extension reports, and a variety of other sources. Call or e-mail the service center at (800) 472-7878, to obtain a free copy of the drought information packet.

Managing Local Issues -- Learn how to get started managing a local issue that has arisen in your community and threatens your golf course maintenance facility or the golf course management industry. Learn how to get organized and develop and implement an action plan to tackle the issue.

"Running dry" -- In this June 2002 GCM article, contributing editor Terry Ostmeyer talks to a number of troubled superintendents as they wrestle with diminishing water supplies and increasing regulations.

"Lessons Learned" -- Explore how some superintendents prepared their courses and their golfers for the drought's lingering effects in this November 1999 GCM article.

"Syringing: Does it really help?" -- Syringing and hand watering may become important factors during this drought season. This July 1996 GCM article compares the effects of syringing and hand watering on bentgrass greens and the role they actually play in alleviating stress.

"Communicating golf course conditioning during a drought" -- Learn how to communicate with the media, golfers and non-golfers about issues related to golf course water conservation and water use during a drought.

GCSAA Government Relations Department -- For help addressing drought or other government relations issues, contact government relations staff at (800) 472-7878.

#### **Golf Results**

The following are the results from the August meeting at Lehigh Country Club.

1st

Glen Thomas Steve Ehrhart 85
Dave Koch Bill Brooks

2nd Rich Sweeney Charlie Koennecker 89

Dave Harbaugh C. Boder

3rd Jim Carville Steve Friedell 89 Mike Orban George Skawski

Closest to Pin #3 Terry Laurent
Closest to Pin #13 Geoff Brunner

#### IT'S CHAMPIONSHIP TIME

It's that time of year to crown the 2002 champions. This year the CPGCSA championships will be held at the Butter Valley Golf Port. Bob Mogel is the overall defending champion.

As in the past, the field will be divided, based on handicaps, into four flights. So please include your current handicap on your entry form. Also, if you have a preferred partner, or group, please indicate that. We would prefer that your group be of similar playing ability. We will pair up the remaining players, within their respective flights, as fairly as possible. We do this for the good of the competition.

The format is total gross score for 18 holes. ALL putts should be holed and ALL strokes must be counted.

So try to get in some practice around all the rain and bring your A-game. Good luck to all competitors and most of all, have fun!

Faron Stoops, Golf Chairman

Turf Sales and Consultation



ANDRE & SON, INC.
TURF KING PRODUCTS &
CONTRACTED SERVICES

Rich Gdovin
Voice 888.887.3770, Extension 674
Fax 570.278.4541
Cellular 607.761.9465
Residence, Voice/Fax 570.825.9267

2 MILL STREET MONTROSE, PA 18801



Superior Products for the Turf and Horticultural Professional

237 East King St. • Malvern, PA 19355 800-262-2127 • FAX (610) 644-7791 www.fisherandson.com

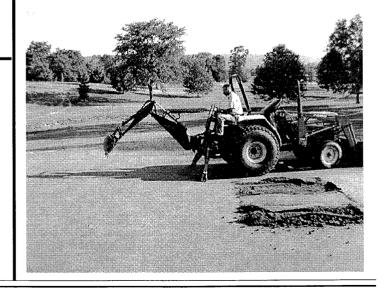
**ConSyst**° SysTec 1998°





Thom Mahute 717-892-1455

# Greg Borzok Cutting Cups at Colonial Country Club



# NEWS RELEASE COMMONWEALTH OF PENNSYLVANIA

HARRISBURG (Aug. 9) -- With groundwater and stream-flow levels reaching record lows in some areas, Gov. Mark Schweiker today extended the drought emergency for 14 counties across Southcentral and Southeast Pennsylvania, and added seven counties to drought-watch status.

Columbia, Huntingdon, Juniata, Montour, Northumberland, Snyder and Somerset counties have been added to drought-watch status. Those seven counties join Perry, Dauphin, Luzerne, Carbon, Monroe, Pike and Wayne counties as areas where residents should voluntarily conserve five percent of their daily water usage.

"I must stress that the drought is not over and that 14 counties remain in a drought emergency," Gov. Schweiker said. "I urge residents in the drought-emergency counties to continue conserving water whenever and wherever possible.

"Record and near-record low stream flows were recorded this week in four counties currently under the emergency declaration today. Low stream-flow levels are indicators of below-normal groundwater levels, which could lead to water-supply problems later this year."

The creeks at or near record low flows are Tulpehocken in Berks County; Brandywine in Chester County; Chester Creek in Delaware County; and the Conodoguinet in Cumberland County.

Fourteen counties -- Adams, Bedford, Berks, Chester, Cumberland, Delaware, Franklin, Fulton, Lancaster, Lebanon, Lehigh, Northampton, Schuylkill and York -- remain in drought-emergency status and should continue to follow mandatory water restrictions and reduce water use by 15 percent.

Additionally, three counties -- Bucks, Montgomery and Philadelphia -- remain in drought-warning status, meaning a 10 to 15 percent voluntary reduction in water usage is sought.

Gov. Schweiker first declared a drought emergency on Feb. 12 for 24 counties in response to dangerously low groundwater levels in Southcentral and Southeast Pennsylvania. On May 8, the number of drought emergency counties was down to 20. On June 14, the number of drought emergency counties was dropped to 14.

Neighboring states are also continuing or increasing water restrictions because of the drought. With mandatory water-use restrictions in place, the city of Baltimore has cut by two-thirds the pumping of water from the Susquehanna River because of low flow. The central part of Maryland remains under a drought emergency, as does all of New Jersey and part of Delaware.

In a drought emergency, mandatory water-use restrictions include strict limitations on the watering of lawns, athletic fields, golf courses and the washing of automobiles; not serving water in eating places unless requested by the customer; and closing down of indoor- and outdoor-ornamental fountains, waterfalls, and ornamental pools unless they are needed to sustain aquatic life.

Department of Environmental Protection (DEP) Secretary David E. Hess said the drought underscores the need for the state to address long-term water-resources issues.

"Currently, we don't have a full-time program to evaluate the status of Pennsylvania's water resources and promote the efficient use of water," Secretary Hess said. "We need to develop long-term water-use strategies as part of a comprehensive approach to better manage our precious water resources. That is the main reason for the Governor's initiative calling for water-resources legislation."

Secretary Hess said that drought-emergency conditions have occurred in parts of Pennsylvania in five of the past seven years. He also noted that the State Water Plan has not been updated in more than 25 years.

For more information, visit the PA PowerPort at www.state.pa.us, PA Keyword: "drought".

William Rahling, Bob Eichert Aer-Core, Inc.

47 Heron Hill Drive Downingtown, PA 19335 (610) 458-0890

Shaun Barry Aventis Environmental Science

1133 Rt. 27 Somerset, NJ 088873 (732) 846-8173

John Wiblishauser Baver

318 E. Glenside Avenue Glenside, PA 19038 (215) 887-8936

Steven Chirip Egypt Farms HCI Box 54B Swiftwater, PA 18370 (800) 899-7645

Bennett Wartman Farm & Golf Course Supply 7709-7725 Ridge Avenue Philadelphia, PA 19128 (215) 483-5000

Dave Feldman, Dale Andrew, Finch Turf Equipment 419 Industrial Drive North Wales, PA 19454 (800) 875-TURF

Thomas Mahute Fisher & Sons, Inc. 3009 Gloucester Street Lancaster, PA 17601 (717) 892-1455

# **CPGCSA Supporter List**

Paul Szymanski Golf Cars, Inc. 4180 Skyron Drive Buckingham, PA 18912 (215) 340-0880

Dave Nehila Growing Solutions, Inc. P. O. Box 596 White Marsh, MD 21162 (888) 684-8488

Leroy Hurst Hollingers Lawn & Garden 4126 Oregon Pike Ephrata, PA 17522 (800) 650-1398

Jim Byrne Helena Chemical 94 Tanglewood Drive Quarryville, PA 17566 (717) 786-0547

Greg Borzok, Ted Zabrenski Lawn & Golf Supply Company 647 Nutt Road, P. 0. Box 447 Phoenixville, PA 19460 (610) 933-5801

Scott Fischer, Matt Fellows Lesco 605 Latshmere Drive Harrisburg, PA 17109 (717) 558-9515

Thanks to our supporters!

Tom Drayer Philadelphia Turf Company 4049 Landisville Road Doylestown, PA 18901 (215) 345-7200

Don Hollinger, Dan Davis, Paul Wickey, Jim MacLaren Simplot Partners, Inc. 858 Mt. Joy Road Manheim, PA 17545 (717) 664-4204

Charlie McGill, Jeff Patterson Stull Equipment Co. 201 Windsor Road Pottstown, PA 19464 (610) 495-7441

John Fowler Syngenta 325 Mill Pond Lane Oxford, PA 19363 (610) 998-2896

Thed Fraleigh Turf Management Associates 901 Dawn Avenue Ephrata, PA 17522 (800) 840-1711

Tom Walsh York Distributors 5185 Raynor Avenue Linthicum Heights, MD 21090 (410) 636-2400

### September 2002 Meeting Information

anssi siyi apisui

Mark V. DelSantro, CGCS - Editor Wanda S. Fry - Executive Secretary P.O. Box 1420 Lebanon, PA 17042

The Green Sheet



Page 12

The Green Sheet

# **Mark Your Calendars!**

Central Penn GCSA
has scheduled the following
GCSAA Chapter-Hosted seminars for
2003.

January 23

Effective Uses of Soil Amendments in Golf Course Management

January 24

The Microbiology of Turfgrass Soils

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

# 2002 CPGCSA Meeting Dates

September 17

Butter Valley Golf Port

John Gehman

Golf Championship

October 8

Pine Meadows Golf Complex

Randy Super

Annual Meeting

\*\*Please note date change for Annual Meeting\*\*

# **CPGCSA Annual Family Picnic**

క్సం క్స్లాం క్సాం క్సాం

Saturday, October 5, 2002 12:00 Noon—5:00 PM