

New Date, New EXPO

By Tom Schwab, O.J. Noer Turfgrass Research and Education Facility, University of Wisconsin-Madison

The Wisconsin Turfgrass and Greenscape EXPO moved to a new location last year and this year it is moving to a new date. The only thing that won't be changing is the exceptional educational opportunity for learning new turf management techniques you can put into practice right away.

The new date is Tuesday, December 8th. The EXPO committee is hoping the weather in early December is not as severe as the former traditional date in January. The conference will revisit Boerner Botanical Gardens, in Hales Corners, because of the exceptional hospitality and facilities they provided for last year's show. You will be impressed!

Likewise you will be impressed by the great education EXPO provides. The UW-Madison's team of turf researchers will dominate the program in 09. They'll convey the results from several years of their hard work. Dr. Doug Soldat will talk about his new research that dispels conventional wisdom about best times to fertilize turf. Dr. Chris Williamson will talk about diagnosis and control of often overlooked turf area insect pests. Dr. Jim Kerns will talk about newly discovered dollar spot disease factors that influence turf health. Dr. John Stier will talk about the impact of the DNR's new invasive species rule (NR40) on all turf sites including landscapes, golf courses, schools, and sports fields.

Additionally there will be two top-rated business speakers joining us for this year's EXPO. Ms. Angie Chaplin from the UW-Milwaukee will talk about tips for motivating staff. Ms. Kathy Villars from



WTA Winter Turfgrass and Greenscape EXPO
Mark your Calendars for a Great Educational Day
Boerner Botanical Gardens, Hales Corners

Tuesday, December 8, 2009

608-845-6536

Northwestern Mutual will put on a workshop about winning the budget game. Two other workshops will also take place in the afternoon. Dr. Jim Kerns and Mr. Paul Koch are giving a hands-on workshop in diagnosing turf problems, and a turf industry round-table discussion will also occur.

The annual turf industry trade show will be a large part of EXPO as well. Come shop and learn about all the commercial offerings the industry will bring you for 2010. And don't forget about the great

lunch, post conference social hour, and raffle drawings that are provided by the exhibitors and included with your registration.

The EXPO brochure was mailed in mid October and is included here. You may contact Audra Anderson if you didn't receive your registration form at 608-845-6536 or ajander2@wisc.edu. This year's EXPO has a great educational program and trade show that you won't want to miss. ■

PRESIDENT'S MESSAGE

Memories of Holidays Past

By Dan Biddick, WTA President



I remember when I was a kid going to my Grandpa Bradley's home for Christmas. He was a tall man with huge hands. I was scared of him. He had hairs growing out of his ears and nose. Freaked me out.

I remember going to my cousins for Thanksgiving. After dinner we would go out in the yard and play football. I was small and skinny. I would get so beat up it wasn't funny. Anyway to me. I would be so sore

the next day I couldn't even eat a turkey sandwich.

One Christmas I was playing my Grandpa Biddick a game of checkers. He was beating me bad, jumping my checkers with every move. He would just lean back in his chair and smile. I was getting a little ticked. After a move, I "accidentally" hit the edge of the board and flipped it over onto the floor.

One of my favorite times was the candle lighting service at church on Christmas Eve. They would turn all the lights off. I remember how dark it was. Then from the back of the church the pastor would be carrying a lighted candle up the center aisle. I remember thinking how that one candle broke the darkness.

There was a movie we would always watch at Christmas. It was about a young boy with real thick glasses. He wanted a BB gun so bad. I remember the line, "Don't shoot your eye out."

I'm not much for decorations. I don't know why the Christmas tree lights were always such an issue.

One year I was a shepherd. I put the robes on and then there was a head piece. An elderly lady was helping everyone get ready. She gave me the elastic cut out of some panty hose to hold the head piece in place..... I thought shepherds and panty hose?

Sometimes my wife says, "Oh, Dan, you are just such an old scrooge." I believe this has something to do with Christmas as well.

Most of all I remember the holidays as happy times with family and friends.

So what do all these memories have to do with turfgrass?... Not one darn thing. Most of us could use a couple days that have absolutely nothing to do with turfgrass.

See you on December 8th at the Wisconsin Turfgrass and Greenscape EXPO. It will be a good day. Enjoy the holidays. ■

Want to Stay in the **Green Industry**
But Need a **Change?!**

Call Terry Kurth about a Weed Man lawn care franchise Today! 608-798-1490
or email: takurth@gmail.com

Weed Man

weedmanusa.com



ARTHUR CLESEN INC.

"Our Reputation is Spreading"



Quality Products:

Fertilizer...Chemical...Seed

Dennis Hamilton (608) 295-2494
d.hamilton@arthurclesen.com

www.arthurclesen.com

Wisconsin Turfgrass Association 2009 Officers and Directors

President

Dan Biddick '10

Deer Creek Seed
PO Box 374
Cambridge WI 53523
208-890-4453

Secretary

Dan Barrett '11

The Legend at Bergamont
2960 Triverton Pike
Madison WI 53711
608-209-2947

Vice-President

Dean Musbach '12

Reinders
7428 Trailwood Dr
Minocqua WI 54548
715-892-1050

Treasurer

Mark Kienert '10

Bulls Eye Country Club
2800 Ridgewood Trl
Wisconsin Rapids WI 54494
715-423-2204

Directors

Raechal Volkening '12

Volkening Consulting
7429 Elberton Ave
Greendale WI 53129
414-426-9600

Wayne Horman '12

Scotts Company
7202 Timberwood Dr.
Madison WI 53719
608-274-7953

Dena DiVincenzo '11

Waupaca Sand & Solutions
13A Kingery Quarter #204
Willowbrook IL 60527
630-789-2263

Dustin Riley '10

Oconomowoc Golf Club
5261 Brown St
Oconomowoc WI 53066
262-567-6212

Aron Hogden '11

University Ridge GC
9002 County Road PD
Verona WI 53593
608-845-8704

Honorary Members

Terry Kurth

Midwest Lawn Care
2211 Eagle Dr
Middleton WI 53562
608-798-1490

Monroe Miller

Blackhawk Country Club
PO Box 5129
Madison WI 53705
608-238-3023

Tom Harrison

Maple Bluff Country Club
500 Kensington Dr
Madison WI 53704
608-249-3468

Year behind board member name, is the expiration of their current term.

Buffer Strips on Golf Courses May Not Be Necessary

By Dr. John Stier, Department of Horticulture, University of Wisconsin-Madison

A new study published by Stier and Kussow in the 2009 International Turfgrass Research Society Journal indicates unmowed buffer strips may not be necessary to control nutrient runoff from golf courses. The study, conducted over a two-year period at the Wisconsin River Golf Course in Stevens Point, WI, assessed the ability of buffer strips planted with either fine fescue or prairie seed to reduce runoff, sediment, and phosphorus, along with reducing nitrate leaching into groundwater as surface water drained from fairways. The study was undertaken in part because preliminary drafts of the Wisconsin DNR's nonpoint source pollution rule, NR151, would have required golf courses and other areas to install buffer strips of native plantings (e.g., prairie).

Buffer strips were dormant-seeded in fall 2003 at ratios of either one-half, one-quarter, or one-eighth the size of the fairways draining into the buffer strips. Runoff water was collected after each significant rainfall. Leachate water was collected once each month. Samples were also collected from the edge of the maintained turf not containing a buffer strip. In neither of the two years was there any difference observed in runoff volume or phosphorus among the treatments. The treatments also failed to produce any difference in leachate. Only five to ten percent of the annual rainfall was collected as runoff, the rest of the



Graduate student Jake Schneider measures a water sample collected at the Wisconsin River Golf Course, May 2005.

water being absorbed into the ground or returned to the atmosphere through evapotranspiration. Phosphorus amounts in runoff were very low, particularly after vegetation was fully established. Phosphorus concentrations in runoff were similar to the concentrations measured in unfertilized grasslands, however, they often exceeded the EPA limits for waters entering rivers and lakes as concentration tends to be high when runoff volumes are low. Sediment was a primary source of phosphorus especially before vegetation was fully established.

Once vegetation was established, soluble phosphorus increased, presumably as it leached from vegetation as little to no phosphorus fertilizer was applied to the fairways. Prairie plantings failed to establish very well, particularly in sites partially shaded by trees. Instead, annual weeds became the dominant groundcover in the prairie buffer strips while the fine fescue established quickly in the spring following planting.

About half to two-thirds of rainfall was collected in leachate. Nitrate concentrations exceeded EPA drinking water limits from the buffer strip treatments in spring 2004 due to lack of vegetation and soil disturbance caused by the planting process the previous autumn. The study showed that prairie buffer strips are not necessarily suited to all sites. It also verified data from previous studies conducted under more controlled conditions that golf course turf is not necessarily emitting any more nutrients into the ecosystem than unfertilized vegetation, and that the very act of installing buffer strips can temporarily cause excessive nutrient loss from existing soil and vegetation. The full paper is available through the Turfgrass Information File at <http://turfweb.lib.msu.edu>. Members of the GCSAA or STMA should have free access to the document; if not, contact John Stier for a copy. ■

Jim Beard Delivers Martin and Ruth Massengale Lectureship on Evolution of Sod Production

By Dr. Doug Soldat, Department of Soil Science, University of Wisconsin-Madison

In early November, I had the privilege to attend the Annual Meeting of the Crop Science Society of America. Each year, this meeting draws thousands of researchers from all over the country to discuss their most recent and interesting research results; this year it was held in Pittsburgh, Pennsylvania. At the meetings, there were roughly 200 presentations from turfgrass researchers

alone. It was at once stimulating and overwhelming. One of the high points this year for me was the opportunity to hear Dr. Jim Beard give his perspective on the evolution of the sod industry. Dr. Beard is the father of modern turfgrass science and it is difficult to imagine what the turfgrass industry would look like today without him. He is regarded for his historical knowledge about all things

involving turfgrass almost as much as he is regarded for his scientific contributions to the field. So it was quite a treat to listen to him combine the history and evolution of sod production while highlighting the advances made by him and others at Michigan State University over the last several decades. As a relative newcomer to turfgrass research, and sod research in particular, it was

Continued on page 4

fascinating to hear this account from someone who witnessed and participated in a technological revolution.

According to Dr. Beard, the first mention of sod was in 1159 in Japan (probably *Zoyzia*). Sod remained the most desirable form of turfgrass propagation from the 12th to 19th centuries mainly because of the absence of uncontaminated seed. He highlighted the evolution of the sod cutting equipment used in the early years; most of the implements were powered by man and looked not unlike devices intended for cruel and unusual punishment. Sod remained a relatively minor industry until the 1960s. At this point the industry boomed, and Dr. Beard attributed the boom to four factors: 1) a rapid expansion of housing, 2) the discovery of 'Merion' Kentucky bluegrass, 3) increased sod production times, and 4) mechanization of harvesting. Dr. Beard strongly emphasized the role of Merion in the sod production boom. Prior to Merion, bluegrass was brown for most of the summer because of *Helminthosporium*; with the discovery and production of the *Helminthosporium*-resistant Merion, people could have an attractive lawn all summer long.

Increased production times were largely achieved through research done at Michigan State. A typical crop in the 1960s took about 3 years. After a few years of research, the production time was cut in half. At the time, most growers were seeding and fertilizing to achieve maximum density in cover in the minimum amount of time. Dr. Beard showed a few pictures of plots seeded at lower rates and low fertility next to plots with high seeding rates and high fertility. With no prior knowledge, every person in the

room would think that high seeding and high fertility would be the best strategy - it simply looked better. However, science aims to take intuition out of play. The MSU researchers built the first sod stretcher and turf rooting frame to examine sod and rooting strength objectively. They studied various seeding rates and various nitrogen fertility rates on sod strength and rooting strength. What they found was astonishing — low seeding rates and low nitrogen fertility resulted in the strongest roots and rhizomes which led to much faster production times. They also busted the myth that mineral sod was better than muck-grown sod. Both soil types were equal, and the biggest factor in sod strength was found to be the level of nitrogen fertility and the soil conditions of the site where the sod was transplanted. Transplanting on to a moist soil was deemed crucial for good rooting.

Dr. Beard did not take all the credit for the sod revolution in the 1960s. He rightly attributed some of the greatest advances in sod production to the innovative nature of the growers. This portion of his talk was a stream of pictures of innovative harvesters, sod washing machines, and other pieces of equipment (some successful, others never caught on) each worth a thousand words.

In conclusion, this lectureship was a story that exemplified the possibilities when the perfect storm of opportunity (housing boom), science (production time, grass breeding), and innovation (growers' inventions) meet. The advances in sod production would have not occurred had one of those components failed. I relished my unique opportunity to learn from this historical perspective and I'm excited to continue working with turf producers and managers to help take the industry to the next level when the next opportunity (or challenge) should arise. ■

Spend Money to Save Money in 2010

By Paul Koch, Turfgrass Diagnostic Lab, University of Wisconsin-Madison

Spend money to save money? That seems incorrect on several levels, especially when written by a guy with 6 credits of business schooling to his name. But when spending a small amount of money now can lead to big savings down the road, it makes more sense. As I have documented in my March/April 2009 Grass Roots article titled "Saving money with the TDL," there aren't many more effective methods to save large swaths of your budget than by using the services of the Turfgrass Diagnostic Lab. And there is no better service provided by the TDL than those to its contract members.

Contract memberships are valuable to turfgrass facilities for a number of reasons. First and foremost are the prepaid sample submissions, which guarantee a fast and accurate result when a problem arises during the year without the hassle of paying for it during the summer. Second are the complimentary sample reports provided with each sample, no questions asked. These reports contain detailed descriptions of the diagnostic process, the problems affecting the turf, recommendations for improving the turf, as well as high quality microscopic pictures that can help turfgrass managers and others at the facility understand the problem. These reports are normally an additional \$50 for non-contract members. Third are the biweekly email updates provided throughout the growing season. These updates are exclusively for contract members, and provide an update as to

what is being seen in the lab, what is being reported from around the state, and what to watch out for in the upcoming two weeks. As one prominent Wisconsin superintendent remarked, "I would be a contract member for the email updates alone." In addition to the biweekly email updates there are also "Disease Alert" emails sent out when conditions are optimum for a particular disease. These are usually sent out 3-4 times per year, warning of diseases from leaf spot to pink snow mold to *Pythium* blight.

Contract memberships are set up to allow each facility the flexibility to contribute as much as they want to obtain the services they desire. For every \$100 you contribute to the TDL as a contract member you receive 1 sample diagnosis plus complimentary report (a \$150 value). For example, if you contribute \$500 to the TDL as a contract member for 2010, you are **entitled** to five sample submissions plus five written reports with recommendations and pictures throughout the growing season. Those contract members who contribute \$1000 or more to the TDL are entitled to unlimited sample submissions, which are ideal for municipalities, corporations, or distributorships with multiple courses or clients. In addition to unlimited sample submissions, \$1000 contract members also receive one complimentary site visit per year (a \$250 value) where inspection of potential turf problems are performed and recommendations for improving the health of the turfgrass can

Continued on page 5

be discussed with all interested parties (e.g. golfers, board members, owners). But even if you only contribute \$100, you are still entitled to the biweekly updates and disease alert emails. In an era of tightening budgets at many turf facilities, this fee system allows for you to contribute as much as you are able and still get a maximum amount of benefits.

Signing up for a contract membership is also now easier than ever, with three convenient methods. The most convenient is to sign up online with a credit card at our website (www.plantpath.wisc.edu/tld) and click on "Pay Online". New members should type 'new member' into the 'Invoice' box and the amount of their desired membership into the 'Amount' box. Please be sure to fill out all the contact information on the top of the page, and I will confirm your contract membership within 48

hours. If paying by credit card is not an option then you can still visit our website, click on the "Contract Membership" tab and download a contract form. You can then email the completed form to plkoch@wisc.edu or fax it to 608-845-8162. An invoice for the contract membership will then be faxed, emailed, or mailed back to your facility. A third method would be to complete the inserted contract form, and an invoice will then be sent to your facility.

It may be counterintuitive to think about spending money on a TDL contract membership in 2010. But a membership is a small investment compared to spending thousands of dollars in misapplied fungicide applications and being disconnected from the turfgrass problems the state and region are facing. If you have any further questions please don't hesitate to call me at 608-845-2535, email me at plkoch@wisc.edu, or visit the TDL website at www.plantpath.wisc.edu/tld. ■

MEET THE UW-MADISON TURF PROGRAM GRADUATE STUDENT Many Years of Turfgrass Research

By Bill Kreuser, Department of Soil Science, University of Wisconsin-Madison

It's difficult to say when I began turfgrass research. You might say it was when I was 15 and tried many times to install a golf putting green in my parent's backyard. I need to stress tried many times. I conducted many informal trials to finally succeed in putting green creation; learning much along the way. First, I learned that it wasn't a very good idea to use gravelly torpedo sand hand-mixed with peat as a root zone; especially when topped with peat based Penncross sod. Not surprisingly the sod didn't root into the concrete-like root zone and quickly failed in a quite embarrassing display for my friends to see.

Luckily for me I had access to a very good "extension agent," my boss at the time, Jerry Kershasky. There were many afternoons I would return to Westmoor CC to pick Jerry's brain about my continued failures. He probably dreaded it when my black car would pull up to the shop at 4 pm. However, he was always helpful at getting my putting green and my career on track. He suggested installation of a properly tested USGA root zone, use of Penn A4 seed, and that I get a degree from the University of Wisconsin-Madison. To this day I haven't regretted any of those decisions for a minute.

I was fortunate for the admittance to UW-Madison and started my undergraduate degree in the fall of 2005. Once at the UW, I began to conduct formal research under the direction and guidance of Dr. Kussow and Dr. Soldat. I can still remember watching Dr. Kussow titrate samples during my freshman year and thought how cool it was to see an actual scientist at work. I started my first project that year with Dr. Kussow, looking at sources of lawn soil P. This study eventually led to my first article in the "Grassroots". From that point forward I was hooked on research. Sure there are moments of boring repetition, but those are quickly overshadowed by the thrill of discovery, presentation, and publication. At the end of my freshman year I asked Dr. Kussow if he had a little extra of the plant growth regulator Primo Maxx to help rectify a bad shade problem on my



parent's putting green in Milwaukee. Naturally he gave me a bottle with enough Primo to treat the entire neighborhood several times over. I remember the first person I went to regarding the proper use of Primo, who was of course Jerry Kershasky. He provided me with much information, I still have all the notes I took, but I still had questions about how long the product was effective. Beginning sophomore year I convinced Dr. Kussow to let me investigate Primo in more detail and I have been doing so ever since.

Now in the first year of my Masters degree, I still continue to do PGR research at the O.J. Noer Facility.

It's funny; I've had my nose around that facility for so many years now that Tom Schwab didn't realize I only officially began my M.S. last May. It is quite an honor to be the recipient of the Wayne R. Kussow Wisconsin Distinguished Graduate Fellowship (funded by the WTA) especially due to the direction Dr. Kussow has provided. I'm also extremely fortunate to have Dr. Soldat as a major advisor. He has provided me the freedom and support to continue pursuit of research topics of my interest. My current research initiatives include: (1) Development of a growing degree day model for re-application of Primo Maxx to putting greens, (2) The influence of Primo Maxx application rate and mowing height on level of growth suppression, (3) The influence of Primo Maxx on putting green nitrogen and phosphorus fertility requirements, and (4) The development of a model to predict putting green growth rate based on weather conditions.

I should have my hands full for the next year, but I'm excited to conduct this research and hope turfgrass managers find it useful. If you would like to find out more about my projects please don't hesitate to contact me at: wkreuser@wisc.edu. I greatly enjoy speaking about the results we're seeing at the Noer Facility. Additionally I'd also like to thank everyone who has supported me and has supported the Wayne R. Kussow Distinguished Graduate Fellowship in the past and the future. ■

North Shore Country Club Makes for a Fabulous WTA Golf Fundraiser

By Tom Schwab, O.J. Noer Turfgrass Research and Education Facility, University of Wisconsin-Madison

North Shore Country Club hosted the perfect WTA golf fundraiser on October 5th, 2009. The golf course, great weather, and hospitality came together to make the day fabulous. We really dodged the bullet on the weather as the week preceding was so cold and rainy, the day after and remainder of October produced nothing but more cold and rain, while the day of the event was perfect with 60 degree temps, partly sunny, and no wind to speak of. Attendees were able to experience all the new renovations implemented to this gem of a golf course.

Special thanks go to our hosts Bob Erdahl, Director of Grounds and Facilities and Garrett Luck, Golf Course Superintendent, for all their hard work in bringing us the event. The golf course was in impeccable condition, especially considering the large amount rain that occurred prior to our arrival. The staff put in long hours all weekend to make sure the course was ready for us on Monday.

And ready it was! The course that we had the privilege to play, has hosted the Greater Milwaukee Open, the Wisconsin State Open, and the State Amateur Championship. They recently undertook an ambitious plan to rebuild all 27 holes based upon the Master Plan of nationally recognized Golf Course Architect, Ron Forse. Renovation of the first nine holes began in the fall of 2008 and it reopened in spring 2009 to rave reviews. The rebuilt course featured a unique bunker style, multiple tees and strategically placed water hazards that challenged and rewarded all of us.

There was one group that the course didn't challenge very much. The winning group carded a 65 in the 4 person best ball event. Congratulations go to the foursome of Rob Muranyi, Peter Meyer, Jim O'Toole, and Dan Webbels for such outstanding golf.

The other winner for the day was the WTA that raised \$6,300 for turfgrass research from the event. These proceeds will be used by UW-Madison turfgrass scientists to develop best management techniques for turf through the WTA Distinguished Graduate Fellowship Program.

There were 82 golfers that participated this year and they not only helped support a worthy cause and enjoyed a fine round of golf, but they also went

home with some spectacular door prizes. Many prizes were worth more than the \$125 registration fee. A special thanks goes to everyone who contributed door prizes which capped off this spectacular day. The list of donors is mentioned on page 7, but unfortunately omits several people who gave before I could note who they were. We thank you too.

Other contributors to the success of the day are these individuals and companies that sponsored one of the holes. They are also listed here and greatly appreciated. So thank you everyone for joining the WTA for golf in October 2009 and I hope you can all come together for another successful golf fundraiser in 2010. ■



The Agrotain sponsored hole was one of the newly renovated nine holes at North Shore.



David Legg should be smiling, after winning the \$1,000 door prize of Laser Link SmartSticks.



The dramatic bunkering style of the new nine was awe inspiring.

Continued on page 7

Door Prize donors for WTA Golf Fundraiser 2009

Alan Nees/ AgrotainDozen golf balls and an umbrella
 AnonymousLadies Rescue Club, dozen golf balls
 Beth Whitehouse/ DowGolf shirt, 4 work knives
 Bill Rogers.....Foursome of Golf Evergreen Country Club
 Bob LohmannCoat, cooler, hats, golf shirts
 Bruce SchweigerBicycle
 Bruce Worzella/ West Bend CC Logo shirt
 BurrisJackets
 Carol Schweiger SAS Management, LLCTaylor Made 22 degree Rescue Club
 Chad Grimm/ Blackhawk CC.....4 bottles of wine, sweatshirt, golf shirt, 2 hats
 Chuck Schwab2 Foursomes of Golf Stoughton CC, putter, jacket
 Club Managers Association of WI2 weekender backpacks
 Cubby ObrienGift certificates to Home Depot
 Dale MorrisonFoursome of Golf Trappers Turn
 Dan Biddick25# Bag of Seed
 Dennis Hamilton/ Arthur ClesenSweat shirt, golf shirt
 Doug Krause (Caddy Shack, Milton)Taylor Made 60 degree wedge
 Drew Putzer.....Foursome of golf Monroe Country Club
 Ed Witkowski/ Pendelton TurfGift certificates and other prizes
 Eric Counselman.....Somery CC Windbreaker
 Gary Huenerburg/ BurrisFoursome of Golf Decatur Lakes
 Gary Vandenberg/ BrewersCollector Brewers infield bases
 Jaime Staufenbeil/ Milorganite2 golf shirts and 2 golf hats
 Jeff Rottier & Lance MartingFoursome of Golf Janesville Country Club
 Jerry Kershasky.....2 six packs of Octoberfest Beer and other prizes
 Joe Schneider (Riverside GC, Janesville)Mizuno 10.5 degree Driver
 John Turner and Mike Kelly/ Bayer.....Golf Shirt
 Josh Harrington/ Floratine Central Turf Products Putter, \$40 gift card, space heater
 Larry LennertApplebees gift certificate
 Laser Link Golf18 Laser Link SmartSticks & QuickShot rangefinder
 Lyle Christopherson/ WI TurfGolf shirt
 Mark Grundman/ Jacklin Seed2 logo vests, golf shirts, and hats
 Mark Young (Krueger Municipal GC)Men's Golf Shirt
 Matt Kregel/ Strawberry CreekFoursome of Golf the Club at Strawberry Creek
 Mike BerwickFoursome of Golf Lawsonia
 Mike Werth2 12 packs of beer and gift certificates
 Monroe MillerGolf Book of Ireland and Scotland
 Neil RadatzTwosome of Golf Hawks Landing Golf Club
 Olds Seed.....Golf bag towels for all entrees
 Phil Spitz/ Syngenta.....2 \$50 Gander Mountain gift certificates
 Randy Lusher/ BASF2 Golf shirts
 ReindersBrewers 6 Pack of Tickets/ Metavante Club/ Parking
 Rob Vega, Dave Braasch (Glen Erin GC)4 dozen Taylor Made Golf Balls
 Steve Sanbourne/ Syngenta2 University Ridge Windshirts
 Tom FunneFoursome of golf Springbrook GC WI Dells, Jacket
 Tom Schwab2 Fishing poles
 Tom Wentz/LebanonSweatshirt, sweater, hats
 Waupaca Sand and SolutionsDVD Player
 Wee One OutingLots of Beer and other refreshments



Team Blackhawk struggled throughout the day but still came away smiling.



Our host, Garrett Luck



Brian Hettiger from the UW Foundation delivers a big swing.

WTA Golf Fundraiser Tee Sign Sponsors

AAT - Shawn Hilliard
 Agrotain International
 BASF
 Burris Equipment
 DHD Turf and Tree Products
 Dow AgroSciences
 Floratine Central Turf
 Maple Bluff CC
 National Golf Graphics LLC
 Pendelton Turf Supply
 Professor Bob Newman
 Randy Witt, CGCS, Hong Kong Golf Club
 SAS Management LLC
 Scotts Company
 Sue Kershasky
 Syngenta

Randy H. Lusher

Sr. Sales Specialist II
 BASF Turf & Ornamental

5430 Washington Street
 Downers Grove, IL 60515
 Telephone (630) 810-1832
 Voice Mail (800) 843-1611 Box # 6649
 Cell (630) 235-0104
 Fax (630) 810-9579
 E-Mail: randy.lusher@basf.com

BASF
 The Chemical Company

**RIESTERER
 &
 SCHNELL INC**
 "Coming Through For You"

Steve Heling
 Golf & Turf Division

JOHN DEERE GOLF & TURF
ONE SOURCE

1775 American Dr. • Neenah, WI 54956
 Bus: 920/751-8787 • Toll Free: 866/RS4-TURF (866/774-8873)
 Fax: 920/751-9040 • Mobile: 920/373-0072
 sheling@rands.com • www.rands.com

CALENDAR OF EVENTS

Dec 1	NGLGCSA Annual Business Meeting	Iron Mountain MI
Dec 8	WTA Turfgrass & Greenscape EXPO	Boerner Botanical Gardens, Hales Corners
Jan 6-8	Minnesota Green EXPO	Minneapolis, MN
Jan 12-16	STMA Annual Conference and Exhibition	Lake Buena Vista, FL
Jan 20-22	Mid Am Horticulture Trade Show	McCormick Place West, Chicago
Feb 1-5	TPI Midwinter Conference	Kailua-Kona, Hawaii
Feb 8-12	Golf Industry Show	San Diego, CA
Feb 10	WGCSA / Milorganite Hospitality Room at GIS	San Diego, CA
Feb 17-21	PLANET Executive Forum	Las Vegas, NV
Feb 18	Pesticide Applicator Training, Turf and Landscape	Waukesha
Feb 24	Wisconsin Nursery Association Winter Workshop	Country Springs Hotel, Waukesha
Feb 26- Mar 2	Canadian Turfgrass Conference and Show	Toronto, Ontario, Canada
Mar 1	WGCSA Spring Business Meeting	Fond du Lac
Mar 2,3	NGLGCSA Spring Turf Symposium	Wausau
Mar 8-12	School of Turfgrass Management	Minneapolis
Mar 9	Pesticide Applicator Training, Turf and Landscape	Eau Claire
Mar 10	Pesticide Applicator Training, Turf and Landscape	Green Bay
Mar 15-19	School of Turfgrass Management	Chicago
Mar 23	Pesticide Applicator Training, Turf and Landscape	Arlington
Mar 30	Pesticide Applicator Training, Turf and Landscape	Waukesha
April 6	Pesticide Applicator Training, Turf and Landscape	Waukesha
Apr 19	WGCSA Monthly Meeting	Abbey Springs GC, Fontana
May 10	WGCSA Monthly Meeting	Wild Rock GC, Wisconsin Dells
June 9	WGCSA Super/ Pro	Morningstar GC, Waukesha
July 12	WGCSA Monthly Meeting	Watertown CC, Watertown
July 26-30	TPI Summer Convention and Field Days	New York, NY
July 27	WTA Summer Field Day	O.J. Noer Facility, Verona
Aug 9	WGCSA Monthly Meeting	Oneida G & CC, Green Bay
Sept 20	Wee One Foundation Golf Fundraiser	Pine Hills CC, Sheboygan
Oct 8,9	WGCSA Couples Outing	Saddle Ridge, Portage
Nov 16-17	Wisconsin Golf Turf Symposium	American Club, Kohler (Tentative)

WTA Members — If you have an important date you'd like to share with other members, call 608-845-6895, fax 608-845-8162, or email tgschwab@wisc.edu to include it in the next calendar.

Contact Telephone Numbers

Canadian	Canadian International Turfgrass Conference and Show	888-682-7770
GIS	Golf Industry Show	800-472-7878
Mid-Am	Mid-Am Horticulture Trade Show	www.midam.org
Minnesota	Minneapolis Green Expo	888-886-6652
NGLGCSA	Northern Great Lakes Golf Course Superintendents Assoc.	630-639-9395 or www.nglturf.org
PAT	Pesticide Applicator Training Turf and Landscape	608-262-7588
PLANET	Professional Landcare Network Executive Forum	www.landcarenetwork.org
School	School of Turfgrass Management	608-263-3631
STMA	Sports Turf Managers Association Conference	800-323-3875
Symposium	Wisconsin Golf Turf Symposium	800-287-9645
TPI	Turf Producers International	800-405-8873
Wee One	Wee One Foundation Golf Outing	630-457-7276
WGCSA	Wisconsin Golf Course Superintendents Association	920-643-4888
WGIF	Wisconsin Green Industry Federation Annual Convention	414-529-4705
WNA	Wisconsin Nursery Association Winter Workshop	414-529-4705
WSTMA	Wisconsin Sports Turf Manager Association	608-845-6895
WTA	Wisconsin Turfgrass Association	608-845-6536