

ON COURSE

THE MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS

June 2010

Elgin Country Club

Phil Zeinert, CGCS

Midwest Association of Golf Course Superintendents
11855 Archer Ave.
Lemont, IL 60439

ADDRESS SERVICE REQUESTED

PRSR STD
US POSTAGE
PAID
FOX VALLEY, IL
PERMIT NO 313

INSIDE

Behind the \$cenes
at our Meetings

Knowing the Genetics
of Your Bentgrass

Meat and Potatoe Stew
at Bob O'Link

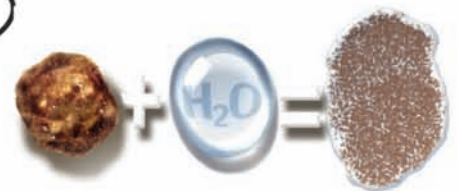
DUOCIDE™

INSECT CONTROL



DuoCide™ is a multi-mode insect control that targets surface-feeding and sub-surface feeding insects including:

- GRUBS
 - ANTS
 - FLEAS
 - CUTWORMS
 - TICKS
 - MOLE CRICKETS
- AND MORE!**



DuoCide™ G with DG Pro® dispersing granule carrier.
2.3% carbaryl + 0.058% bifenthrin. SGN 150
Restricted Use Pesticide

It is a preventative and curative treatment on dispersible DG Pro® carrier that is easy to spread, has low visibility and provides reliable performance. A 40 lb. bag covers 10,000 sq. feet.

DUOCIDE™



Andersons
GOLF PRODUCTS.

www.reinders.com

Reinders

Solutions & Supplies for the Green Industry

SOFT GOODS SALES

Bruce Schweiger (608) 206-3500

Dave Holler (630) 244-6477 • Bruce Woehrle (847) 456-1275

COMMERCIAL EQUIPMENT SALES

Whitey Anderson (630) 251-4832 • Steve Stewart (630) 284-8496

Joe Effen (630) 284-8492 • Tim Snell (708) 284-8497

IRRIGATION SALES AND SERVICE

Darrick Robbins (630) 217-1922 • Phil Zastrow (414) 313-5247

3816 Carnation St., Franklin Park, IL (888) 838-5778

2010 Board of Directors

PRESIDENT

Scott Witte, CGCS, Cantigny G.C.

VICE PRESIDENT

Dan Sterr, Stonebridge C.C.

SECRETARY / TREASURER

Bob Kohlstedt, Fox Bend G.C.

EXECUTIVE DIRECTOR

Luke Cella

BOARD

Dan Charlton, Evanston G.C.

Dave Groelle, CGCS, Royal Melbourne C.C.

James Keith, CGCS, St. Charles C.C.

Michael Mumper, Arrowhead Golf Course

Michael Siefken, Sportsman's C.C.

Mark Thibault, Links at Carillon

PRESIDENT EMERITUS

Tony Kalina, Prairie Landing G.C.

COMMERCIAL REPRESENTATIVE

Nick Baker, Chicagoland Turf

CLASS 'C' REPRESENTATIVE

Josh Therrein, St. Charles C.C.

TURFGRASS ADVISOR

Dr. Derek Settle

EDITORIAL CHAIRMAN

Robert Kohlstedt

ASSOCIATE EDITORS

John Gurke, CGCS

Chuck Anfield, CGCS

GRAPHIC ARTIST

Mark Karczewski

This publication is not copyrighted. We would like to share our articles with any who would like to use them, but please give the author and *On Course* credit.

Table Of Contents

www.magcs.org

JUNE 2010 Volume 64 No. 2



Don't pass go, don't collect your \$200 when you visit jail at Elgin Country Club, site of the Midwest's June meeting.

FRONT COVER

The 14th, five par, at Elgin Country Club is characteristic of the rest of the golf course. Trees line each side of the undulating fairway and the green slope takes plenty of thought on the approach and putt(s).

Photo credit: Luke Cella

DIRECTOR'S COLUMN

3 Midwest Monthly Meetings Behind the Scenes

Bob Kohlstedt

FEATURES

5 Know the Genetics of Your Next Bentgrass Variety

Keith Rincker

9 Meat and Potatoes Stew at the Links

Rick Bowden

12 Phil Zeinert, CGCS -N- Elgin Country Club

Steven Biehl

DEPARTMENTS

15 Midwest Breezes

Charles Anfield

18 the Bull Sheet

John Gurke

27 Education Recap

Charles Anfield



The Midwest Association of Golf Course Superintendents (MAGCS), founded December 24, 1926, is a professional organization whose goals include preservation and dissemination of scientific and practical knowledge pertaining to golf turf maintenance. We endeavor to increase efficiency and economic performance while improving and enhancing the individual and collective prestige of the members.

The MAGCS member is also an environmental steward. We strive to uphold and enhance our surroundings by promoting flora and fauna in every facet in a manner that is beneficial to the general public now and in the future.

All editorial and advertisement inquiries should be directed to Luke Cella, Publisher, *On Course*. 11855 Archer Avenue, Lemont, IL, 60439. (630) 243-7900 or visit www.magcs.org for rates and requirements. Statements of fact and opinion are the responsibility of the authors alone and do not imply an opinion on the part of the officers or members.

syngenta

Products worth talking about.



The word is out. The Syngenta portfolio of products has become one of the most comprehensive in the industry. We're committed to knowing more about the crops, the diseases, and the everyday needs of you, our customer.

For more information on these products, please contact Brian Winkel at (630) 391-2170.



www.syngentaprofessionalproducts.com

©2008 Syngenta. Syngenta Professional Products, Greensboro, NC 27419. **Important: Always read and follow label instructions before buying or using these products. Scimitar GC is a Restricted Use Pesticide. Tenacity™ is not currently registered for use in all states. Please check with your state or local extension service prior to buying or using this product.** Award®, Banner MAXX®, Barricade®, Concert®, Daconil®, Fusilade®, Headway™, Heritage®, Instrata®, Medallion®, Meridian®, Monument®, Pennant MAGNUM®, Primo MAXX®, Princep® Liquid, Reward®, Scimitar®, Subdue MAXX®, SuperWeatherStik®, Tenacity®, Touchdown PRO®, Trimit®, ULTREX®, Weather Stik®, and the Syngenta logo are trademarks of a Syngenta Group Company.

Nels J. Johnson Tree Experts, Inc.

Since 1930

A Tradition of Excellence.

More than 75 years of complete, dependable and economical tree service for residential homes, municipalities, schools, industrial areas, parks and over 125 golf courses.

847-475-1877

fax: 847-475-0037

www.nelsjohnsontree.com

DIRECTOR'S COLUMN

Bob Kohlstedt, *Fox Bend Golf Course*



Midwest Monthly Meetings – Behind the \$cenes

As past Arrangements Chairman and now Secretary/Treasurer I am often asked why events are so expensive. The board does pay attention to meeting price and it is a topic of discussion; however, much of the information is not conveyed to our membership.

It is often a fine line we walk to provide the best venues for our events and to increase participation by keeping things affordable. Premier sites have larger expenses to cover and demand a premium price for use of their facility. Superintendents are competitive by nature so by trying to be better than the rest, things sometimes get out of control. Don't get me wrong, host clubs should cover the expense of a Midwest event and it is OK to bring some revenue to your course or club. That's just good business. As we all know everything we do or provide comes with a price tag.

Clubs, both public and private don't give things away like they used to. Some of us remember when clubs would comp the green fees and/or the cart fees and allow the Midwest the use of the facility and have the group pay for the food and beverages consumed. That has not happened in many, many years. With clubs vying for Monday outings that will pay top dollar, MAGCS is often left hanging. Even on the public side, how many tee times need to be blocked for an outing of one of ours? Certainly, it is the better part of the day and in the eyes of a manager, revenue.

It is tough enough for us to find a member that is willing to have a 100 or so of his peers play his or her property for a day, let alone asking them to cut us a deal, or give us a break on price. MAGCS has been very fortunate to have members that are willing to host an event and share their facility with us. I always learn something by seeing someone else's property. I have never attended a meeting where I didn't take something away by playing someone else's masterpiece.

The process of arranging an event starts with the MAGCS member volunteering their facility as a potential host site. The arrangements committee will then develop a list of the host sites and contact the superintendent and schedule the day of the event. Two months before the event contacts are made with the food and beverage manager as well as the pro shop to begin the process of selecting a menu and getting a preliminary per person expense. This is where it gets tricky. If the expense is too high then we look at which services can be reduced or

I always learn something from seeing someone else's property. I have never attended a meeting where I didn't take something away by playing someone else's masterpiece.

eliminated, such as breakfast or locker room service. Once we have arrived at an agreeable price we may add a few extra dollars to cover the expense of prizes and pro shop certificates. This is the cost of the event that is posted as the registration expense but this does not include the "extra" expenses.

The "extra" expenses of providing a MAGCS event that are not covered by registration fees are the things that most overlook. The board knows about them, because they are discussed, but the general membership doesn't always see the true cost of putting on a meeting. Some of these expenses include:

- The host superintendent receives a complimentary foursome.
- The speaker is invited to play golf as a guest of the Midwest.
- Staff is invited to participate in the outing and cover the event for the magazine.
- Speakers are given an honoraria and reimbursed for any travel expenses they incur.
- Our host is given a gift, a plaque and the framed cover of *On Course*.
- The Midwest purchases and provides golf prizes for each meeting.
- There is sponsor signage for each event.
- The Midwest pays merchant processing fees to the credit card companies each time a card is swiped.

Some of the costs are really behind the scenes, but a meeting can't occur without: web updates and programming, meeting notices and mass emails, event formatting and communications, pairing sheets, and account reconciliation.

(continued on next page)

These expenses add up over the course of the year and are covered by our very generous sponsors. The Midwest sets the price each month to break even on every event. Over the past three years, your board has done an excellent job of making sure the Association is fiscally prudent and sound (since 1/1/07 thru 12/31/09 our meeting income is \$142,322.50 and our expenses have been \$144,386.86).

Recently we conducted a survey of our members about meetings, and certainly meeting price was a question of interest. Thank you to those 181 members that completed the survey. Overall, the results of the survey supported the work of the board. I am proud to say, the number one item of importance when deciding to attend a meeting is still the education offered at the event. The other items in order of importance were: travel time to meeting, venue, cost, and the day of the week. The most popular day for a meeting is now Tuesday, followed by Monday and most want the meetings to start in the mid morning. Of the 181 members responding, 82% of their employers pay for them to attend a Midwest meeting and it shows that when meetings approach the \$100 mark, members take notice.

Many members responded positively to a less formal and shorter meeting, perhaps a nine-hole event. The board and the partnership task group have noted this and are exploring opportunities to make this happen in the future.

There is a lot of work that goes into each meeting. As a board member, I am thankful every time someone steps up and offers to have us over to play. **-OC**

THE LITTLE GIANT RTV500

**Starts quicker.
Runs quieter.
Stops smoother.**

The new Kubota RTV500 compact utility vehicle has all the comfort, technology and refinements of a larger utility vehicle. Available in Kubota orange and Realtree™ camouflage, the four wheel drive RTV500 is ready for work or play. Visit your local Kubota dealer to test drive the only utility vehicle of its kind.



Martin Implement, Inc.
18405 115th Avenue
Orland Park, IL 60467
(708) 349-8430

Kubota

www.kubota.com

*Realtree is a registered trademark of Jordan Outdoor Enterprises, Ltd.
© Kubota Tractor Corporation, 2008



Tour-Redi

USGA - Spec Sand Based
Bent Grass

*Lay it and
Play it!*

CENTRAL SOD
Tour-Redi Turf

- USGA Spec Sand Based
- Available in "Greens" Height
- Multiple Varieties
- Custom Grown to Your Specifications
- Delivered and Installed Throughout the Midwest
- Poa Free!
- Sand Based Low-Mow Bluegrass at Tee height



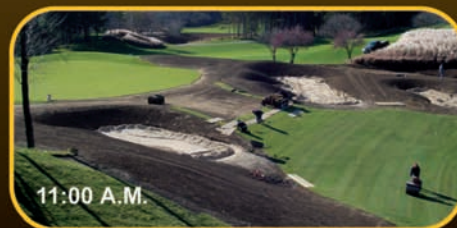
Water Saver Sod

Fescue Sod Available

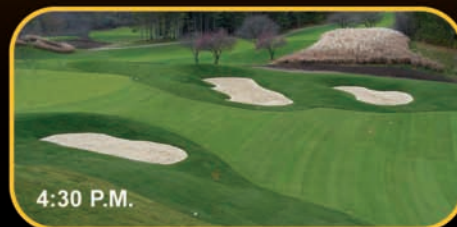
1-800-310-0402



7:45 A.M.



11:00 A.M.



4:30 P.M.

www.centralsod.com

FEATURE I
Keith Rincker, CDGA

Know the Genetics of Your Next Bentgrass Variety



During my junior year at SIU, I enrolled in a genetics course. The course material was different from the rest of the turfgrass curriculum. We learned about the structure of the DNA molecule and how the cells use this information for vital plant functions. Genes were described as the unit of heredity passed on to later generations. Mendel's Laws of Inheritance formed the basic rules to begin the science of genetics. After learning these fundamentals, the exciting uses became apparent—the ability to develop a new plant with superior performance and quality.

Plant breeding is defined as, “the art and science of improving the heredity of plants for the benefit of humankind” (Poehlman and Sleper, 1995). This combination of art and science has been going on for thousands of years in food crops, but has only just begun in turfgrass. Farmers of annual crops choose their genetics every year. Professionals in our field don't always get to choose the genetics of their turf. Many times we are managing a turf that was seeded before we arrived or perhaps before we were alive. For those who do have the opportunity to buy seed or sod, the choice is an important one that can affect management for years to come.

The Chicago District Golf Association (CDGA) has its roots in variety selection and continues to study new releases in the turfgrass industry. In the 1980s a turfgrass disease specific to the bentgrass cultivar 'Toronto' was responsible for the beginning of the turfgrass program at the CDGA. Since then, Dr. Randy Kane has established multiple variety trials on Sunshine Course. These trials are evaluated not only through statistical analysis and written reports, but also through the rigorous examinations of turfgrass managers. Variety trials are open to all; they can be examined up close and personal.

In 2002, variety trials were placed in roughs, fairways, and putting greens on Sunshine. The two original National Turfgrass Evaluation Program (NTEP) trials have been replaced as required by protocol, but new trials have been started. A total of six replicated variety trials are currently in place on Sunshine. The recent additions include a tall fescue trial at lawn or rough height, a Kentucky bluegrass at fairway height, and bentgrass trials at both putting green and fairway height. These are being

studied closely using a system of monthly ratings. Some additional turfgrass species are available for view on Sunshine. Dr. Ken Diesburg from Southern Illinois University has his own tall fescue variety, different Zoysia grasses, and a type of Bermuda grass planted on Sunshine. In addition, Supina bluegrass and colonial bentgrass have been used on Sunshine. We have also installed a putting green trial at Shoreacres in Lake Bluff, Illinois. This will allow us to study variety performance in the microclimate adjoining Lake Michigan. Cool lake breezes and delayed greenup are aspects of that environment that differ from Lemont. This could affect which varieties perform best.



Figure 1. Putting green varieties are evaluated for their thatch production before recommendations of seeding are made. July 23, 2009.

(continued on page 6)

CDGA Bentgrass Studies

Creeping bentgrass varieties can have a large impact on the inputs of a golf course. The genetics of bentgrass turf will have an impact on cultural and chemical practices. What are the benefits of eliminating one fungicide application on your fairways each year? Some varieties can save you an application while others will not. In fact, some new varieties may be able to save you even more money and time than just one fungicide application! However, a comprehensive evaluation of bentgrass varieties gets complicated. In the early years of improving bentgrass, breeders were able to select for finer texture and greater density, both of which are easy to see. Thatch production is important also, but harder to see and select. It takes more time to cut into the turf and measure, and often the thatch of a variety is not known. This is an excellent example of how the variety trials on Sunshine are used to aid in your decision of selecting a variety.

Bentgrass trials on Sunshine began with a NTEP fairway study conducted by Dr. Kane, Dr. Tom Voigt, and Dr. Derek Settle from 2003 to 2008. Twenty-eight bentgrass varieties as well as 7 colonial bentgrass entries were evaluated for visual quality, dollar spot susceptibility (Figure 2), brown patch occurrence, and other turf quality traits. While most NTEP trials across the nation are repeatedly sprayed to control disease, dollar spot was allowed to develop in these varieties in order to better evaluate the resistance of each variety. As expected we found that colonial bents have much better dollar spot resistance but are lacking in brown patch resistance (Figure 3). Colonial bents lack

spreading ability as well. In our study, creeping bents became a weed within colonial plots. This ruined the data from colonial plots later in the study. It also taught us that variety trials of this species and other bents should be conducted separately. In separate trials, management can be suited to their needs so that invasive creeping bents would be excluded.

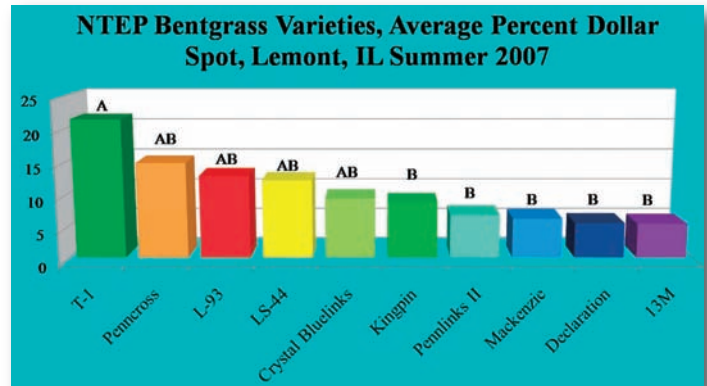


Figure 2. Average percent dollar spot during the summer of 2007 in a NTEP trial on Sunshine Course. Means not followed by the same letter are significantly different ($p < 0.05$) by Fisher's LSD.

GRUENMANN TURF
 Quality Pre-Owned Equipment.
 Inspected. Tested. Warrantied.

Think newish
 view our current inventory
gruenmannusa.com

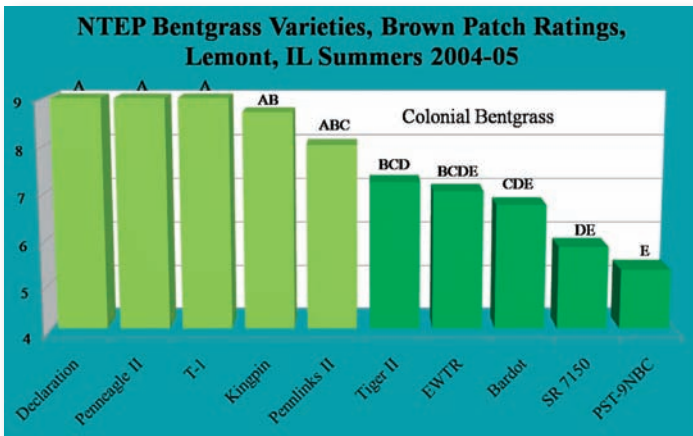


Figure 3. Brown patch comparisons between creeping bentgrass varieties (left) and colonial bentgrass varieties (right). Means not followed by the same letter are significantly different ($p < 0.05$) by Fisher's LSD.

As the NTEP study expired in 2008, a new kind of variety testing trial made its entrance at Sunshine. This time a group of turfgrass scientists from 11 regional universities called the North Central Extension and Research Association (NCERA) designed an experiment to thoroughly test bentgrass varieties for dollar spot resistance. The design of this study is aimed at finding the varieties that perform the best with fewer inputs, which includes fungicides. The trial is not a beauty contest; it focuses on the primary problem of bentgrass turf: dollar spot. Bentgrass fairways in and around Chicago require multiple applications of fungicide to control this disease. The best control is in the genetics of the bentgrass variety. This new variety testing will help us select the varieties with the best genetics.

The NCERA trials include 25 bentgrass varieties at fairway and putting green height. Our fairway trial was seeded in the fall of 2008. After a month, we were able to see differences in the establishment of varieties (Figure 4). Although these trials should be repeated, it seems as if the old industry standard 'Penncross' has the vigor to grow in and cover the surface faster than other varieties. After lowering the mowing height and allowing plots to fill in, we obtained some dollar spot data last fall. The results show the varieties 'Declaration,' 'Memorial,' 'L-93,' and 'Crystal Bluelinks' provided the best resistance to dollar spot (Figure 5). Our materials and methods within this trial include splitting each variety plot; one side receives no fungicides while the other side receives applications based on the most resistant varieties. We expect the results to lead us to a handful of varieties that can perform well, while the majority of the varieties tested will be loaded with dollar spot. Each trial will have its first full year of data collection this summer. The results will help us determine which varieties perform best under fewer inputs. We are excited to have this study on Sunshine this year and in the many years to come. The information from this collaborative effort will be important for anyone looking to seed bentgrass.

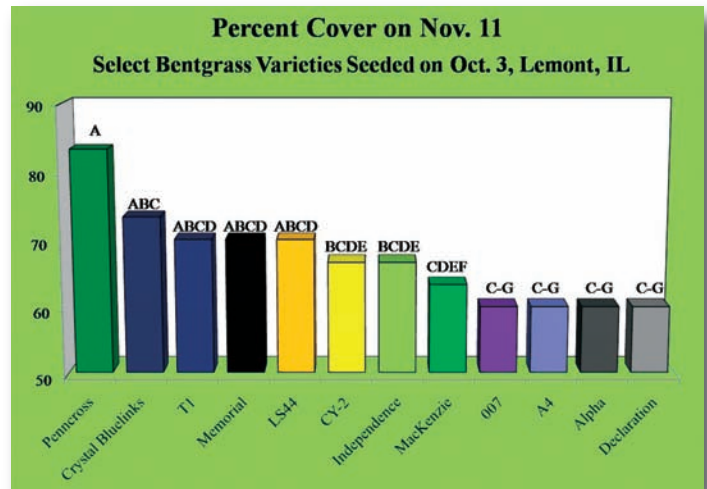


Figure 4. Percent cover of Bentgrass varieties in 2008 from our NCERA fairway trial. Means not followed by the same letter are significantly different ($p < 0.05$) by Fisher's LSD.

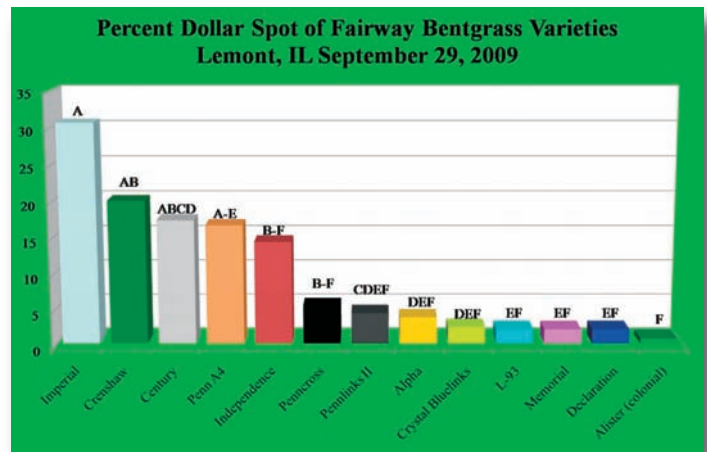


Figure 5. Dollar spot within Sunshine's NCERA fairway study. Means not followed by the same letter are significantly different ($p < 0.05$) by Fisher's LSD.

Not all studies are conducted on Sunshine course. Multiple locations are important in order to replicate results across our region. Dollar spot data is plentiful in CDGA research. When Dan Dinelli, CGCS at North Shore Country Club requested we rate his own tee box varieties we jumped at the opportunity. In 2008 we rated dollar spot several times. Each time we noticed a few varieties with resistance to this persistent disease (Figure 6). 'Benchmark DSR' stood out because it was a variety that we had not yet heard of and because of its improved resistance (Figures 6 and 7). Another trial was seeded away from Lemont in the fall of 2009. As mentioned earlier, this new variety trial was installed at Shoreacres in order to evaluate performance in the environment near the lake and to evaluate spring greenup specifically. Twenty-five varieties were seeded. After this spring the varieties will have filled in and will provide plenty of quality and color data. In this study we are using normalized difference vegetative index (NDVI) as a tool to measure the light reflectance and estimate the color of the turfgrass. These measurements will give us unbiased data on color and complement our visual ratings.

(continued on page 8)

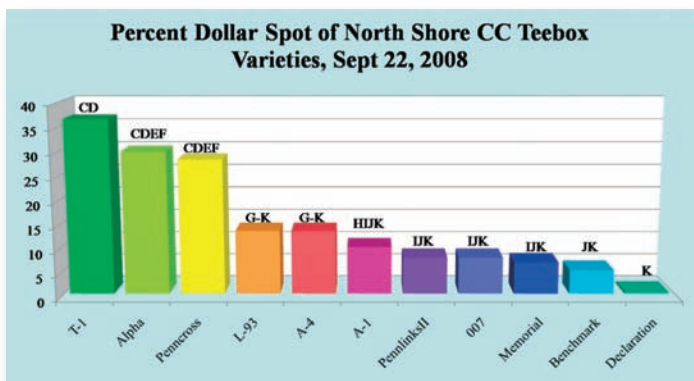


Figure 6. Percent dollar spot of bentgrass varieties managed on a tee box. 'Crenshaw' had the most disease at 63% dollar spot. Means not followed by the same letter are significantly different ($p < 0.05$) by Fisher's LSD.



Figure 7. New varieties must be tested to show characteristics like dollar spot resistance in 'Benchmark DSR,' September 22, 2008.

In summary, the bentgrass dollar spot data in our variety trials show 'Declaration,' 'Memorial,' and 'Benchmark DSR' provide excellent dollar spot resistance. 'L-93' was the industry standard for dollar spot resistance up to ten years ago, but today we have more varieties with the same or better resistance. When keeping thatch levels in mind, 'Pennlinks II' still provides a good level of dollar spot resistance and less thatch development. We hope that more variety trials will address the issue of thatch in the future. Just as 'Benchmark DSR' surprised us in 2008, we were also learning more about new varieties called 'Crystal Bluelinks,' '007,' and 'CY-2.' New varieties are released every year, and testing must be continued to determine the performance across our region. As I prepared for our latest establishment I heard new names such as 'Pin-up' and 'V8.' Some companies even stated that the economy was delaying the release of new varieties. Some entries don't have market names yet and may be a couple years from being released. For example, we have two varieties in our Shoreacres plot that are still experimental. The current NTEP putting green trial at North Shore Country Club has eight experimental entries. Research is ongoing in bentgrass genetics. Scientific articles from university programs shed light on new ideas and methods being tested. Our varieties will continue to improve, and CDGA testing will show the uses and savings these varieties can provide.

Literature Cited

Poehlman, J.M. and Sleper, D.A. 1995. Breeding Field Crops. Iowa State University Press, Ames, Iowa. -OC

Phoenix
ENVIRONMENTAL CARE

For more about...

Pegasus™ L, Pegasus DF, Firebird® GC,
Vital®, Kestrel®, Lucid™, Current™,
Knighthawk® & Symmetry™

Contact: Rick Grant at 317-776-9983
or visit www.phoenixenvcare.com

Pegasus, Knighthawk, Current and Symmetry are trademarks of Phoenix Environmental Care LLC. Vital is a registered trademark of Luxemourg-Pamol, Inc. Lucid is a trademark of Rotam USA. Firebird and Kestrel are registered trademarks of Phoenix Environmental Care LLC. Firebird GC is a Restricted Use Pesticide. Always read and follow label directions.

RABINE PAVING
DISCOVER THE DIFFERENCE
888-722-4633

PAVING THE WAY WITH
QUALITY FOR OVER 40 YEARS

Cart Paths - Driveways - Parking Lots - Roads

- Asphalt Paving & Engineering
- Concrete Paving / Whitetopping
- IDOT Pre-qualified
- Decorative Pavements
- Infrared Pavement Repairs
- Sealcoating and Striping
- Snow Removal / Ice Control

www.rabinepaving.com

THE PREFERRED SERVICE PROVIDER FOR ALL OF
YOUR PAVEMENT CONSTRUCTION AND
MAINTENANCE NEEDS



Meat and Potatoes Stew at the Links

What are the real meat and potatoes at your facility? The meats at my facility are the golfers. Now if you like meat as much as I do, then you do whatever it takes to get it. How many superintendents took advantage of the past two mild summers we had to create unusually fast conditions?

I really never hear my golfers say, "Rick the greens are too fast today." What I do hear is fellow superintendents say, "are you crazy how many times last week did you double cut and roll." During these tough economic times I want to keep my golfers happy and playing at my facility.

My situation is a little different from some, because we cater to many low handicappers. Today most of my members are members at other facilities, as well. So, it's important to try to set ourselves apart from other facilities. We want our members to choose our facility out of the two or three clubs they belong to and to bring their guests here. With the mild weather we had over the past two summers, creating optimal playing conditions was not very risky. So, if I can double cut and roll four or five times a week with my old sixty-plus percent *Poa annua* greens, why are others with new greens and grasses not doing the same? Well, most likely, because they aren't crazy. I think that I should thank all of you for not being crazy, because while you're not being crazy, we've stepped up the fine touches and maintained our rounds of golf for the past three years.

O.K., enough of the blah, blah, blah. The point I'm trying to make is, what are you doing to keep your golf rounds up at your facility? In my opinion, the present economy calls for a decrease in spending, but an increase in detail. How can I spend less but do more? By using the best asset we have at our facilities— staff. Delay any large projects; repaint and rebuild instead of buying new equipment. Perhaps set up an every-other-year equipment purchasing program.

I believe the last thing we should cut is staff. Staff is, in my opinion, the potatoes of the meat and potatoes. Staff is the fulfilling part of the meat and potatoes. They are the individuals that get the job done. One of my favorite sayings comes from Al Fierst. He always said, "when something needs to be completed, call the 'movers and the shakers,' the grounds crew."

I sat down with my crew and talked about the importance of keeping golfer rounds up. What we needed to do to keep golfers happy and guest rounds coming. One of those things was keeping green speeds up on these old *Poa annua* greens. We set a plan in place, and everyone has chipped in to make it work for the past three years. The crew is paying more attention to details, adjusting hours, and taking real pride in the product they are producing. We are not working any more hours than if it was a warm summer requiring a little hand watering (which is figured into the labor budget).

What has happened is that we have had the same rounds played, both guest and member rounds, over the past three years. This has put the club in position to continue to employ staff during this economic down time.

On a final note, I should point out how lucky I am to have two Assistant Superintendents, Alonso Esquivel (32years) and Paul Stoffel (15 years), who are truly dedicated to our club. The majority of the crew has been with me for 5 to 30 years. They are eager to perform, because they realize how well the members at our club support us.

So instead of taking advantage of a mild summer by leaving early or laying off an employee, try taking that extra step when conditions are right. **-OC**

We Make Sure the Grass is Always Greener on *Your* Side.

We combine the world's leading professional turf maintenance brands with a team of local experts to deliver the best overall turf solutions to our customers. From creating customized solutions designed to tackle site-specific issues to building customer specific application programs that achieve maximum results, our customer-driven, expert staff is dedicated to the overall success of each and every customer.



Ph: 630.268.8871 | Fx: 630.268.1357
www.chicagolandturf.com

LEADING TURF BRANDS, LOCAL EXPERTISE



Your Single Source for:

- pH Control
- Fertigation
- Injection Equipment
- Irrigation System Monitoring & Alarm

Ask about our **NEW 990v!**



- P VFD Technology
- P Eliminates Overfeed Spikes from On/Off Control
- P Affordable
- P Remote Control from Irrigation Central
- P Optimize Treatment Costs
- P Easy to Use



PRODUCT * EQUIPMENT * SERVICE * SUPPORT

For additional info or to schedule a demo, call 800.677.8097

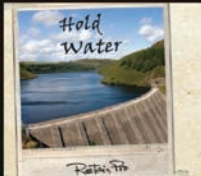
Rooted in Science



www.floratine.com



Drive Roots



Micronutrient Technology



CALPHLEX



Distributed by:



Jeff Mazur - 630.936.3179 Josh Grossman - 312.504.0388
 Ed Fischer - 847.337.1091 Marty Heyen - 630-939-0151
 Jim Johnson - 616.292.0260



Essential Amino Acids



Rapid Green



Who Can You Trust to
Provide
& Protect
Your Water Supply?



Layne-Western

Complete Services for
High-Capacity Water Wells and Pump Stations

Source Development • Wells & Pumps • Maintenance
Aurora, IL: 630-897-6941 • Beecher, IL: 708-946-2244
www.laynechristensen.com

RedeximTurfProducts.com

The
ORIGINAL
DEEP TINE AERATOR
VERTI-DRAIN



Contact: Grant Rundblade 815-988-6303



Emerald Isle Solutions™

Emerald Isle True Foliar Nutrition Programs
Provide Increased Root Mass,
Controlled Tissue Growth,
Color, and Consistency.

CPR

4-0-1 Color, Performance, Roots

SEAQUENTIAL
Fairway
6-0-2 with Liquid Chelated Iron

NUTRI-RATIONAL
TrueFoliar
10-20-16 NPK Phosphate

NUTRI-RATIONAL
TrueFoliar
2-0-16 K

NUTRI-RATIONAL
TrueFoliar
3-0-10 SI

NUTRI-RATIONAL
TrueFoliar
19-16 N

PO Box 1325
Frankfort, IL 60423



800-732-9401
Fax: 815-463-8395



Growers of Quality Sod

SERVICE!

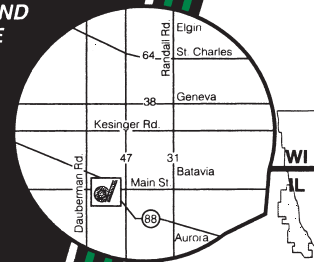
LOCAL GROWING FOR
EASY PICKUP OR QUICK DELIVERY.
DELIVERY ON TIME, EVERYTIME.

QUALITY!

FEATURING
ELITE KENTUCKY BLUEGRASS,
BENTGRASS SOD, AND
TURF-TYPE FESCUE
• LOWER MAINTENANCE
• MORE DROUGHT
& SHADE TOLERANT
• BETTER WEAR RESISTANCE



PRICE!
CALL FOR A QUOTE



Chicago

630-557-2900

MAIN STREET
11 MILES WEST
OF BATAVIA, IL

SUPER -N- SITE

Steven Biehl, Naperville Country Club

Phil Zeinert, CGCS -N-



As I sat down to write about Elgin Country Club, I realized a happy coincidence. The first round of golf was played at Elgin Country Club, 109 years ago, to the day. It is hard to imagine the rudimentary grounds that must have existed during those first rounds of golf on May 10, 1901. It is also hard to imagine the speed of action that those original members exhibited in the 45 days leading up to those first rounds. It was on March 26, 1901, that 32 men met in downtown Elgin to pledge charter membership in a new golf club. They then proceeded to acquire a total of 82 members and a lease on 80 acres for the construction of nine holes. Then, they cleared trees and stones and built fairways, bunkers, and greens—all in time for the May 10th tee times.

The club played on that original nine-hole creation for over 25 years, until 1928, when more permanent facilities were erected. A new club house was built and another nine holes were added to complete a full 18 holes. Then, in 1948, three of the original nine holes were abandoned to make room for a new driving range, and three new holes were added at the other side of the property.

Phil Zeinert, CGCS grew up in north-central Wisconsin with three brothers, one sister and—like most kids in Wisconsin—cows. The small hobby farm had more than just cows, but in addition to taking care of animals, he found time to play many sports as a kid. Phil first worked on a golf course when he was 14, at a nine-hole course. He now reminisces about those simpler times, when he used the same gang mower for the fairways and the roughs and only needed to change the height of cut. Those first years on the golf course did not make much of an impression.

When it came time to go to college, it was the farm and a sport other than golf that influenced Phil's decision. He attended the University of Wisconsin to play baseball and study Agri-Business. Phil is still a baseball fan, but don't ask him about the Cubs; he's a Brewers fan. After two years, Phil took a Soil Science course with Dr. Love, who was the head of Wisconsin's Turf Program. Dr. Love talked him into revisiting his days on the

golf course and concentrating on a Turf degree. Phil complied and graduated from Wisconsin with his Turf degree in 1985.

Phil's first job out of college was Assistant Superintendent at Cherokee Country Club in Madison, working for Pat Norton. His path then took him to Elwood Greens for his first Superintendent position. From there he went to Kishwaukee Country Club in DeKalb. In 2001, Phil became the Superintendent at Elgin Country Club, where he has made many improvements. Changes made since 2001 include a new driving range, new irrigation system, new tee boxes, and some fairway re-contouring and greens expansions. Amid all of that, he was able to serve on the MAGCS board, including a term as MAGCS President in 2005.

If he's able to find some free time, Phil enjoys being outside with his family. He has three sons: Zachary, 25; Justin, 21; and Jonah, 15. Phil and his wife, Naomi, have been married for 17 years.

Elgin Country Club sits on a beautiful piece of property. The hilly terrain seems out of place at a club located in the Chicagoland area, but it creates a spectacular set of holes. One hundred and nine years later, you can still play a few of the same holes that were played during the club's inauguration, but you can also count on much better conditions, thanks to superintendent Phil Zeinert, CGCS and his staff. **-OC**



Phil Zeinert





ARTHUR CLESEN INC.

Dedicated to Service!

See the difference.

Quality products • Priced competitively • Prompt delivery

You get fast, courteous service from Arthur Clesen Inc.

We've staked our reputation on it.

Try us and see the difference.

▶ **WHEELING** p. 847.537.2177 f. 847.537.2210 ▶ **MOKENA** p. 708.444.2177 f. 708.479.9477

MIDWEST BREEZES

Charles Anfield, CGCS, *Heritage Bluffs Golf Course*



Winter on the Lake

Winter is always more severe and longer in the Great White North and this past winter was no exception. Granted the north side of Chicago is not close to the Arctic Circle but it does have the more pronounced lake effect of Lake Michigan and the growing season is at least two weeks shorter than down in my "neck of the woods", south of route 80. Many courses got heavy rain on December 23rd and then everything froze solid until March. There were casualties. I called a few guys up to check in on the healing process.

Rick Bowden at Bob-O-Link Golf Club in Highland Park sustained most of his damage on low lying fairways areas and some "bird bath" areas on greens. "It rained and then froze right after Christmas. There was a lot of ice. You could have ice skated down our fairways. Even the Members commented that it didn't look good. I knew problems were coming. Most of the damage was on three fairways that run east to west. It seemed like the damage was more pronounced on the shaded south sides of the fairways". Rick has re-seeded all of the areas and has about 60% recovery at this time. "We seemed to have a lot of snow mold even on treated areas. I think the ice cover exacerbated the snow mold damage. I can't recall the last time we had such significant damage from a winter. The players are

happy with the lift, clean place rule in effect in the fairways and the greens are rolling phenomenal. Our rounds have been up a little with the warmer weather and we have some new Members that have recently joined the Club".

I caught up with Tim Davis at Shore Acres Golf Club in Lake Bluff. He was out setting up the course for an Illinois Senior PGA Match Play event. I asked Tim if he had any ice damage. Never one to mince words, Tim said "oh yeah. I think the shade issue is much larger than we think. It seemed like even the poa would survive better without the September, October shade issues. The plant is trying to produce carbohydrate reserves for the winter. It doesn't get as much sun as the other turf and is more likely to fail. It's just not as healthy as it should be to prepare for winter conditions". Tim has cut seed in four different directions, spiked it with a "job saver" and covered the areas. The cooler weather along the lake has not helped with the grow-in. He expects to get full recovery by mid June. Tim plans on cutting trees down where ever possible especially on south and east sides of holes. "I'm going to raise my mowing heights in the fall to promote more leaf area and create a larger carbohydrate reserve for the poa". Tim had one last tidbit of

(continued on next page)



Michael J. Benkusky, Inc.
GOLF COURSE ARCHITECTURE

Over 20 years of golf course design experience.
Member American Society of Golf Course Architects



Lake in the Hills, IL 815-474-8385
www.mjbgolfdesign.com mbenkusky@mjbgoledesign.com



experience to pass on, "it seemed like there was a lot of poa seed heads this spring. History has shown that you should get your irrigation pumps ready". Good advice.

Mike Matchen from Wilmette Golf Club in Wilmette had only one problem with one green. "Our #6 green has everything wrong with it. It's always been a bad area for crown hydration injury, a forever problem. Its small, tucked in the woods, all poa, no drainage and built out of clay. We tried to cover it but it was a total loss. We plan on rebuilding the entire site this season. We lost maybe a couple of hundred feet of turf in low lying fairway areas. One thing we did was to go out and plow snow off of the ice covered greens just prior to a January thaw. We got lucky and about 85% of the ice was melted. We used applications of black sand to help the melt the remaining ice".


Brian Green, CGCS from Sunset Valley Golf Course in Highland Park was at "ground zero" for the poa ice carnage. "We sustained quite a bit of damage. I've worked here for 30 seasons and this is by far the worst damage I have ever had". Brian conducted a survey from surrounding golf courses to gather information about the ice damage. Its goal was to gather information, assess tactics and trends from the damage that can help Superintendents prepare for recovery and future winter preparations. The common denominator of the survey was the ice sheet that covered turf for 80 days. As we spoke he watched as the puddles formed in the fairways as it rained on the damaged areas. "It's been exhausting, seeding, covering and uncovering. I need to be patient during the grow-in. Everyone always thinks we have it easy along the lake in August. We seem to pay for it in the winter and during the spring with the cooler temperatures

and the slower green up. We still have trees that haven't leafed out yet". Some other trends Brian deducted from the survey: covered greens fared better than non covered, ice removal didn't help, bentgrass greens did very well, shaded sites were worse than direct sun exposure sites, heavy topdressing was a non factor, and low lying non draining areas fared worse than higher areas. I don't think anyone is sure on the actual cause of the kill. Was it crown hydration injury, disease, anoxia: a gas build up, low temperature kill or any and all of the above?

My Golf Course Superintendent friends in the Pacific Northwest went through a poa direct kill in early December. There are no easy answers and it is not pleasant for anyone. Often times, fingers get pointed at people who have very little, if any control with the overly shaded sites and absolutely no control over adverse weather conditions. There is not much research on this phenomenon. Most turfgrass researchers are plant pathologists. It is also difficult to do research in the winter under snow and ice, conditions are brutal. We often hear of this phenomenon happening to courses in the northeast or up north. This year it happened here. This topic is a very sensitive and turf loss is very personal for each one of these guys (and the rest of us) as they go through their recovery process.

The take away messages are clear:


- Bent is better than poa for overall hardiness.
- Shade is bad for sun loving turf plants that need to survive harsh conditions under low mowing heights. Choose turf over trees.
- Winter weather conditions are a "wild card". Prepare for the worst, hope for the best.




Ask about our special terms for MAGCS Members!

342 N. 400 E. Valparaiso, IN 46383


Phone Toll Free: 800-362-6951




Boots/Rainsuits




Landscaping




Food/Clubhouse








Stens Small Engine Parts



Hardhats/Safety Protection



Cords/Lighting

www.phpdistribution.com

- The more drainage, the better. Low lying areas are a "bull's eye" for winter crown hydration.
- Protect the poa.
- Network with your peers, take photos, keep records.
- Anticipate and communicate with your owners.

You can add this to the list of "What do Golf Course Superintendents Do in the Winter"? We worry about our turf under the snow and ice. **-OC**

SOIL and WATER
SCIENTIFIC ANALYSIS
V. J. ZOLMAN & SON
Turfgrass Soil and Irrigation Water Specialists Since 1964
 Locally based services include Physical Soil Testing,
 Tissue, Lime and Audubon/Environmental Analysis
Fax (630) 964-9769 Tel (630) 964-9702
7100 Blackburn Ave. * Downers Grove, IL 60516
Lab Services by Brookside Laboratories Inc.

BATTERIES for your business!



VILLA PARK
240 E. Roosevelt Road
630.279.3478



OAK LAWN
6227 W. 95th Street
708.499.6977



NAPERVILLE
115 E. Ogden Ave.
630.355.6822

LAKE ZURICH
409 S. Rand Road
847.550.6545

CHICAGO
2051 N. Clybourn Ave., Ste. 9
773.645.4420

BatteriesPlus. 
Business to Business

BatteriesPlus.com

Over 40,000 Batteries & Accessories

- > Golf Cart Batteries
- > Auto/Truck/Fleet
- > Industrial Batteries
- > Laptop/Computer
- > Two-Way Radio/Land Mobile
- > Cell/Cordless Phone
- > Cordless Tools
- > Uninterruptible Power Supply (UPS)
- > Custom Battery Packs
- > Sealed Lead Acid
- > and More!

Trojan Batteries
Authorized Dealer





PALATINE OIL CO., INC.

Chicagoland
Only
Full-Service
Supplier!

"One Call Does It All!"
Discover the difference!

Budget Broken?
Give us a call and we can be
Your Solution to any Fuel Cost Hassles!

Over **thirty-seven** years
of caring service
and delivery of
Quality products.

visit us online www.palatineoil.com or call us at **1-888-358-7621**



THE BULL SHEET
John Gurke, CGCS, Associate Editor

June 2010

DATES TO REMEMBER

June 10-11 – Illinois Arborist Association Summer Conference at Lake of the Woods Forest Preserve in Mahomet, IL. Visit www.illinoisarborist.org for details.
.....

June 14 – MAGCS monthly meeting at Elgin Country Club, **Phil Zeinert, CGCS** host.
.....

June 29 – 10th Annual John Buck Memorial Golf Outing at Crystal Woods Golf Club in Woodstock, IL.
.....

July 2 – Deadline for nominations for GCSAA 2011 Board of Directors.
.....

July 5-11 – 2010 John Deere Classic at TPC Deere Run in Silvis, IL.
.....

July 17 – Annual MAGCS Kane County Cougars Game and Family Picnic at Elfstrom Field in Geneva, IL.
.....

July 22-24 – Illinois Women's Open State Championship of Golf at Mistwood Golf Club in Romeoville, IL, **Ben Kelnhofer** host.
.....

July 26 – Deadline for nominations for the GCSAA Col. John Morley Distinguished Service Award (DSA).
.....

July 27 – Wisconsin Turfgrass Association's Summer Field Day at the O. J. Noer Turfgrass Research and Education facility in Verona. Go to www.wisconsinturfgrassassociation.org for details.
.....

July 30 – Deadline for submissions for TurfNet's 2011 "Superintendent's Best Friend Calendar" presented by BASF. This is the ORIGINAL golf course dog calendar.
.....

August 2 – Deadline to submit your entry to the other golf course dog calendar—the "Dog Days of Golf" calendar sponsored by Lebanon Turf.
.....

August 11 – Ohio State University Turfgrass Research Field Day in Columbus, OH. Click www.ohioturfgrass.org to learn about it.
.....

Welcome to our newest MAGCS members:
Todd Zimmerman, Aspen Ridge Golf Course, Regular
Daniel Lopez, Billy Casper Golf Management, Assistant
Kevin O'Rourke, The Care Of Trees, Associate
Tony LaPidus, Russo Power Equipment, Associate
Andrew Andersen, AXA Advisors, Associate
Grant Rundblade, Redexim Turf Products, Associate
.....

Retirement will have to wait. **Ed Fischer, CGCS** just couldn't sit still with that retirement thing, so he got back in the game. Ed has joined Great Lakes Turf, an exclusive distributor of Floratine products as a sales representative for various accounts in our area. Good luck and congratulations on your un-retirement, Ed!
.....

Rich Daly, another longtime MAGCS member has a new business card. Rich, formerly with Otterbine Barebo is now with Integrated Lakes Management, Inc. (ILM), specializing in lake and pond management, restoration, and consulting. Congrats, Rich.
.....

And rounding out the trio of gray-haired guys who've taken up new employment, **Harry Lovero** has accepted a position as Technical Consultant for IHAMMER LLC, a company that manufactures several foliar-applied nutrient supplements. Harry can be reached at 630-460-2750. Congratulations and the best of luck to you, Mr. Goaltender!
.....

(continued on page 21)

In 2005 we made history
introducing them.
Now, they're starting to make
other mowers history.



E-Cut™ Hybrid Fairway & Greens Mowers. It's the fifth anniversary of E-Cut™ Hybrid technology. And the honeymoon's still not over. No wonder: they offer a flawless consistency of cut only electricity can deliver. Save up to 30% on fuel. And banish hydraulic-leak anxiety forever. Our latest models, the 7500/8500 E-Cut Hybrid Fairway mowers, even won the prestigious AE50 award.

Have a spot open in your fleet? Try one on your course. See what all the buzz is about. **Consider us part of your crew.**



J. W. TURF, INC.
14 N 937 US HWY 20
HAMPSHIRE, IL 60140
(847) 683-4653

**Integrated
Eco Agronomic
Solutions**

**Looking Forward
to Serving you in
2010**

PROGRO
solutions

Aaron Goy
Eco Agronomist, Managing Partner
Cell: 859.991.0828
aaron@progro-solutions.com

Rob Colby
Agronomist, Central Illinois Region
Cell: 317.379.5117
rob@progro-solutions.com

Rusty Stachlewitz
Agronomist, Chicago Region
Cell: 630.779.0761
rusty@progro-solutions.com

Craig Shepherd
Agronomist, Chicago Region
Cell: 563.213.1632
craig@progro-solutions.com

www.progro-solutions.com

**The tank mix fix for
disease control and
reliable resistance
management.**



Put 'em together and put an end to a broad spectrum of turf disease, including Dollar Spot, Anthracnose and others.

Today, golf course superintendents need both quality and value. And that's exactly what Quali-Pro has been delivering since day one — proven products featuring the newest formulation technologies at an unprecedented value.

**Unsurpassed Quality. Outstanding Value.
Since Day One.**

For more information, contact Doug Suttor at 616-403-3983 or any of these authorized Chicagoland distributors:

Arthur Clesen Inc • BTSI • Conserv FS

QUALI-PRO

Quality Turf & Ornamental Products

©2010 Quali-Pro. Quali-Pro is a registered trademark of MANA. Know The Sign is a trademark of MANA. Always read and follow label directions.

Commercial Irrigation & Turf, which has been in business for 23 years, is now your Rain Bird golf authorized irrigation service provider. For service issues with your Rain Bird systems, contact General Manager of Golf Development **Ryan Kerber** (309-208-6025), or Field Irrigation Service Manager Mike Saliwanchik (616-822-8960).

So let's get these dog calendars off our checklist. July 30th and August 2nd are the deadlines to submit your photos of your canine companions to TurfNet and Lebanon Turf respectively. Each 2011 calendar will feature 14 photos (including December and the cover), so get those high-res (at least 4 megapixels) photos in soon. For the "Superintendent's Best Friend" calendar, call Laura Salinas at 407-515-2604 or John Reitman at 407-563-7049. For the "Dog Days of Golf" calendar, contact Bernie Bross at 800-233-0628 or email him at bbross@lebanonturf.com. Good luck.

Correction from April: Apologies to Marsha Traves and her family on the misnaming of her father, Ronald Ferkula.

April omission: I must be getting flighty in my advancing years—when I reported that two of our member courses had been named to *GolfWorld* magazine's 25 Best Nine-Hole Courses in America, I was dead wrong. THREE of our member facilities were actually named to the list. I got #15 Pottawatomie Golf Course (**Denise Gillette-Parchert**) and #18 Sydney R. Marovitz Golf Course (**Billy Casper Golf**) correct, but failed to mention Woodstock Country Club (**Bob Kronn Sr. and Bob Kronn Jr.**), which was on the list at #19. And just for grins, two other neighboring courses also made the prestigious list—The Dunes Club in New Buffalo, MI was top dog at #1, and Signal Point Club in Niles, MI was #7. Mea culpa.

Worried about the economy and its effect on golf here in the States? You might want to start learning to speak Mandarin. According to an article in the Chicago Tribune recently, golf in China is rocketing and poised to surpass the United States in players over the next 10 years. Golf development began 26 years ago in China with an annual growth rate of 50%, and about 4 million golfers currently playing at approximately 400 clubs. Predictions are that by 2020 China will have the world's largest golf population. Yippie.

Congratulations to Kathryn and **Darin Habenicht** who are the proud parents of Riley Kathryn, born on April 5th and entering the world at 10 lbs. 4 ozs., and 23.25 inches long.



Darin Habenicht and daughter Riley Kathryn.

Don't forget to sign up for the John Buck memorial Golf Outing which takes place at the end of the month on the 29th at Crystal Woods Golf Club in Woodstock, IL. The format, as usual, is a 4-person scramble which kicks off at 11:00 a.m. Following golf will be a huge dinner spread with steaks and all the trimmings, and prizes to boot. Sign up your foursome and take a shot at unseating Team America, the reigning 2-time champs who will not relinquish their throne without a fight.

The PGA Tour paid a visit to one of our members last month. **Tom Lively, CGCS** and TPC San Antonio hosted the Valero Texas Open on their AT&T Oaks Course by Greg Norman just months after opening the course on January 22nd following a tough grow-in during record drought and heat last summer and record cold this past winter. Awesome work, Tom, but who put that bunker in the middle of the 16th green?

Congratulations to **Brian Widmer, CGCS** who re-certified with GCSAA in April.



Brian Widmer

In case you read Dates to Remember and wondered what the Don "Iron Man" Cross reference was all about, just check out GCSAA TV and find out. Or keep reading—Don was featured on GCSAA TV in a video called "Off the Course – **Donald Cross, CGCS** and Iron Man" recently. The piece details Don's transformation from a hobbled (his ankle was severely injured in a car accident), overweight (he says 45 pounds or thereabouts), and energy-starved golf course superintendent who decided to make a change. Don started working out, and with the loss of weight, he was able to begin running on the grounds of Skokie CC. Setting his sights on competing in a triathlon, Don also took advantage of the club's pool, swimming up to 200 laps at 4:30 in the morning. Eventually Don was ready for the big challenge, which entailed a 112-mile bike ride followed by a 2.4-mile swim, and chased down with a nice 26.2-mile marathon run, which he successfully completed. Go to gcsaa.org to see the whole video.

Kane in Maine—**Dr. Randy Kane** recently chimed in from his new home in Steven King country. Doc says winter was fairly mild for that neck of the woods, as he only spent \$250 for driveway plowing and \$1,500 on heating oil. Randy remains

(continued on page 22)

active in all things turf, having attended a Maine GCSA meeting in Bangor, and speaking at a New England Regional Turf Foundation Conference in March. Drop him a line sometime at drkane85@yahoo.com.

.....
 Congratulations to Molly and **Mike Hatton** on the birth of their baby daughter Nora Elizabeth on April 2nd. Nora joins brothers Charlie and Jack in rounding out the Hatton family.



Nora Elizabeth Hatton

.....
 You've been hearing about the bigpar3 coming this August 21st, right? Illinois Turfgrass Foundation (ITF) is the brains behind this unprecedented event which will raise funding for the invaluable research it sponsors. In a nutshell, bigpar3 is the World's Largest Closest to the Flagstick Contest, taking place on as many golf courses throughout the Chicagoland area simultaneously. Each participating course will run a

closest-to-the-pin contest on a par 3 hole at yardages of 150 for men and 120 for women and juniors. Measurements will be recorded and winners will be announced. The cost to participate is \$10 per player, a donation which will help ITF to continue its mission to improve turf quality on every golf course. The statistics of the event will be submitted to the Guinness Book of World Records to establish it as the World's Largest Closest to the Flagstick contest, which is also cool. To enter your course in the event, or to learn more about it, go to www.bigpar3.org and get involved—it will directly help YOU in your career.

.....
Craig Lewis. Nothing more needed to be said. Just Craig Lewis.

.....
 Condolences to **Dale Morrison** of Trappers Turn Golf Club whose mother Dolores Joy Morrison passed away on March 13th in Momence, IL at the young age of 80. Dale fondly describes her middle name of Joy as being what she brought to the lives of everyone around her.

.....
 If you haven't been able to catch up with longtime MAGCS member and President in 1984 Roger Stewart, CGCS in person, check out the April issue of Golf Course Industry magazine. Pat Jones' article "Championing a Cause" features Roger's career-long experiences in prepping courses for senior events (he's hosted nearly a dozen events at 3 different courses), as well as his persistent efforts to both improve the ecological performance of the facilities he's managed and to spread the gospel of eco-golf in the communities and states he's lived

TURF UNIVERSITY CLASS OF 2009

<p>Curalan® EG Fungicide, Emerald® Fungicide, Insignia® Fungicide</p>		<p>Iprodione Pro 2SE Fungicide, Trinity® Fungicide, Basagran® T/O Herbicide</p>			<p>Drive® XLR8 Herbicide, FreeHand™ 1.75G Herbicide, Onetime™ Herbicide</p>		<p>Pendulum® AquaCap™ Herbicide, Pendulum® 2G Herbicide, Pendulum® 3.3 EC Herbicide</p>		<p>Segment™ Herbicide</p>
---	---	---	---	--	---	--	---	---	-------------------------------



**For diseases, weeds or pests,
BASF is at the top of the class.**

Contact Randy Lusher at
(630) 235-0104 or randy.lusher@basf.com.
betterturf.com



The Chemical Company

Always read and follow label directions.
 Basagran, Curalan, Drive, Emerald, Insignia, Pendulum and Trinity are registered trademarks and AquaCap, FreeHand 1.75G, Onetime and Segment are trademarks of BASF. ©2009 BASF Corporation. All rights reserved.

in throughout his career. I always knew that guy would go places. He used lots of big words.

.....
Congratulations to the following MAGCS members who were recently recognized by GCSAA for maintaining CGCS status for over thirty consecutive years: **Michael R. Bavier, Edward W. Fischer, and John M. Krutilla.** Well done!
.....

Another list of notables came out recently—*GOLFWEEK* magazine's 2010 Best courses. In the Classic category (pre-1960), the following MAGCS member courses made the prestigious list: Chicago Golf Club (**Jon Jennings, CGCS**) was 12th, Oakland Hills CC South Course (**Steve Cook, CGCS, MG**) 17th, Shoreacres (**Tim Davis**) 26th, Olympia Fields CC North Course (**Sam MacKenzie, CGCS**) 42nd, Medinah CC No. 3 (**Curtis Tyrrell, CGCS**) 62nd, Skokie CC (**Don Cross, CGCS**) 92nd, Point O' Woods G&CC (**Ron Fox**) 95th, and Beverly CC (**Keith Peterson**) 99th. In the Modern category (1960 to present), Butler National GC (**Mike Sauls**) was 56th, Cog Hill CC No. 4 (**Ken Lapp**) 64th, and Black Sheep GC (**Dave Biery and Dave Esler**) 68th.
.....

The MAGCS April monthly meeting took place at sunny Joliet Country Club with **Mark Kowaliczko** hosting. The event was the Spring Scramble, and a perfect day was offered up by the weather gods. But before heading out to the course, a must-have-been-record crowd of over 80 members enjoyed a very enlightening presentation from Ted Werenski of Richmond Fisheries on everything pond-related, from fish stocking to aquatic weed control to fish surveying. It was especially interesting to learn that those big White Amurs (the triploid grass carp used to eat vegetation in ponds) can get too big to be effective. When asked how to rid a pond of these oversized slackers, Ted replied, "In Missouri we shoot 'em with a .22." A ton of useful information was presented, and everyone came away smarter than when they walked in the room. Great job by Tony Kalina and the Education Committee in arranging the day's education.



Shoot this with a .22 and it might bitch-slap you for waking it up.

On the course, it was all business for the scramble. Mark and his staff had the course in beautiful condition, and it showed with some great scores. Taking top honors with a 59 was the team of **Dave Kohley, Don Ferreri, Rick Wilson, and Tim Scott** (how does that team NOT win?). Second place with 63 in a scorecard playoff was the Ski team—**Larry Tomaszewski, Mark Karczewski, Darin Habenicht-ski, and Ski Runblade-ski.** Closest-to-the-pin winners were **Mark Bobb** and **Kurt Sams**, while **Steve Stewart** won the Straight Drive and **Tim Davis** won Longest Putt. Congrats to all prize-winners! The great day was made possible by many people, including Mark and everyone at Joliet CC, the volunteers who worked registration and scoring, and the generous sponsors whose contributions to our monthly events are so greatly appreciated. Thank you to **BASF, Burris Equipment Company, Chicagoland Turf, DryJect Chicagoland, Harris Golf Cars, JW Turf, Inc./John Deere Golf, Nadler Golf Car Sales—An Authorized Club Car Distributor, Nels J. Johnson Tree Experts, Palatine Oil Co., Inc., Quali-Pro, Reinders, Inc., and Syngenta.** You all rock!



Tim Scott, Rick Wilson, Dave Kohley, and Don Ferreri.



Darin Habenicht, Mark Karczewski, Larry Tomaszewski, and Grant Runblade.



Tim Davis, Mark Bobb, Kurt Sams, and Steve Stewart.

(continued on next page)





.....
CLASSIFIEDS
.....

For Sale:

2 Ryan GA-24's in good condition. Contact **Chuck Anfield** at Heritage Bluffs GC at 815-467-1665 or email him at chuckanfield@hotmail.com. **-OC**



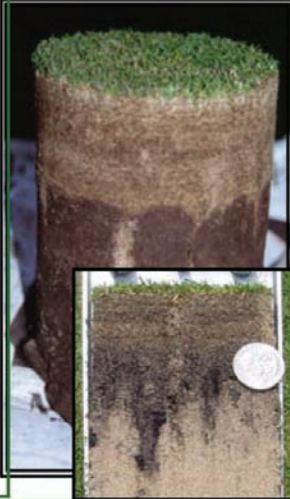
Dirt~n~Turf
Consulting, Inc.

**USGA Physical
Analysis and Quality
Control**

Cultural Management

Soil & Tissue Analysis

**Local - Independent
Irrigation Analysis**



David Marquardt - Consulting Agronomist
630-251-1511 Dave@dirty-n-turf.com
www.dirty-n-turf.com

**S
O
D**

**Sod That Fits Your
Course To A Tee**

All varieties available as washed sod,
traditionally cut sod or big roll sod.

Your Single Source for:

Bentgrass Varieties

- Penncross™ Bentgrass Sod
- Pennlinks™ Bentgrass Sod
- Penneagle™ Bentgrass Sod
- L-93™ Bentgrass Sod

Low Mow Varieties

- XL2000™ Bluegrass Blend
- Bluegrass Fescue Blend

Installation and turf stripping capabilities available.
We can custom grow to your specifications.
Please inquire.



3900 West 167th Street, Markham, IL 60428

708-596-7200

1-800-244-7200

Member:
**Midwest
Sod Council**

WWW.HESOD.COM

Blaze a New Trail!



**Introducing NEW
TrailBlaze Pathway Stone**

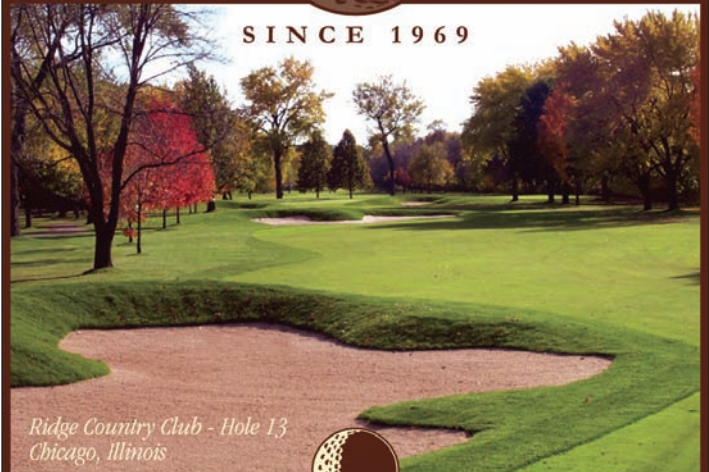
- Rock-solid performance
- Superior firmness for a smooth ride
- Great drainage for fewer puddles
- Attractive, rustic color



Waupaca Sand & Solutions
715-258-8566
www.WaupacaSand.com

**HOLLEMBEAK
CONSTRUCTION INC.**

SINCE 1969



Ridge Country Club - Hole 13
Chicago, Illinois



- Golf Course Construction • Renovations • Bunkers
- Clearing • Feature Grading • Shaping • Drainage
- Tee and Green Construction • Cart Paths • Grassing
- Shoreline Stabilization • Pond Construction and Dredging
- Laser Tee Leveling • GPS Golf Course Mapping

P.O. BOX 103 • BIG ROCK, IL 60511 • 630-556-3891

EDUCATION RECAP

Charles Anfield, CGCS, *Heritage Bluffs Golf Course*



Follow up to Fish Management for Your Golf Course Lakes and Ponds

The MAGCS Members met at Joliet Country Club for the April Meeting, hosted by Mark Kowaliczko (Kov-a-lesh-ko). The education topic for the day was "Fish Management for Your Golf Course Lakes and Ponds" and was presented by Ted Werenski, Fish Biologist of Richmond Fisheries in Richmond, Illinois.

Ted started out his presentation with the question, "Is your lake an asset or an eyesore"?

- Factors influencing lakes include:
- Design and construction of lake
- Fish stocking programs
- Fish surveys
- Bio weed control
- Aeration systems

Design and Construction

The long term performance of the lake will be heavily influenced by the original design of the lake. If it is built correctly, it will be much easier to manage. If not properly constructed, annual problems will occur. The pond should be a minimum of 10-12 feet deep covering 30% of the pond volume. Steeper slopes of a 3:1 grade are best. Shallow depths on the edges often lead to emergent plant problems. This is often where the filamentous algae is formed due to light penetration of the shallow depths. Often times, ponds are built with shallow depths on the edges for safety reasons.

Fish Stocking Programs

Fish are the top of the food chain in a Northern Illinois lake ecosystem. The Largemouth Bass and Bluegill are the preferred species to dominate a lake. It is crucial to the health of the lake to have balance in the number of species, size of populations and overall fish numbers. Periodic stocking may be necessary to maintain optimum population levels. If you avoid stocking, undesirable aquatic growth and unwanted fish may dominate lakes. Fish species available for stocking include: Largemouth Bass, Bluegill, Hybrid Sunfish, Red ear Sunfish, Fathead Minnows, Channel Catfish and Amur Grass Carp. Individual lakes require a balance. A specific fish stocking program is required for each lake.



Mark Kowaliczko

Fish Surveys

A fish survey is important to be able to make a good management decisions. You need to determine the numbers of the fish population. Electrofishing is a method to determine a representative sampling of the lake. The survey can identify numbers of species, sizes, overall numbers and the health and condition of the fish. Electro-fishing is not designed for mass removal of unwanted species or to reduce numbers.

Bio Weed Control

In an attempt to find a less expensive alternative to chemical or mechanical weed control, our Illinois Department of Conservation has authorized the use of sterile grass carp (White Amur). The White Amur is native to northern China and southern Siberia. It has been used throughout the world for biological control of aquatic vegetation. The Triploid White Amur is produced from the normal "Diploid" parents, using state-of-the-art hatchery techniques. It is a certifiably sterile animal and cannot reproduce in nature. It is important to keep the stocking rate appropriate to keep the fish at the desired size. A fish that is too large will not eat algae. It is better to have a larger number of smaller fish. These fish require a permit that is regulated by the Illinois Department of Natural Resources.

Aeration Systems

Aeration systems are designed to circulate water in a lake or pond. This can come in the form of surface aeration such as fountains or bubblers. Subsurface aeration comes in the form of compressor diffusers. These are not as effective in lakes less than 10 feet in depth.

Richmond Fisheries provides professional aquatic management services with special emphasis on fisheries management. Their goal is to assist customers in proper lake management, fish management and aquacultural production. **-OC**

EXPERTISE Included with every agronomic purchase.



We offer a comprehensive selection of industry basic manufacturer products, and LESCO products. Plus the expertise to help answer to help answer what will and won't work on your course. So call, and see how you can **Consider us part of your crew.**

JohnDeere.com/Golf
Agronomic Sales Rep
Nick Mieth, SOW 815-341-4438
Mark Toennies, GSR 618-204-9645



Kerry G. Anderson
Territory Manager

Valent U.S.A. Corporation
4819 Strong Road
Crystal Lake, IL 60014

Office: (847) 910-3130
Fax: (925) 817-5153
Cell: (847) 946-9138
E-Mail: kerry.anderson@valent.com



360 Schaumburg Rd.
Streamwood, IL 60107

(630) 830-7405

FAX (630) 830-9652

**CLAUSS
BROTHERS, Inc.**
GOLF COURSE
CONSTRUCTION AND RENOVATION
LARGE TREE MOVING



Bayer Environmental Science

John Turner
Sr. Sales Specialist - Golf

Tel: 630-443-7807
Fax: 630-443-7839
Mobile: 630-215-6110
john.turner@bayercropscience.com

RIVERWALLS LTD.

P.O. Box 562, Barrington, Illinois 60011

GOLF COURSE ENHANCEMENT

Shoreline Stabilization, Creek Crossings
Stream and Spillway Re-Construction

DARRYL SCOTT BURKETT
C.E.O.

1-888-254-4155
OFFICE: 847-382-9696
FAX: 847-516-0116
MOBILE: 847-366-5400
E-mail: riverwalls@hotmail.com

Since 1968 Division of STL Corp. BUY EXPERIENCE

PROFESSIONAL TURF & ORNAMENTAL PRODUCTS

Douglas Suttor
Midwest Area Manager
Dougs@quali-pro.com

QUALI-PRO
quali-pro.com

616.748.1977 Direct Line
616.403.3983 Cell
616.748.1988 Fax
800.979.8994 Corporate

2740 Sandpiper Lane, Holland, MI 49424

Makhteshim Agan
of North America, Inc.

C.P. ENVIRONMENTAL
ROAD SOLUTIONS

5616 Progress Road
Indianapolis, IN 46242

"WE MAKE TURF STRONGER!"

Cell: 773-315-0293
Office: 317-243-3248
Fax: 317-244-8461
Main Office: 888-888-3615

James Fee
Regional Manager
Chicago

Email: jamesfee7522@yahoo.com
www.cpenvironmental.com

C.P.
Environmental



**KOELPER
GOLF COURSE
CONSTRUCTION
COMPANY**

DARRELL KOELPER
PRESIDENT

GOLF COURSE
CONSTRUCTION & REMODELING

MARENGO, IL

OFFICE: 815-568-8382
FAX: 815-568-1048
HOME: 815-568-6603



**HALLORAN &
YAUCH, INC.**
IRRIGATION
SYSTEMS

28322 Ballard Road
Lake Forest, IL 60045

Telephone: 847-281-9400
Fax: 847-281-9780



Tim Kelly
Sales

630.853.5582

Tree Pruning
Tree Removal
Land Clearing
Stump Removal
Plant Health Care
Lawn Maintenance

P.O. Box 249
Wayne, IL 60184
630.681.8733
www.abbotttreecare.com



*"Golf Course Work
a Specialty"*

LEMONT PAVING CO.

EST. 1957

MURPHY'S

Tracy Murphy

11550 Archer Ave., Lemont, IL 60439
(630) 257-6701 • FAX 630-257-5194



COMMERCIAL TURF & TRACTOR
CONTRACTING, SALES, SERVICE, PARTS

Trust Your Turf to Us!

- Terra Spike® Deep-tine Aeration • Overseeding & Slit Seeding • Core Collecting •
- Greens, Tees, Fairways, Sports Fields • Complete Turf Renovation •



1-800-748-7497 • Bryan Wood, owner
Serving the Industry for over 25 years
Check out our demo and trade-in equipment for sale
www.commercialturfandtractor.com



Master of the Links®

Course Accessories and A Lot More

www.masterofthelinks.com

Toll Free (888) TURF-888
Dan Howard (847) 420-5092
Jan Jarvis (312) 315-4123

On Course and the MAGCS thank our June advertisers.

Abbott Tree Care	J.W. Turf, Inc.
Arthur Clesen, Inc.	John Deere Golf
BASF	Koepler Golf Course Construction
Batteries Plus	Layne Western
Bayer Environmental Science	Lemont Paving
Benkusky	Martin Implement Sales
Brookside Labs	Master of the Links
BTSI	Nels J Johnson Tree Experts
Burriss Equipment Company	Palatine Oil Company
Central Sod Farms	Phoenix Environmental Care
Chicagoland Turf	PHP
Clauss Brothers, Inc.	Prime Turf
Commercial Turf & Tractor	ProGro Solutions
CP Environmental	Quali Pro
CP Environmental	Quali Pro
Dirt-n-Turf	Rabine
Duntelman Turf Farms	Redexim North America
Great Lakes Turf	Reinders Inc
Gruenmann	Riverwalls
H and E Sod Farms	Syngenta
Halloran and Yauch	Valent USA
Hollebeak Construction	Waupaca Sand & Solutions

Valid only on the Jacobsen® Eclipse® 322 Riding Greens Mower

Redeemable from Your Local Dealer

GOOD FOR ONE LIFETIME FREE OF HYDRAULIC LEAKS

Featuring an electric traction drive, electric steering and electric reels, the Eclipse 322 has no hydraulics and no leak points; resulting in lower labor costs, fewer parts to maintain and healthier turf.



**Introducing the industry's
only hydraulic-free riding
greens mower.**

One look at the new Jacobsen® Eclipse® 322 and you'll see a greens mower that's completely hydraulic free and can be customized to meet the specific requirements of your course. There are no oil leaks, valves or hoses to worry about. Instead, it features a programmable frequency of clip, individual reel control, Classic XP™ Reels with Advanced Relief Technology™ and an array of features designed to reduce your operating costs by up to 86%.

***Call and schedule a demonstration
to see the best cutting,
quietest, most efficient,
cost effective tri-plex on the market.
Ask about our low rate financing.***



**Burris Equipment Company
2216 N. Greenbay Road
Waukegan, IL 60087**

**Use the Cost Calculator at www.Eclipse322.com and
see how the Eclipse 322 can help your bottom line.**

JACOBSEN
A Textron Company

When Performance Matters.™



PGA

The Official Turf Equipment Supplier to The PGA of America and
The Exclusive Turf Equipment Supplier to PGA Golf Properties.
© November 2009, Jacobsen, A Textron Company.