



## Teach for GCSAA

Dr. Bruce Branham

and page 115 was graced with this Hallmark moment from **Dan Dinelli, CGCS** of North Shore Country Club.



Dan Dinelli

Another reason MAGCS rocks! And I understand famouser isn't a word, so no calls please.

So...Global Warming. Is it real or just something that sells books? If you believe the U.S. Department of Agriculture, you'd vote for real. In the first time since 1990, they have revised the official plant hardiness zone guide for the nation's 80 million gardeners, reflecting the new reality that the coldest day of the year isn't as cold as it used to be. Translation: Go ahead and plant that palm tree on your course if you are so inclined. Or not.

The much ballyhooed renovation of Mistwood Golf Club (**Ben Kelnhofner** superintendent) has been completed, and the course will re-open in June according to owner Jim McWethy. The course's original designer, Michigan architect Raymond Hearn directed the renovation, the intent of which was to create a destination experience for golfers from Chicagoland and throughout the Midwest. Can't wait to play it—you reading this Ben?

Nick, we hardly knew ya! Nick DeVries has completed his third and final season with the CDGA Turf Program. From all of us who have benefited from Nick's work at Sunshine Course and Golf House, we thank him for his service to our profession.

Congrats to **Steve VanAcker, CGCS** on retaining those four letters after his name by completing the renewal process for Certified Golf Course Superintendent status. A 33-year GCSAA member, Steve has been superintendent at Crystal Lake Country Club since 1991, and has been a CGCS since 1987.



Steve VanAcker

You think WE'VE been having some strange weather? What about Texas? A recent report stated that at least 500 million trees—about 10% of the state's forest cover—have been lost to the late-season drought of 2011. That's more trees than Medinah cut down last year.

By the time you read this the outcome will already be known, but regardless of that here's a shout-out to Skokie Country Club's **Don Cross, CGCS** on being a finalist for TurfNet's Superintendent of the Year Award presented by Syngenta. Also congratulations to **Glenn Bereiter, CGCS** (Aldeen GC), **Scott Pavalko** (Cog Hill G&CC), and **Kirk Spieth** (Beverly CC) on being nominated for the prestigious award, which was previously won by MAGCS members **Paul Voykin** in 2003 and **Sam MacKenzie, CGCS** in 2008.



Don Cross

Another couple of MAGCS members (okay, one is a former MAGCS member) were honored recently by GCSAA and *Golf Digest* magazine as 2011 Environmental Leaders in Golf Award (ELGA) winners. Tom Brodeur of TPC Boston (and former superintendent of Crystal Tree Golf & Country Club) won the award in the National Private category, and **Tom Lively, CGCS** of TPC San Antonio took the honor in the National resort category. Congratulations guys!

(continued on page 23)



## 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](http://www.chicagolandturf.com)

LEADING TURF BRANDS, LOCAL EXPERTISE

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

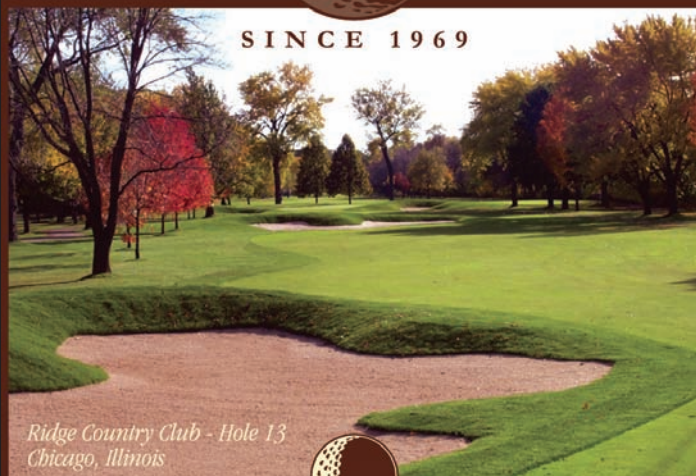
WWW.HESOD.COM

Member:



## 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



**Tome Lively and Tom Brodeur**

.....

The GCSAA Board of Directors has approved the 2012 GCSAA Priority Issues Agenda, which outlines the association's legislative and regulatory priorities. This year's agenda will focus on six areas: The Americans With Disabilities Act, fertilizers, labor and immigration, pesticides, value of golf, and water management. It was also updated to include GCSAA and member activities regarding the H-2B visa program, Clean Water Act NPDES pesticide general permit, and federal disaster tax relief. So there.

.....

Last month once again was Education Central for the golf course industry in our neck of the woods. Kicking things off (and actually in January on the 30<sup>th</sup>) was Chicagoland Turf's (**Brian Baker, Nick Baker, Wally Fuchs, Jason Funderburg, Keith Krause, John Lebedevs, and Bruce Schweiger**) "Success Through Knowledge" seminar which featured presentations by Dr. Richard Latin of Purdue University who spoke on "All you wanted to know about fungicides but were afraid to ask," and Dr. Jim Kerns of the University of Wisconsin at Madison speaking about the "Fundamentals of disease management: What works and what doesn't."



**Dr. Kerns**

.....

And isn't it odd that Dr. Latin, who does his work in The Office and gives educational talks so people can Get Smart, also bears a resemblance to Steve Carrell? Hmmmm...



.....

On February 8<sup>th</sup>, the Chicagoland Association of Golf Course Superintendents (CAGCS) held its Annual Forum at Naperville Country Club with **Tim Anderson** and **Steven Biehl** hosting. The day's program included presentations from **Dr. Bruce Branham** and **Dr. Tom Voigt** from the University of Lousy Football Too, along with **Dan Dinelli's** talk on hosting the Western Amateur last year, and topped off with a panel discussion on irrigation and drainage strategies to minimize turf stress featuring **Dan Marco** (Ruth Lake CC), **Ben McGargill** (Wynstone GC), **Henry Michna** (Winnetka GC), and **Scott Vincent** (Onwentsia Club).

.....

*(continued on next page)*



*Dave Ward moderates the afternoon session at the CAGCS Forum (l to r). Dan Marco, Scott Vincent, Henry Michna and Ben McGargill.*



Then on the 15<sup>th</sup> the Class C Winter Workshop was held at Midwest Golf House, where **Greg Martin, David Esler,** and **David Marquardt** enlightened and entertained the large group of assistants (who left NOT A SCRAP of food for the famished MAGCS Board of Directors which had held its own meeting at the same venue).

And last but certainly not least, on the 16<sup>th</sup> Harrell's (**Chad Hauth, Kevin Fuchs, Pete Kiraly**) held their Winter Education Seminar at the very difficult to find (at least for my assistant) Glen Oak Country Club Gun Club with **Andy Dauksas** hosting. The day featured talks by **John Turner** of Bayer Environmental Science, **Brian Winkel** of Syngenta, Geoff Simril from Hocking International, and **Randy Lusher** of BASF Turf and Ornamental Products.



## FOR SALE

Twin Orchard Country Club has the following items for sale:

2001 Toro 660 Aerifier. . . . .	\$3,000
2002 Toro 660 Aerifier. . . . .	\$3,000
1999 Verti-Drain 7316. . . . .	\$1,000
Set (5) verticut heads for Jacobsen LF-3400 . . . . .	\$2,500
Set (3) verticut heads for Toro Triplex . . . . .	\$300
Set of groomers for Toro 3150 DPA . . . . .	\$500
Set (3) groomers for John Deere 2500E . . . . .	\$500
Two Jacobsen LF-128 backlap hoses. . . . .	\$50
Husky air compressor—7 hp, 240V, 60 gal. . . . .	\$300
Zep parts washer (pump, bin, light only— no solvent or drum) . . . . .	\$200
2009 ATT triplex cassettes (Thatchmaster, Ultragroomer, Sorrell Spiker, and Star Slitter) . . . . .	\$15,000

Contact **Kyle Jacobsen** at 847-438-8499 for more information

-OC

*Rooted in Science*

**FLORATINE**

www.floratine.com

ASTRON  
Aerial Rooting System  
Drive Roots

PERK UP  
Heat Stress Relief

PROTESYN  
Liquid Solution  
Essential Amino Acids

PUSH WATER  
Push Water

CALPHLEX  
Soil Catalyst

RENAISSANCE  
Micronutrient Technology

KNIFE  
Rapid Green

Distributed by:

**GREAT LAKES TURF LLC**

Jeff Mazur - 630.936.3179 Ed Fischer - 847.337.1091  
Marty Heyen - 630.939.0151 Jim Johnson - 616.292.0260

**PRIME TURF**

**Your Single Source for:**

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

**Ask about our NEW 990v!**

**NEW**

- 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

## EDUCATION REVIEW

Charles Anfield, CGCS, *Heritage Bluffs Golf Course*



# MAGCS Assistant Winter Work Shop

*The MAGCS Class C Members met at the Golf House in Lemont for the Assistant Winter Workshop. This event was planned, organized and implemented by the Class C Members. Nick Marfise of Cog Hill Country Club is the Class C Representative for the MAGCS Board. After coffee, donuts and around-the-room-stand-up-introductions it was time to get down to business.*

Dave Marquardt of Dirt-n-Turf Consulting was the first speaker of the day. His topic was "Managing Turf Maladies, Fixing the Problem at the Root." He challenged the Members to pick the best starting point for an agronomic program. Of course he was talking about soil, water and tissue testing data. Things like budgets, staff, equipment, logistics, and expectations will dictate how far a program can/will go. The physical conditions of the soil will dictate the agronomy. Soil chemistry is affected by inputs and the subsequent applications of programs. The turf and profile must work together. The importance of the interaction and balances of major and minor nutrients was discussed.

Dave Esler of Vintage Golf Designs presented "Chicago Architecture Primer". This was an overview of influential Golf Course Architects who have created or worked on courses in the Chicago metro area. From a historical perspective, Dave considers some of these courses as "national treasures."



Dave believes the economics of "over grooming" of courses is not sustainable for the future of golf. "The previous 25 years of golf course design, construction, maintenance and marketing have taken our industry down an unsustainable path. We have an economic and social responsibility make golf more affordable, less maintenance and more fun. Most guys are just looking for camaraderie and a few stiff drinks at the end of the round. Dave explained, "I have had a number of Jesus meetings


with banks and Boards as to how to continue to do business. This current recession with Clubs closing and/or changing hands is a wake- up call. The sh#! has hit the fan."

Greg Martin of Martin Design Partnership presented on "Trends in Golf Course Design, Development and Renovation." Greg continued on the theme of the golf industry changing. Greg made a point of emphasizing that we are in the *golfer*

*(continued on page 27)*







# Dirt~n~Turf

Consulting, Inc.

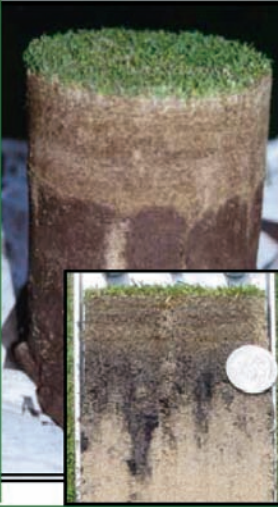
---

**Independent Soil, Tissue and Water Analysis**

**USGA Physical Analysis**

- ◆ Organic matter
- ◆ Percolation rate
- ◆ Pore space study
- ◆ Construction Analysis

*Local ~ Experienced*  
*Here when you need us!*



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

## 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



www.kubota.com

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





*"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





**Water Well Solutions**

Elburn, IL 60119

Lake Villa, IL 60046


[www.wwssg.com](http://www.wwssg.com)

Please contact us 24/7 for all of your water well pump service, well rehabilitation and irrigation pump repair needs.

**M.A.G.C.S Core Sponsor**

**Todd Kerry**  
Office: (888)769-9009  
Cell: (630)201-0749  
E-mail: todd@wwssg.com

**Tim Kelly**  
Office: (888)769-9009  
Cell: (262) 269-6289  
E-mail: tkelly@wwssg.com



**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

## 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.*





business. The players have increasing expectations and are looking for the best facilities that will engage them. There are more and more choices locally for golf. "Just like the skiing industry, we need to create bunny slope courses. We need right sizing for specific players to enhance their experience." Greg cited other trends in the industry that include: renovations, infrastructure improvements and cost benefit analysis. "At this time in the golf industry you need to be committed. The current trends in golf course architecture philosophy are fewer, smaller bunkers. As an organization you need to understand the benefits of improvements

and the potential loss of revenue of ongoing maintenance issues. It is important to do a cost analysis and record labor issues of high maintenance areas."

A lunch of pizza and pop was served and the speakers came back out to answer questions at length about a number of subjects and topics. The attendees then broke up into small groups to answer a trivia quiz for prizes. The event was a good opportunity to network, create new friendships and gain more knowledge of current trends within the industry.

-OC

## Bayer CropScience

**John "JT" Turner**  
Area Sales Manager IV  
Bayer CropScience LP  
Environmental Science / Golf and Lawn  
40 W 665 Campton Woods Drive  
Elburn, IL 60119  
Tel: 630-443-7807  
Mobile: 630-215-6110  
Fax: 630-443-7839  
john.turner@bayer.com  
www.bayer.com



*Results. Expect it.*



Scan to your contacts.  
Download free app  
at gettag.mobi

## CHIP HOUMES

District Sales Manager  
(217) 260-6943 Mobile  
choumes@precisionlab.com

[www.precisionlab.com](http://www.precisionlab.com)



## LAYNE-WESTERN

When in need of professional services for well drilling, well rehabilitation, pump installation and repair, please contact fellow M.A.G.C.S. members at:

**Aurora, IL:** **TOM HEALY** 630-897-6941 office  
708-514-2233 cell  
thealy@laynechristensen.com

**Beecher, IL:** **JOE EISHA** 708-946-2244 office  
708-514-0631 cell  
jeisha@laynechristensen.com

## 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](http://www.commercialturfandtractor.com)



WATER WELL & PUMP SERVICES  
**TODD E. KERRY**  
 SENIOR PROJECT MANAGER

**WESTERN OFFICE:**  
 44W158 Keslinger Rd. Unit B  
 Elburn, IL 60119

**NORTHERN OFFICE:**  
 Lake Villa, IL 60046

**SOUTHERN OFFICE:**  
 Coal City, IL 60416

Toll Free: (888) 769-9009  
 Mobile: (630) 201-0749  
 Fax: (920) 474-4771

E-mail: todd@wwssg.com

www.wwssg.com

## RIVERWALLS LTD.

P.O. Box 562, Barrington, Illinois 60011

### GOLF COURSE ENHANCEMENT

Shoreline Stabilization, Creek Crossings  
 Stream and Spillway Re-Construction  
 Arched Stone Bridges

**DARRYL SCOTT BURKETT**  
 C.E.O.

Since 1968 Division of STL Corp. BUY EXPERIENCE

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

**Spectrum**  
**Technologies, Inc.**  
 "To Measure Is To Know"

Weather Stations  
 Data Loggers  
 Frost Alert Systems  
 Pest Management Tools  
 Irrigation Management Tools  
 Soil Moisture and Compaction Meters  
 pH, EC, and Nitrogen Meters  
 Light and Chlorophyll Meters



**Mike Thurow**  
 President and CEO

12360 S. Industrial Drive East  
 Plainfield, IL 60585

toll free: 800.248.8873  
 phone: 815.436.4440  
 fax: 815.436.4460

mike@specmeters.com  
 www.specmeters.com



28322 Ballard Road  
 Lake Forest, IL 60045

Telephone: 847-281-9400

Fax: 847-281-9780



C/R Oil Seals  
 National Oil Seals  
 Timken Roller Bearings  
 Fafnir Ball Bearings  
 V-Belts

**Call For Free Catalog**

**FREE FREIGHT ON ORDERS OF \$200.00 UP**

**We Ship to Golf Courses Nationwide**

**GUARANTEED SAVINGS!**

**TECH Sales - Golf Course Division**  
 Phone 800-373-6002 Fax 217-443-4848  
 techsales-golfcoursedivision.com

*Specializing in Bedding Plants  
 Large Variety Fall Mums*

**ANTON'S**  
**Greenhouses & Garden Centers**

Rick & Bob Anton  
**ANTON'S OF KENOSHA**  
 9140 Cooper Rd. (51st Ave.)  
 Kenosha, WI 53142  
 414/694-2666

Gary Anton  
**ANTON'S OF EVANSTON**  
 1126 Pitner Avenue  
 Evanston, IL 60202  
 847/864-1134

On Course and the MAGCS thank our March advertisers.

Antons Greenhouses	Layne Western
Arthur Clesen, Inc.	Lemont Paving
BASF	Martin Implement Sales
Bayer Environmental Science	Nadler Golf Car Sales
Brookside Labs	Nels J Johnson Tree Experts
Burriss Equipment Company	Precision Laboratores, Inc.
Chicagoland Turf	ProGro Solutions
Dirt-n-Turf	Redexim North Amercia
H and E Sod Farms	Reinders Inc
Halloran and Yauch	Riverwalls
Harris Golf Car Sales	Spectrum Technologies
Hollembeak Construction	Syngenta
J.W. Turf, Inc.	Valent - Tourney
Koepler Golf Course Construction	Water Well Solutions
Lawn and Landscape Summit	Illinos Division
	Waupaca Sand & Solutions



# Refresh My Memory

- \_\_\_\_\_ 1. A flagellate swimming spore that is produced by the oomycetes (Pythium)
- \_\_\_\_\_ 2. Name a gas that is produced when vegetation is rotting in storage
- \_\_\_\_\_ 3. Which grass in the spring produces seedheads regardless of mowing height
- \_\_\_\_\_ 4. The first cultivated grass
- \_\_\_\_\_ 5. The most important morphological part of the plant to protect in a traffic situation
- \_\_\_\_\_ 6. A frequency increased with lower mowing heights
- \_\_\_\_\_ 7. Utilized to decrease grain
- \_\_\_\_\_ 8. Known as a summer annual grassy weed
- \_\_\_\_\_ 9. Which cultural practice is the most time consuming and expensive
- \_\_\_\_\_ 10. Fertilizer dependent on temperature for release
- \_\_\_\_\_ 11. Nitrogen form most commonly taken up by the plant
- \_\_\_\_\_ 12. Fertilizer dependent of moisture for release
- \_\_\_\_\_ 13. What are three secondary macronutrients
- \_\_\_\_\_ 14. A nutrient important in carbohydrate synthesis
- \_\_\_\_\_ 15. Which element is not an essential plant nutrient

## WORD BANK

- |                       |                     |                       |                     |
|-----------------------|---------------------|-----------------------|---------------------|
| A. Perennial Ryegrass | H. Ammonia          | O. Crown              | V. Crabgrass        |
| B. Nitrogen           | I. Vertical Mowing  | P. Zoospore           | W. Teliospore       |
| C. Phosphorus         | J. Silicon          | Q. Mowing             | X. Core Cultivation |
| D. Topdressing        | K. Annual Bluegrass | R. Sulfur Coated Urea | Y. Calcium          |
| E. Magnesium          | L. Sulfur           | S. Manganese          | Z. Aluminum         |
| F. Organic Fertilizer | M. Ammonium         | T. Nitrate            | 1. Nitrogen gas     |
| G. Potassium          | N. Quackgrass       | U. Red Fescue         | 2. Rolling          |

- Answers
1. R. Zoospore
  2. H. Ammonia
  3. K. Annual Bluegrass
  4. A. Perennial Ryegrass
  5. O. Crown
  6. D. Topdressing
  7. I. Vertical Mowing
  8. V. Crabgrass
  9. Q. Mowing
  10. F. Organic Fertilizer
  11. T. Nitrate
  12. R. Sulfur Coated Urea
  13. Y. Calcium, L. Sulfur, E. Magnesium
  14. G. Potassium
  15. J. Silicon, Z. Aluminum