"BRING US YOUR VISION, AND WE'LL BUILD THE GOLF."

GolfVisions

Golf Course Contractors

Golf Course Managers

Are you planning to remodel or renovate several holes on your golf course? Will you be constructing new tees, greens, bunkers or other features in the not-so-distant future? If so, talk to **GolfVisions**.

GolfVisions and its principals have a proven track record of providing exceptional construction and remodeling services to the golf industry. With a team of experienced personnel, financial resources and premier equipment, GolfVisions stands ready to meet your project's needs today. We will give your project the attention, service and expertise you require to translate your "golf vision" into reality.

OUR MIDWEST EXPERIENCE

- Current/upcoming projects include:
- Hodge Park G.C., Kansas City, MO
- Jackpot Junction, Morton, MN
- Broken Arrow G.C., Lockport, IL
- The Glenview Club, Glenview, IL
- Our principals have guided these local construction efforts, and many more:
- · Worth Municipal G.C., Worth, IL, opened spring 1999
- Settler's Hill G.C., Batavia, IL
- · Maple Meadows G.C., Wood Dale, IL
- · Highland Park C.C., Highland Park, IL
- · The Sanctuary, New Lenox, IL
- Iron Horse G.C., Tuscola, IL
- Sportsman C.C., Northbrook, IL
- Emerald Hills G.C., Sterling, IL
- · Sand Creek C.C., Chesterton, IN
- Des Moines G.C., Des Moines, IA, site of 1999 Senior U.S. Open
- Royal Fox G.C., St. Charles, IL
- · Broken Arrow G.C., Lockport, IL
- White Mountain G.C., Orland Park, IL
- Delbrook G.C., Delavan, WI
- Thornberry Creek G.C., Green Bay, WI
- Sunset Valley C.C., Highland Park, IL
- · Eagle Brook C.C., Geneva, IL
- Brown Deer Park G.C., Milwaukee, WI, site of 1998 Greater
- Milwaukee Open

OUR PHILOSOPHY

At GolfVisions, our priorities are:

Realizing the architect's vision through exceptional shaping and finish grading

• Employing talented and experienced personnel to construct the best golf course infrastructure with attention to:

- Drainage
- Irrigation
- Grassing methodology
- Quality materials
- · Preserving golf course design integrity
- · Providing long-term value to the client
- · Striving to exceed client expectations
- Working with clients in an atmosphere of mutual respect and achieving our clients' goals

GolfVisions' mindset is compatible with that of golf course superintendents. In fact, three of our principals, president Tim Miles, Sr., and vice-presidents Tom Jauch and Doug Long, started out in the golf industry as superintendents. While our experience and reputation are national--our team has done work nationwide and we have an office in Show Low, AZ--we are dedicated to bringing the best of golf to the Midwest.

GolfVisions Corporate 3100 Dundee Road, Suite 208 Northbrook, IL 60062 Phone: 847-412-9990 Fax: 847-412-9996

GolfVisions is a member of the Golf Course Builders Association of America and the GCSAA.

www.golfvisionsllc.com

PRESIDENT, Robert Maibusch (Cheryl) Hinsdale G.C. Home: 630-789-1651, Office: 630-986-1323 VICE PRESIDENT Donald Ferreri (Geri) Seven Bridges G.C. Home: 630-357-7964, Office: 630-852-1746 SECRETARY / TREASURER

Brian Bossert (Pam) Bryn Mawr C.C. Home: 847-492-1138, Office: 847-677-4112

EXECUTIVE SECRETARY George Minnis MAGCS P.O. Box 760 Batavia, IL 60510 Office: 630-406-5356, Fax: 630-406-5456

BOARD Dan Anderson (Catherine) Fox Valley G.C.

Home: 630-554-7786, Office: 630-879-3332 Fred Behnke (Nancy)

Mount Prospect G.C. Home: 773-774-1486, Office: 847-632-9331

Kevin DeRoo (Cheryl) Bartlett Hills G.C. Home: 847-697-0595, Office: 630-483-4991

Jim McNair Orchard Valley G.C. Home: 630-892-8389, Office: 630-907-8998

Luke Strojny (Debbie) Poplar Creek G.C. Home: 630-830-7370, Office: 847-310-3618

Greg Thalmann (Trudi) Fox Run Golf Links Home: 847-394-5410, Office: 847-228-3541

PRESIDENT EMERITUS Kevin Czerkies (Peggy) Sportsman's C.C. Home: 847-949-7074, Office: 847-291-2352

COMMERCIAL REPRESENTATIVE John Anderson Turf Partners Office: 630-231-8441

TURFGRASS ADVISOR Dr. Randy T. Kane University of Illinois & CDGA 630-954-2753

EDITOR: **Cathy Miles Ralston** 276 Lincoln Terrace Buffalo Grove, IL 60089 Phone & Fax: 847-537-7883 E-mail: on_course@hotmail.com CONTRIBUTING EDITOR: **John Gurke**

E-mail: Boomding@aol.com 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 Cours*e credit.

FEATURES

FRONT COVER Odyssey Club



- 4 ON COURSE WITH THE PRESIDENT Bob Maibusch
- 6 Dan Quast & Co. Ready Magnificent Medinah for the "Last Major of the Millennium" Cathy Ralston
- 8 DIRECTOR'S COLUMN Dan Anderson
- 10 SUPER -N- SITE PROFILE: Ray Schei -N- Odyssey Club John Gurke
- 12 FEATURE ARTICLE: Using Composts to Improve Turf Ecology E. Dan Dinelli
- 28 Ask THE "EXPERT": Water, Water, Water . . . Chuck Anfield
- 30 GCSAA News
- 32 Young Wives' Tales
- 34 THE BULL SHEET

John Gurke

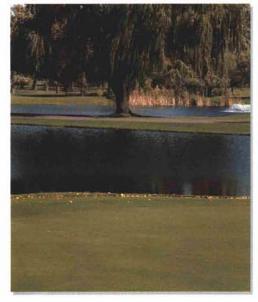
The Midwest Association of Golf Course Superintendents (MAGCS), founded December 24, 1926, is a professional organization whose goals include preservation and dissemination of scientific and practical knowledge pertaining to golf turf maintenance.

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.



Play a round On US. Penne putti



At H&E Sod we don't play around with our bentgrass so you can. All three of our bentgrass

varieties meet the rigid USGA specifications. H&E grows all bentgrass on fumigated, native sandy loam type soil and they are Poa Annua free. **Penncross**[™] is known as the worldwide standard for putting surfaces. It is a fast growing, disease resistant, heat and wear tolerant bent sod.

Pennlinks[™] is a great all purpose, upright growing bentgrass. It is disease resistant and wears like no other putting surface.

Penneagle[™] is a fast growing, dark green creeping bentgrass, which is perfect for tees and fairways.

H&E also grows a variety of great bluegrass blend sods. Our new XL-2000, XL-100, and KY- 33 are second to none for beauty and ease of maintenance.

All H&E bent and bluegrass turfs are available as traditional cut or "Hydro-Cut", in regular or "Big-Roll" sod rolls.

For more information on H & E Sod call, fax, write or visit us on our Web site at www.hesod.com.

General Offices 3900 West 167th Street Markham, IL 60426 708-596-7200 Fax 596-2481



North Suburban Sales Depot & Warehouse 29800 North Highway 12 Wauconda, IL 60084 847-526-2300 Fax 526-2507



REBORDER YOUR FAIRWAYS WITH HUBER RANCH SOD

Reborder all 18 fairways in two weeks with little disruption to play.

Custom harvesting and installation of Big Roll sod.

BAyr Root Big Roll Bentgrass & Bluegrass available.

HUBER RANCH SOD NURSERY

1-800-553-0552

Schneider, IN www.hubersod.com



RapidTurf.

NATURAL GRASS GROWN ON PLASTIC Exclusively Grown in Illinois By

Sod Farms, Inc. 1-800-310-0402

What do a superintendents think about *RapidTurf.* ?

"We've used RediPlay/RapidTurf on four different courses. Sodding 19 greens over a 2¹/₂ week period. Each of these greens was playable inside of two weeks. RediPlay/RapidTurf does not float like washed sod. And since there's no damage in cutting, it roots faster after installation. I highly recommend it!" Tom Jauch "It roots faster than any grass I've seen before. In fact, it began rooting withing two days of installation. We opened in half the normal time. It's great stuff!"

Lawrence Flament, Stonewall Orchard Golf Club

Vice-President GolfVision LLC

Delivered throughout the Midwest by refrigerated truck



Bob Maibusch, CGCS, MG Hinsdale G.C.

ome stretch! As hot and humid as it may get this month, we know that the days are getting shorter and Labor Day is just around the corner. It's just a matter of time before summer stress conditions begin to subside. This is often replaced by a different challenge: fall projects.

If your club is like the one that I manage, then your workload often increases in the fall. At some point summertime becomes routine. We know that we will be faced with the challenges of disease, drought, heat and humidity. As difficult as these may be to manage, they can become mundane challenges.

I remember my first day on the job as an assistant to Dave Ward (now at Olympia Fields C.C.) at Kenosha C.C. in 1979. We met Skip Willms (Onwentsia C.C.), who was then the golf course superintendent at Racine C.C., for lunch. During that meal, Skip told me that I should take advantage of my time as an assistant to learn as much as possible. He also said that once you have been a golf course superintendent for a few years, that the job of

maintaining the golf course becomes routine and that even though it is additional work, you begin to look forward to the challenge of improvement projects. At the time, I could not fathom that the daunting task of maintaining a golf course to highly professional standards would ever be routine. But it is true that over time it does become almost second nature. Projects become a way to interest and sharpen our skills. The added pressures of attempting to complete a project without diminishing the quality of dayto-day maintenance, and getting it all done before the onset of winter, add to the challenge.

I have gained knowledge through the completion of improvement projects that I would never have had the chance to acquire in any other way. It has also afforded a wonderful opportunity to get to know other people in the industry. Our fellow industry professionals, whether they are golf course superintendents, architects, irrigation contractors, shapers, engineers, etc., have a wealth of experience that is readily tapped. I am constantly reminded of how lucky we are to work in an industry where professional courtesies and knowledge are so freely shared. The experience of working with, learning from and getting to know other industry professionals through improvement projects has been invaluable to my growth as a golf course superintendent and has enriched my life personally as well.

A great sense of pride comes from completing a major improvement task and knowing that your facility is a better place because of your diligent efforts and the dedication and cooperation of a great staff and supporting cast of contractors, suppliers and consultants. The

satisfaction of building a winning team and seeing that team accomplish things that might otherwise seem impossible or much too expensive is one of the continuing appeals of our jobs. It is also a good reason for clubs to think twice about replacing an experienced superintendent. An experienced golf course superintendent can usually save his employer significantly more than the higher wage that he has earned. If you have never taken the time to calculate what a project cost your club to implement in-house, as compared to the potential expense of a turnkey operation where everything from project management to the actual work was left to a general contractor, you may be surprised at just how valuable you are to your facility's operation. It is not a bad idea to remind your employer of that value on occasion as well, especially since budget time is approaching for many of us.

abet

Five Floating 22" Decks, One Superior Cut.



Test Drive The Ransomes AR 250 Rotary Mower - Now Available With Side Discharge Decks

See how five independent 22" cutting decks float over uneven terrain without scalping. Compare the precision cut and extra mulching efficiency of exclusive twin-blade "Envirodeck" technology. Experience how easy operation and fast, no-tools cutting height adjustment let you cover more ground, more efficiently. Heavy-duty construction plus power to spare from a big 38-hp Kubota diesel engine make the AR 250 your answer for any mowing challenge. A test drive will prove it. For a cut above the rest, come in or call today.







Dan Quast & Co. Ready Magnificent Medinah for the "Last Major of the Millennium"

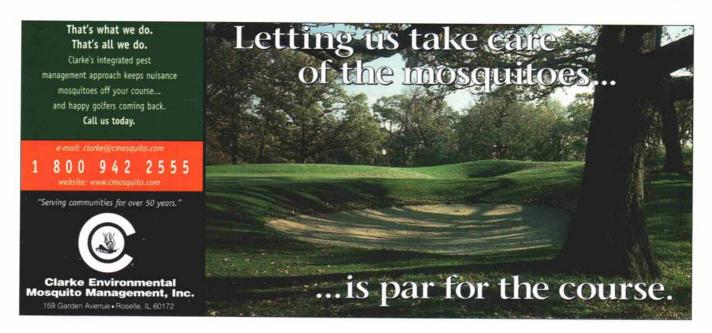
> Dan Quast (pictured here on #17) revamped this par 3, moving the green back from the water's edge so the hole plays 206 yards rather than its previous 165. The old green, with its 5% slope, was unfair and exasperated even the likes of Jack Nicklaus.

Cathy Ralston

7 t's being billed as the "Last Major of the Millennium," and it's being held in our own backyard—so to speak. After all, comparing the fabled Medinah C.C. to anybody's backyard is some sort of sacrilege.

For the last three years, Medinah's grounds manager Dan Quast, CGCS, and his staff have been preparing Course #3Chicagoland's top-rated links and one of the top 20 courses nationwide — for the PGA Championship, which will run here August 9-15.

(continued on page 22)





FULL SERVICE GROUND WATER SPECIALISTS



Meadow Equipment Sales & Service, Inc.

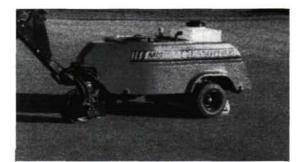
Well Drilling Contractors / Pump Service 27 W. 021 St. Charles Road Carol Stream, IL 60188

- Water Well Drilling
- Pump Sales and Service
- Water Well Sealing & Capping
- Complete Waterwell Systems
- Large Selection of Pumps Line Shaft / Submersible
- Well Rehab & Chlorinations
- Maintenance Programs
- 24 Hour Emergency Service



the Water Flows"

Introducing Landpride Multi Injection Systems



The Only Unit On The Market To Inject Dry Or Liquids To The Root Of The Problem. And Introducing The Star Of The 1998 Masters - SubAir Control The Root Zone Through Science



Give Your Roots Some Air With SubAir Precision Injection Of Dry Or Liquid Amendments With LandPride Exclusively Distributed By: Lewis Equipment 55 E. Palatine Rd. Prospect Heights Il 60070 (847)537-6110 fax:(847)537-5736 Represented By: John Berarducci Call The Bear:(847)367-7728 mobile:(847)347-5105



Dan Anderson

his article is being written during the last couple days of June. What a weird month this has been. June started out with a two-week blast of heat and humidity, then comes a record low. The record was 123 years old. After more heat, we are now in our second cold front of the month. Finally, some time to catch my breath (and time to write this article).

Last fall, I started going back to school to get an MBA. I've already finished two management courses, but my progress is not the subject matter here. I am going to try to articulate some of my thoughts and discoveries on work and education, especially in terms of how they relate to the past and how I see them in the future.

It used to be that if you gave great effort, you were rewarded with job security. That no longer is true. We have shifted from "lifetime employment" to "lifetime employability." You may ask, what is the difference? The difference is that what used to be a lifetime job is now just an opportunity to work. Years of faithful service can be meaningless. Our employers constantly ask, "Is he/she employable?" Has the superintendent grown enough to take advantage of new technologies, research, chemicals and equipment? Is the superintendent a liability or an asset? Let's hope for the latter.

Here I must give credit to all greenkeepers and superintendents, and those striving to become one. Our profession has always embraced education. Whether through formal training, networking or socializing, this profession has continually looked to do the job cheaper, faster or better. We constantly strive to improve. We are very seldom satisfied and we are our own worst critics. This will serve us well in the future if we maintain these work and learning ethics.

Why do we do this? It's not because we're overpaid, overappreciated and underworked; quite the contrary. It's because we have great pride in ourselves and our work.

I decided to get into this business after reading an article written by a superintendent that was among the literature in my high school counselor's office. The superintendent explained his feelings about being one-his love for nature, and the joy of being able to see the dawning of each new day at his course. This man had great pride. Being a superintendent wasn't about a job for money, it was about a job he loved: about a job where he constantly strove to improve course conditions while educating himself in his trade.

Today, we are lucky to have so many educational opportunities available. I doubt you need me to list any, but here are some options:

- National association meetings, seminars, books, videos, etc.
- Local association meetings, seminars, outings
- Turf schools' short courses
- The Internet
- Colleges and junior colleges
- Trade publications
- Playing another golf course
- Social gatherings with your peers

Don't underestimate the last two, either; many times I have found that I have learned some of the most valuable information in an informal setting. An old friend once told me, "The day you stop learning, you might as well be dead;" though I don't totally agree with him, he does have a point. Life is a continuous learning process. So if you're interested in some fun, learning and socializing, I look forward to seeing you at our next meetings, at the Odyssey Club on August 17 and at Bull Valley on September 13. As Golf Committee chairman, I would like to thank all the volunteers, including the hosting superintendents and their staff. They are the reason we can host our events-and offer formal and informal educational opportunities. All

TORO. Reelmaster 5200D/5400D

Variable speed fairway mower provides a superb quality of cut with two powerful diesel engine choices - 28hp or 35hp.

> 630-773-5555 FAX 630-773-4273

Reelmaster[®] 3100-D with Sidewinder Cutting Units

Mr. Mr. A. M. A. M. Turf & Irrigation Inc.

TORO

The next generation Reelmaster! Cutting units slide left to right for greater cutting capability and maneuverability.

> 630-773-5555 FAX 630-773-4273

1170 W. Ardmore • Itasca, Illinois 60143

SUPER -N- SITE PROFILE

Ray Schei -N- Odyssey Club

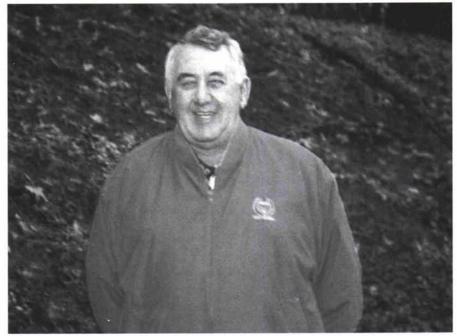
John Gurke

ay Schei is hosting his LAST meeting! Our long-time friend and MAGCS member has been more than generous in the past by hosting "a @#%*load" of meetings at the several clubs he's been associated with, and is now ready to pass the torch.

Ray began his illustrious working for Marv career Greuning as assistant superintendent of the Midwest Club in 1952. In 1962, Ray took his first superintendent's position at Acacia C.C., where he remained until 1968. From there, Ray went on to Plum Tree National until 1972, when he left for the greener pastures of Fox Lake C.C.

In 1976, Ray moved on to Ruth Lake C.C., serving as superintendent there until 1987. The opportunity to grow-in an Arnold Palmer signature course took Ray to White Eagle from 1987 to 1990, when he made his last move to Odyssey Club. This will be the second MAGCS meeting at Odyssey, and Ray will undoubtedly have the course in immaculate condition.

On the personal front, Ray is married to Betty, his devoted wife since 1955. They have two children and two grandchildren. Ray's parting thoughts in our interview were to encourage other MAGCS members who have not hosted a meeting to do so. According to Ray, it's a great motivation to attend to all of those details that can get lost in the shuffle of a busy summer, and to give a little back to your association. We all look forward to seeing our friend Ray on August 17. August



Ray Schei



Over 100 Chicago-Area golf courses have now chosen FINES FREE- TOPDRESSING!

Why go Fines Free? It's the only topdressing sand available that is engineered specifically for use on golf course greens.

For more details or pricing information, call Jim, Brett or Curt: **715-258-8566**