CUSHMAN® SPRAYTEKTM DS-175, DS-300

Dedicated Sprayers



CUSHMAN





illinois lawn equipment inc.

800-942-8610

Established 1954



2002 BOARD OF DIRECTORS

PRESIDENT

Luke Strojny, Poplar Creek G.C. Home: 630-830-7370, Office: 847-310-3618 E-mail: lukes40@juno.com

VICE PRESIDENT

Kevin DeRoo, Bartlett Hills G.C. Home: 847-697-0595, Office: 630-483-4991 E-mail: kdroo@juno.com

SECRETARY / TREASURER

Fred Behnke, Mount Prospect G.C. Home: 773-774-1486, Office: 847-632-9331 E-mail: Fbehnke@juno.com

EXECUTIVE SECRETARY

George Minnis

MAGCS P.O. Box 760, Batavia, IL 60510 Office: 630-406-5356, Fax: 630-406-5456 E-mail: geo@magcs.org

BOARD

Tim Anderson, Prestwick C.C.

Home: 630-718-9601, Office: 815-469-5903

E-mail: tjanderso@aol.com

Dave Braasch, Glen Erin G.C. Home: 608-373-7081, Office: 608-346-9009

E-mail: junior12i@aol.com

Luke Cella, Tamarack G.C.

Home: 630-208-0721, Office: 630-904-4000, x218

E-mail: lukecella@att.net

Gary Hearn, Salt Creek G.C.

Home: 630-350-2634, Office: 630-773-4790

E-mail: scgaryhgc@aol.com

Michael Mumper, Park Ridge C.C. Home: 773-248-8683, Office: 847-823-8682

E-mail: mumps55@aol.com

Phil Zeinert, Elgin C.C.

Home: 815-748-5730, Office: 847-622-4823

E-mail: Zeinert5@tbcnet.com

PRESIDENT EMERITUS

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

E-mail: briancgcs@aol.com

COMMERCIAL REPRESENTATIVE

Paul Yerkes, LESCO Inc. Office: 630-904-5255 E-mail: sls133@lesco.com

TURFGRASS ADVISOR

Dr. Randy T. Kane University of Illinois & CDGA 630-257-2005

EDITOR

Cathy Miles Ralston

68 S. Waterford Drive Round Lake, IL 60073 Phone & Fax: 847-740-0962 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 Course* credit.

FRONT COVER

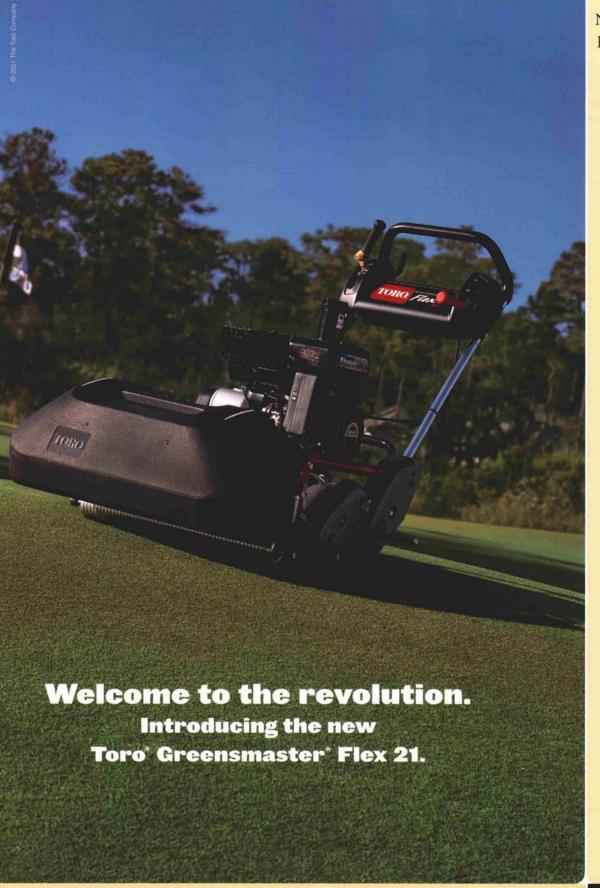
Approach to no. 6 at the Merit Club. (Photo by Jim Trzinski)

- 3 ON COURSE WITH THE PRESIDENT
 Batter Up!
 Luke Strojny
- 5 DIRECTOR'S COLUMN
 Friendship by Committee
- 9 SUPER -N- SITE Oscar Miles -N- Merit Club
- 14 FEATURE ARTICLE
 Ozone Action Days in
 Golf Course Management
- 21 ASK THE "EXPERT"
 Get Pumped! Case Studies
 in Pump-Station Replacement
 Jon Jennings
- 30 THE BULL SHEET
- 36 TRIBUTE
 Ray Kearney
- 37 FROM THE GCSAA
 GCSAA Implements New
 Member Database System
- 39 THE VOICE OF EXPERIENCE
- 39 BOARD HIGHLIGHTS
- 40 THE WAY WE WERE
 Horace Heat and Herman Humidity:
 Then, and Now
- 43 MIDWEST PERSONALITIES

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.



Now there's a way to get better looking, better playing greens.



The key, a flexible cutting unit that follows the undulations of the green, allowing you to cut as low as 1/16" with virtually no scalping or marking.



A single control lever to engage both the traction and reel.



A cutting unit that comes off by removing two bolts for easy grinding and changing of reels after topdressing.

Call for a free demonstration. We'd like to show you what the revolutionary new Flex 21 greensmower from Toro can do on your own course, on your toughest green.





ON COURSE WITH THE PRESIDENT Luke Strojny, CGCS Poplar Creek G.C.



Batter Up!

Believe it or not, one of the most difficult things about being president of the Midwest is writing a monthly message. I have been struggling to come up with some inspirational subject that would set the golf course maintenance community on fire. Well, guess what? It's not happening! So what will be this month's subject? BASEBALL—or, to be exact, the similarities between running a golf course and coaching a little-league team.

To start off, I'd like to say that I love my job and coaching baseball but as with anything in life, there are those times that they both drive me crazy. For example, during a recent frost delay in May, a golfer asked me how long it would be before play would begin. My response was, "Three hours." (It happened to be around 6:00 a.m.) I might as well have hit him in the face. This guy couldn't believe it was going to take three hours for the frost to melt. I then told him that if I had said "30 minutes" and the frost hadn't melted, he would most likely be more upset with me since I am the one responsible for the frost in the first place; however, if I got the course open before the three hours was up, he would be happy.

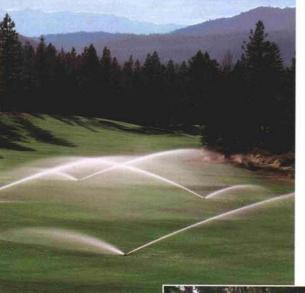
This is much like dealing with the parents who are living their baseball career through their kids. I was involved in a situation a couple days ago. The game I was coaching went into extra innings. Our pitcher gave up two runs in the top of the seventh. The kid was tired and had to be pulled. We were forced to use one of our star pitchers for two-thirds of an inning. I wanted to save the kid for the next day's game, but I also wanted to win the game we were playing. Let me tell you, having junior pitch for two-thirds of an inning did not sit well with his father. According to him, it was a sin to waste his son's talents at that juncture—he should have been put in a lot sooner. I explained what I was trying to accomplish but he, like Mr. Frost Delay, was not going to listen. You cannot please everyone all the time!

Another parallel between golfers and kids in little league is that both don't listen or maybe they simply hear only what they want to hear. How many times do you get that deer-in-the-headlights look when, after 2.5" of rain, you tell Mr. Cart Paths Only to stay on the path rather than drive through every puddle of water to get to his ball? It's remarkably similar to when I have to tell Johnny 10 times not to swing the bat in the dugout and he gives me that same look, like I am speaking Chinese to him.

The last similarity I'd like to discuss is garbage. When I was young, I was taught not to litter. Some of you must remember "Don't be a litter bug." What ever happened to that concept? It seems that we are spending an increasing amount of time picking up trash on the course, even though there are garbage cans everywhere. I have no choice but to think that people, in general, don't like to throw garbage in the "proper receptacle." It's much easier to throw it on the ground. Those of you who have never had the pleasure of spending some time in a little-league dugout won't understand the common denomina
(continued on page 34)

... I love my job
and coaching
baseball but as
with anything in
life, there are
those times that
they both drive
me crazy.

ONE CALL HANDLES IT ALL JOHN DEERE LANDSCAPES



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

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

Renovation or new construction? John Deere Landscapes features the industry's most advanced irrigation management tools to control water, labor

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



Irrigation Systems Featuring Hunter Golf

Reliable rotors, valves, central control systems, maintenance radios

Pump Stations Customized for your course

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

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

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

More Than 220 Branches Nationwide



www.JohnDeereLandscapes.com

Professional Irrigation System

Repairs, Renovations, New Construction

On-Site Consultation: 800-642-3706

DIRECTOR'S COLUMN

Luke Cella, CGCS Tamarack Golf Club



Friendship by Committee

Where did you make your friends? I'll bet you know where you made your foes. As I think about my friends in life, most were made through association. My childhood friends lived on or near the same block. We all went to the same school, oftentimes traversing through alleys together to get to our destination faster. We emulated our sporting heroes with the changing seasons, made up rules to our own games, and always argued that we had last wraps when there was a chance to tie, or begged for 10 more minutes when the street lights began to flicker.

We shared similar challenges and trials throughout our early lives. We defined each other and ourselves through unrehearsed reactions to different tests. As we grew older and our environments changed, so did our friendships. New friends were made in high school, on sporting teams and on dormitory floors in college. We found friends through new interactions and associations.

As we grow older, the cycle continues. I am fortunate that I have many friends in my life. I continue to meet new people, but as I grow older, the opportunities to make somebody's acquaintance decrease. My commitments have changed from my own to my family's. Gatherings with old friends have given way to five-minute cell-phone calls, and I certainly don't need to mention the constraints of my professional life as we head into summer.

However, I will mention the profession I have chosen. Why is the weather always a topic of conversation among complete strangers? Because it is a phenomenon everyone experiences; it is a commonality. Think about our chosen profession. Most of us share personal qualities; we like what we do, we enjoy the outdoors, we are self-starters, organized and driven. We experience similar problems and find many different solutions. There is an inherent camaraderie prevalent throughout our Association. The question is: how do you share that camaraderie? The answer is: through friendship. The place to make new acquaintances and friends is through our Association. The MAGCS offers each member many opportunities to meet new people.

Our Association offers one forum in particular where membership has a chance to work closely with others and a chance to make new friends. Committees are that place. We currently have 12 committees:

Our Association offers one forum in particular where membership has a chance to work closely with others and a chance to make new friends. Committees are that place.

- Scholarship
- Employment
- Arrangements
- · Golf
- Education
- Membership
- Environmental
- Long-Range Planning
- Public Relations
- Editorial
- · By-Laws/Nominating
- Benevolence

By joining a committee, a member enjoys the opportunity to meet other members a few more times throughout the year beyond our monthly meetings. Most of each committee's work is accomplished during our slow season; moreover, the more committee members we have, the less daunting the responsibilities each individual must commit to accomplish.

(continued on page 38)



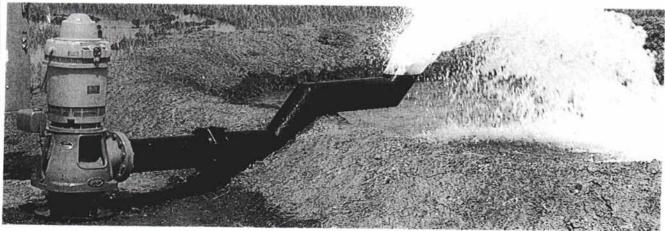
ONE WAY TO IMPROVE YOUR WELL EFFICIENCY



The normal operation of any water pumping system inevitably lead to less efficient well production due to pump war and well plugging.

At Layne-Western we have the resources and expertise to provide you with innovative solutions to keep your water pumping system operating at peak efficiency. Our complete repair and maintenance services help guard against costly breakdowns and quickly solve problems that arise.

Call the Layne professionals with over 100 years of experience in the water supply industry.



Layne-Western Company

721 West Illinois Avenue • Aurora, Illinois 60506 • 630/897-6941 229 West Indiana Avenue • Beecher, Illinois 60401 • 708/946-2244



"One call does it all"



847-358-3600

P.O. Box 985, Palatine, IL 60078



Charles J. Fiore Company, Inc.

The Landscaper's Nursery Center

Chicagoland's Largest Selection of Premium Grade Plant Materials

OVER 800 VARIETIES OF TREES, SHRUBS, EVERGREENS, GROUNDCOVERS, AND PERENNIALS READY FOR YOUR IMMEDIATE PICK-UP OR DELIVERY

16606 W. Hwy. 22 Prairie View, IL 60069 (847) 913-1414 FAX (847) 913-9690

Hollembeak Construction, Inc. **Golf Course Construction and Remodeling** "We believe in a quality job and take pride in our finished product." New Construction Pond Construction Feature Shaping Boulder Features Bunker Sand Replacement Cart Paths Pond Dredging Drainage P,O, Box 103 Mike Hollembeak Big Rock, Illinois 60511 Jeff Hollembeak Phone (630) 556-3891



any more advanced and it would be a government secret.

Lebanon Turf Product's exclusive Composite Technology™ Country Club® and IsoTek³¹® fertilizers offer you the best in controlled release nitrogen. Composite Technology delivers better particle dispersion, better particle integrity and the highest nitrogen activity of any homogeneous fertilizer made. For more information on IsoTek³¹ or Composite Technology Country Club contact your local Lebanon Distributor or call 1-800-233-0628.

C O M P O S I T E



Oscar Miles -N-





Oscar Miles.

Oscar Miles, superintendent of the Merit Club, has more experience than I have room for in my small article. I will try my best to display the side of "O" that I had the pleasure of experiencing during our rainy-day phone interview.

The 325-acre
Merit Club was
well-planned,
constructed without
cutting any corners.
Oscar had significant
input into the course's
design and infrastructure, bringing
30 years' accumulated
knowledge and
experience to bear
on the project.

While Joel Purpur was busy building the Ark, Oscar and I conversed as the Merit Club shrugged off 2" of rain and had little concern for the radar, which gave every indication we were in for an entire day's worth of soaking. "We needed it," Oscar stated calmly, while Joel was furiously herding pairs of two inside the partially completed structure. Yes, the Merit Club is a superintendent's dream, capable of handling 8" of rain in a 24-hour period.

Mr. Miles was born on November 28, 1939, in Quincy, Illinois. He was number eight of 10 children; they named him Oscar after his father. Those 10 children kept the Miles parents on their toes; Oscar's father lived to be 87 while his mother racked up 97 self-sufficient years. Three of the ten Miles children became superintendents. Oliver Miles was in charge of seven golf courses as the superintendent of the Cook County Forest Preserve courses. Oliver also taught one of the area's first turf courses at a local college. Many superintendents in the area have had Oliver as an instructor. One of Oscar's younger brothers, Timothy J. Miles, is the president of GolfVisions and the father of our cherished editor, Cathy Miles Ralston. Oscar's son Brent is assistant superintendent at Heather Ridge.

Quincy was not always the Mecca of recreation it is today. When Oscar was younger, he would drive his 1957 Ford with the sky top on the cruise from Detter's Dairy to Maid Rite to A & W. From there, it was down to Sambo's; when the Sambo's went cold, he would continue the cruise path, which returned to the Maid Rite. The guys would pursue showing off their cars, looking for company, from dark to eleven o'clock or so, hanging out on the front bumper showing off their sound systems. Finding a girl to take to the local passion pit was the goal of this cruise. Some nights were better than others in Quincy, Illinois.

Oscar's days of cruising Quincy and picking up girls ended with the happenstance of meeting Mardelle. Oscar met Mardelle at Cedar Crest C.C. in (continued on page 10)

1962 while he was superintendent at Quincy Country Club. Mardelle had been at Cedar Crest for a function: the details are sketchy, however, Oscar asked Mardelle to dance and the romance was kicked in gear to the "twist." They were wed on January 19, 1963, while Oscar was on active duty with the Army Reserve. Next year will be their 40-year anniversary. Oscar and Mardelle have three children: Brent, the youngest; Judy, who has two children; and Sue, who also has two children. This year, Oscar will join the great-grandparent ranks as his granddaughter, Jessica, is expecting a child in November.

Oscar left Quincy after working at Westview Golf Course. Oscar was urged by pro-superintendent Scottie Glasgow and Dr. Fred Grau to go to Penn State University to acquire a formal education. In 1961, Oscar graduated Penn State and left to intern under Robert M. Williams at Bob O'Link. With a PSU Turf Management certificate in hand, he went back to Quincy and took over Quincy Country Club. He was now superintendent of a club he had only been to once, in 1955, to see Sam Snead and Dutch Harrison give an exhibition. Oscar was so intimidated by the country club of Quincy that he wouldn't even park his car, a 1949 Nash, in the parking lot. He left Quincy C.C. in 1964 and, at the ripe age of 24 years old, he was the



Pictured at the July 2001 wedding of Oscar's granddaughter Jessica are, back row (L to R), Oscar, son Brent and son-in-law Terry; front row (L to R), wife Mardelle, granddaughters Annie, Nicole and Jessica, Jessica's husband Oliver, daughter Sue, grandson Jamie and daughter Judy.

youngest "fish" in the Chicago "big pond" of upper-tier superintendents when he took over the helm of Olympia Fields. Warren Bidwell was the outgoing superintendent and Warren left some big shoes to fill for young Oscar.

Oscar left Olympia Fields in 1975 after he made a stunning "leisure suit" impression at Broadmoor Country Club. Times were different then, and Oscar doesn't necessarily think that wearing a green

jacket and checkered pants to an interview would fly today, but it worked then, and off to Indianapolis he went. Broadmoor was where Oscar claims he really learned how to grow grass. He was more mature, relaxed and respected. He was treated well by the members, who included him in every event except the club championship. That would make sense as he was proud of a 3 handicap. One member gave "O" a bit of advice, saying, "You would be a big winner in money games if you were a 7 handicap." Oscar took his advice and stopped killing himself in a quest to be a scratch player; rather, he enjoyed his abilities as a good player. One day, a member made Oscar a proposition, "We don't want to see you lose any money in our games, so I will cover your bets, and you give me 20% of your winnings." That took a lot of pressure off "O" and after that, Oscar usually came out a big winner with a wad of cash to prove it.

It was the summer of 1979 and through the tragedy of C-15 decline, Oscar was back in Chicago as superintendent of Butler National. His first Western Open at Butler loomed only 10 months away. But Oscar had prepared for two previous Westerns, at Olympia Fields in 1968



Volunteers Ken Schar and Roy Wellman manage 20 bluebird nesting boxes on the golf course.