

# Use Less Fungicide Per Application\*, Cut Your Costs, And Get Greener, Healthier Grass, Too.



Thanks to its exclusive Super Weather Stik™ formulation, Daconil Ultrex® fungicide sticks and stays so well, you can use it at much lower rates\* on a regular 7 to 10 day, preventative schedule for more consistent disease protection. You use less fungicide per application, you can cut your use

of systemics for lower total fungicide cost, and you get greener, healthier grass, guaranteed.† Just ask your distributor for all the details. Daconil Ultrex reduced rate spraying. It could put you on a better course than ever before.

Always follow label directions carefully when using turf and ornamentals plant protection products. \*For best results, we recommend using 20% lower application rates on a 7-10 day schedule. Section 12(a)(2)(G) of FIFRA provides that it is unlawful for any person "to use any registered pesticide in a manner inconsistent with its labeling"; quoted language is defined in section 2(ee) of FIFRA and expressly excludes the act of "applying a pesticide at any dosage, concentration, or frequency less than that specified on the labeling unless the labeling specifically prohibits deviation from the specified dosage, concentration, or frequency." Thus, in the absence of specific label prohibitions, it is not unlawful under section 12(a)(2)(G) to use a registered pesticide at a dosage, concentration, or frequency less than that specified on the labeling of the pesticide. User must have label in possession when applying these rates.

† If you're not happy with the results you get, we'll give you enough Daconil Ultrex to respray your course once using your old program.

For a copy of our Daconil Ultrex Super Weather Stik Guarantee, write to Daconil Ultrex Guarantee, ISK Biosciences Corporation, Turf & Specialty Products, 1523 Johnson Ferry Rd., Suite 250, Marietta, Georgia 30062.

© Registered trademark of ISK Biosciences Corporation. ™ Trademark of ISK Biosciences Corporation.

# Planning for the Future: The Turfgrass Industry and the University of Illinois

*Bruce Branham  
University of Illinois  
Dept. Natural Resources and  
Environmental Sciences*

**H**ow will the turfgrass industry look in 5, 10, and 20 years from now? What will the job of a superintendent be 20 years from today? One thing we know with certainty is that change is a constant in our ever more technical society. So, we know change will occur, but our guess is that none of us can predict what that change will be.

While we can't predict the future, we can help shape it by the actions we now take. Therefore, at the University of Illinois, we have undertaken a strategic planning process to help chart the future

directions of our program. If our program was physics or mathematics, we would undoubtedly develop our plan strictly based on our internal stakeholders. However, the turfgrass program at the U of I is strongly tied to the Illinois turfgrass industry. We must include the industry in our strategic planning process.

We will work with the Illinois Turfgrass Foundation Board to get their input on how the U of I should partner with the ITF and the turf industry of Illinois. But we would like to see more involvement and input than just the elected board of the ITF. As turf managers, you can make a valuable contribution to this partnership by expressing your ideas. The "eyes" and "ears" of the Illinois turfgrass

industry are the turfgrass managers. By responding to our request for input, you can help shape the future of the Illinois turfgrass industry.

What do you want the University of Illinois turfgrass group to provide you? How can our group strengthen the turfgrass industry in Illinois? We need your ideas, your vision of how the turfgrass industry of Illinois should grow and develop so that it is a model of University/industry partnership. We truly believe that a strong University/industry partnership will add tremendous strength and visibility to our industry.

Change is occurring in the turfgrass industry. The GCSAA is becoming more involved in sup-

*(continued on page 24)*

## Hollembeak Construction, Inc. Golf Course Construction and Remodeling

*"We believe in a quality job and take pride in our finished product."*

- New Construction
- Feature Shaping
- Bunker Sand Replacement
- Pond Dredging
- Pond Construction
- Boulder Features
- Cart Paths
- Drainage

Mike Hollembeak

P.O. Box 103  
Big Rock, Illinois 60511  
Phone (630) 556-3891

Jeff Hollembeak





## 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



**Authorized Sales and Service for  
Leading Pump Manufacturers**

**WHEATON:** (630) 231-6250  
**ST. CHARLES:** (630) 584-6210  
**TOLL FREE:** (800) 704-2415

*"Where Meadow Goes,  
the Water Flows"*

# MILLCREEK TOP DRESSERS

**An Easy Way to Dispose  
of Grass Clippings...  
And Save Money**



In one easy step, eliminate costly dumping fees and improve the rough by spreading grass clippings still enriched with precious fertilizer. Millcreek's Top Dressers are equipped with an adjustable undershot poly brush designed to evenly distribute top dressing from three to ten feet wide.

**The spreading uses of these Top Dressers are endless:**

- |                |                   |
|----------------|-------------------|
| • Fertilizer   | • Sand            |
| • Top Dressing | • Grass Clippings |
| • Seed         | • Compost         |

Models are available with PTO or Engine Drive.

For More Information, please contact:

**Avery Harris**

**LEWIS EQUIPMENT**  
**(847) 537-6110**

55 East Palatine Road  
Prospect Heights, IL 60070  
FAX (847) 537-5736

Distributor of:  
**MILLCREEK**  
TURF PRODUCTS



## Planning for the Future: . . .

(continued from page 22)

porting University research, the United States Golf Association has developed a strong competitive research program, and state turfgrass foundations have increased their fund-raising activities.

While research is very important to advancing our industry, we must remember that universities provide several other important functions in addition to research. Undergraduate education is a very important mission of each university, and we would argue that training top-quality students is the lifeblood of the turfgrass industry. Many superintendents complain about the numbers of students training to be superintendents. How shortsighted! This is the sign of a vital, growing industry. It also creates competition, which most people agree is good for the industry.

Universities also provide continuing education, an area that may change dramatically in the future as the Internet shapes the way information is transmitted. At the University of Illinois, we currently develop and present an annual turfgrass field day, the NCTE, and Illinois-Indiana turfgrass short course. A web page was recently developed; and publications such as the "Turfgrass Tips," extension bulletins, and other written documents are all part of the U of I outreach program.

We think it is clear that the turfgrass industry will look much different 20 years from now than it does today. Where should the Illinois turfgrass industry fit in the national and international scene? Do we want to be one of the leading industries in the country? Most people would say yes to that question.

Our question to you is how do we get there from here? We want your input; you can reach us by phone, fax, or e-mail with your comments. Thank you for your help on this important project.

Bruce Branham  
(217) 333-7848 (phone/fax)  
bbranham@uiuc.edu (e-mail)

Tom Fermainian  
(217) 244-5147 (phone)  
(217) 244-3219 (fax)  
fermo@uiuc.edu (e-mail)

Andrew Hamblin  
(217) 333-5595 (phone)  
(217) 244-3219 (fax)  
hamblin@uiuc.edu (e-mail)

Tom Voigt  
(217) 333-7847 (phone)  
(217) 244-3219 (fax)  
voigt@kbml.hort.uiuc.edu  
(e-mail)

Henry Wilkinson  
(217) 333-8707 (phone/fax)  
hwilkins@uiuc.edu (e-mail) ■

## Director's Column

(continued from page 8)

groundwork was laid already; the MAGCS call letters have been reserved for us when we are ready to have our own site. This is certainly not my area of expertise, and I'm pestering pros like Nick Hongisto for help. If any other Internet surfers would care to lend their experience, please give me a call. I hope we'll be online before the season gets into full gear.

In closing, I hope 1998 is a good year for everyone. Enjoy the last little bit of the off-season, and we'll see you at the first golf event on April 27 at Schaumburg Golf Club, the annual opening scramble. ■

# Go wild.

Surround yourself with the brilliant colors of Lofts Pinto® brand Wild Flower Seed. Lofts' wild flowers add natural beauty to golf courses, roadsides, parks, industrial sites, reclamation areas, estates and in your own back yard. We can even custom mix your flowers with our native grasses according to your geographical area, soil conditions or specific needs. So splash a little color on your landscape with Lofts Wild Flower Seed.

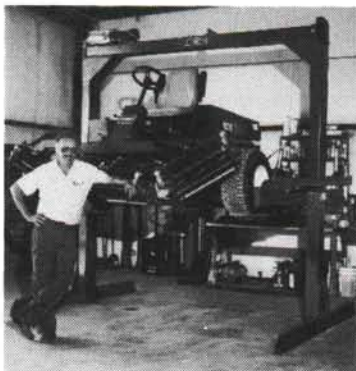
- 100% wild flower seed mixture (no fillers)
- Beautifies natural areas, borders and banks
- Excellent color with low maintenance
- Grows in a wide range of climates

**Call Lofts Seed toll-free at 1-888-LOFTS CO**



*Where Great Grass Begins*

**"I never want to work without a TRION™ LIFT again!"**



"Before, it was almost impossible to see what I was doing, let alone repair it. Now everything is right where I can see it . . . sitting down!"

"I can save an hour or more a day on maintenance time."

Ed Ward  
Head Mechanic, Highland Hills Municipal G.C.

**THE ONLY LIFT SPECIFICALLY DESIGNED FOR GOLF COURSE EQUIPMENT**

■ Several models available to lift all 3- and 4-wheel golf equipment up to 2,600 lbs.

**(815) 469-8500**  
**(708) 301-8500**



**PRECISION BLENDED TOP DRESSING**

Custom blended to your specifications by our modern equipment.

*Buy when you need —  
Eliminate costly storage*

We sell an air-dried, uniform and free flowing top dressing.

ASK THE MAN WHO HAS USED IT.

**HENRY FRENZER**

Area Code 847  
658-5303

620 Webster St.  
Algonquin, IL  
60102

**TOUGH AS NAILS**



New Holland Super Boom™ skid-steer loaders are the toughest in the business. That's because they're more durable, reliable and easier to service than any machine on the market.



**MARTIN IMPLEMENT SALES, INC.**  
16400 S. 104th Ave.  
Orland Park, IL 60462



**(708) 349-8430**

**TAKE CONTROL OF YOUR TURF !**



Are grubbing skunks causing thousands of dollars worth of damage to your course?  
Are beavers having a field day with your freshly planted trees?

**On Target Animal Damage Control.**  
Specializes in the selective control of grubbing skunks and beaver removal. Our control methods have proven to be 100% effective in major golf courses in the Chicago area. Stop spending thousands of dollars on insecticides intended to control the grubs.

**ON TARGET A.D.C.**  
P.O. BOX 469 CORTLAND, IL 60112  
815-286-3039



# Get Out, and Stay Out! We Did, and We Will!

John Gurke, CGCS  
Aurora C.C.

**H**asty decisions are not always the most intelligent ones, as was the case with Team Chicago, a group of local superintendents and assistants who thought it would be fun to participate in the 4th Annual Golf Course Hockey Challenge in Niagara, New York. After pondering the idea for a good minute or two, Team Chicago was formed and committed to make the trip to the Northeast for the two-day tournament founded by some real hockey players (some of whom are actually in the golf course business). The team was comprised of Captain Dave Schlagger, Dave Blomquist, Joel Purpur, Kevin DeRoo, John Otis, Dave Fisher, Matt Springer, Erwin McKone,

some guy named Dave from New York, Mike Cote (our goalie who, being from Toronto, was expected to be good), and myself. For those of you who are hockey-illiterate, that means we had two lines of generally out-of-shape, fat, old men to be sent to the lions. Preparations were made, the Winnebago was packed, and we were on our way to show those Canucks and Noreasters what real hockey, Chicago-style, was all about.

The tournament consisted of eight teams: Two-time defending champion Kitchener, Toronto (whose third-string goalie was our only goalie), North Toronto, London, and Niagara from Ontario, along with Western New York, Michigan, and, yes, Team Chicago. Four games were scheduled in two

days for each team, followed by the championship playoff, which was fun to watch from the bleachers of the University of Niagara Ice Rink.

We Chicagoans knew we were in trouble from the get-go when, while waiting for Kitchener to arrive during a blizzard, we decided to practice, thus using up any wind and energy we might have had. Just watching Kitchener take the ice was disheartening, as a seemingly endless number of players skated out including two goalies AND two tie-clad coaches (which turned out to be the case with all seven other teams). What will go down in the books as our second greatest achievement (the first to be related later) was that we held the game scoreless for the entire first period (never mind that the first period served as Kitchener's warmup).

In the middle of the second period, we suffered a major setback

*(continued on page 28)*

## Introducing Country Club<sup>2</sup>.

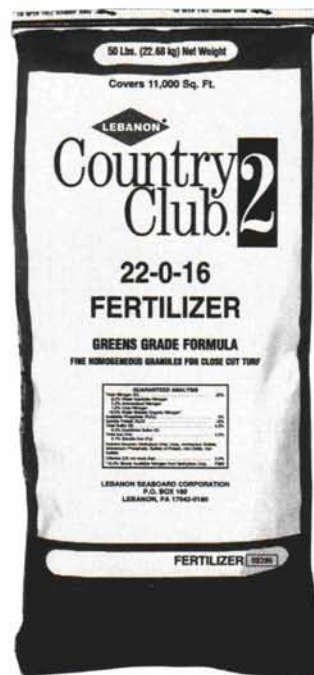
Country Club<sup>2</sup> contains short-chained water-soluble methylene ureas that deliver nitrogen consistently — even in sandy, low temperature or low moisture areas — providing up to 95% of its nitrogen source in 12 to 16 weeks. That's because Country Club<sup>2</sup> doesn't rely on microbial action alone. It also releases nitrogen through controlled solubility in the presence of water. So it works efficiently in any soil type — providing noticeable green-up within days and sustained feeding for weeks. For more information on Country Club<sup>2</sup>, contact your authorized Lebanon Turf Products distributor or call 1-800-233-0628.

**LEBANON**  
**Country Club<sup>2</sup>**

BoJo Turf Supply  
(800) 732-9401

*Available in greens  
or fairway grades.*

Turf Products, Ltd.  
(630) 668-5537





**HALLORAN &  
YAUCH, INC.**

IRRIGATION  
SYSTEMS

2040 Lehigh Avenue  
Glenview, IL 60025

Telephone 847.724.8660

Fax 847.724.8659

- \* Irrigation & Pump Station Design
- \* Irrigation Installation
- \* Drainage Systems
- \* Pump Station Installation
- \* Irrigation Pipe & Supplies
- \* Pond Aerators

**ReJeX-iT™**

**BIRD AVERSION AGENTS**



**THE "GRAPE" SCENTED BIRD  
REPELLANT WITH E.P.A.  
APPROVAL IS NOW AVAILABLE  
FOR ALL APPLICATIONS.**

FOR INFORMATION CALL:

**Arthur Clesen, Inc.**



543 Diens Drive Wheeling, IL 60090  
(847) 537-2177 Fax (847) 537-2210

**DUNTEMAN**  
TURF FARMS

*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

**NEW  
PRODUCT**

**PRICE!**

CALL FOR A QUOTE

**630-557-2900**



**MAIN STREET  
11 MILES WEST  
OF BATAVIA, IL**

**CONSERV FS**

INTRODUCES.....

**LEGEND**

**PROFESSIONAL TURF GRASS SEED**

**Use CONSERV FS LEGEND  
Professional Turf Grass Seed for  
your fairways, roughs, tees and  
greens.**

Call one of our Certified Turf Specialists today...

**TINLEY PARK**  
6730 South Street  
(708)532-4723

**WAUCONDA**  
27310 W. Case  
(847)526-0007

**KANSASVILLE, WI**  
4304 S. Beaumont  
(414)878-2048



## Get Out, and Stay Out!

(continued from page 26)

when Kevin DeRoo—our hero—tried to skate between two behemoths on skates, winding up on his backside with a separated shoulder. Doc McKone popped it back, and Kevin was forced to sit out the remainder of the game, which was lost by . . . well . . . a lot. Amazingly, Kevin returned for the three remaining games, playing through pain—a true inspiration to all (you reading this, Alonzo?).

Our strategy of “Pass not to specific players but to general areas” worked well against New York in game two, which was lost only by two goals—really one, but the ref sucked.

To get our minds off hockey, we took in the Buffalo-Vancouver game that night, which was more a rumble scene from West Side Story than a hockey game. Had they not served beer at that game, Friday’s two games might have turned out differently. In the morning, we played the Niagara team which,

rumor had it, had a guy who once played for the Philadelphia Flyers. Once apprised, of this, John Otis, team diplomat, extended the olive branch by giving the big lug a kiss on the cheek while mucking it up in front of our crease. I think the guy liked it, as engagement announcements were sent out after the game.

Team Chicago utilized its patented “Slow Down Offense” in textbook fashion, losing by only single digits. In the last game, we played the also victoryless London squad which was beatable, but, alas, it wasn’t to be. It seemed everybody named Dave on Team Chicago with the exception of one (you figure it out) took the afternoon off. Coincidentally, those two Daves had ventured over the border for some late-night entertainment after the Sabres game—which may have contributed to their absences, be they mental or physical. The aforementioned greatest achievement for Team Chicago occurred in this game when two of London’s youngsters lost their lunch compared to just one for us (no names

necessary). The championship game was won handily by Michigan over Kitchener, which used our chants of “USA! USA!” to motivate their team to victory.

Looking back upon our experience in the tournament, I can only say that we showed up. Hockey aside, we did have an enjoyable time. We saw that waterfall thing they have out there, along with the lesser-known but equally-spectacular Christy Canyon; we sweated a lot; we put some loonies in some bahoogies; and we made a friend or two (although NOT with the refs). Thanks to the Club Car folks and several local suppliers from the Northeast for sponsoring the tournament and to Dave Schlagetter for putting our “team” together. Oh, and an added bonus, thank you again to Club Car for giving out the free hats—funny, only team Chicago’s hats had the “Get Out, and Stay Out” logo on them. Who’d’a thunk Canadians could play hockey? ■



**For All Your  
Course Signage  
Needs And  
Accessories For  
A Low Price!**

P.O. Box 403 Lake Forest, IL 60045  
**Call To Receive Our FREE Catalog!**  
**1-800-954-1902**

## Golf Course Chemical Storage Buildings

Carlisle Building Systems, Inc.

Prefabricated Relocatable Steel Buildings

### Featuring:

- Secondary spill containment which exceeds OSHA Codes. UL, FM approved.
- Heavy-duty locking mechanism for added security
- Forklift pockets for ease of relocation
- Constructed of 10 gauge steel to provide structural strength
- Optional ventilation, lighting, temperature control, Fire Suppression Systems
- No Building Permits required

### Other Products

- Secondary Containment Pallets and Sumps
- Rinse Collection Pads

Contact: **Larry Sievertsen** - (847)426-0164 FAX (847)426-0070

Fluid State Systems, Inc.

35W753 Parsons Rd., W. Dundee, IL. 60118

## SOIL and WATER

SCIENTIFIC ANALYSIS

## V. J. ZOLMAN & SON

*Turf Soil Specialists and Brookside Representatives Since 1964*

Locally based services include Physical, Tissue, Lime and Environmental Analysis

**Fax (708) 485-4103 Tel (708) 485-8723**

**8516 Brookfield Ave. \* Brookfield, IL 60513**

*Lab Services by Brookside Laboratories Inc.*



**Gregory E. Martin**  
President

65 North River Lane

Suite 201

Geneva, Illinois 60134

630-232-9977

*Landscape  
Architecture*

*Golf Course  
Architecture*

*Land Planning*





## Turfgrass Science

NRES -- Department of Natural Resources  
and Environmental Sciences

<http://www.turf.uiuc.edu>

### Urban Programs Resource Network

The Cooperative Extension Service  
in the Chicago metropolitan area is  
now on the World Wide Web!

<http://www.aces.uiuc.edu/~uplink/>

*native restoration our specialty*

**McGinty**  
BROS., INC.

WETLANDS INSTALLATIONS    HYDROSEEDING    PRAIRIE SEEDING

851 SETON COURT • WHEELING, ILLINOIS 60090-5790  
(847) 215-2112 • (847) 215-9176 Fax



**Timberline**

DBA Bill Boyd

Golf Course Remodeling  
And Renovation

At Timberline, we look upon each project as an opportunity to create, challenge and beautify your existing golf course layouts so that it will blend in with the surrounding environment and "stand the test of time."

1907 Darien Club Drive, Darien, IL 60561  
630/963-9088 □ Pager: 708/850-0159

## PAARLBERG'S INC.

GARDEN CENTER • LANDSCAPE • GOLF COURSE  
AGRICULTURAL SUPPLIES

CHIPCO TURF PRODUCTS  
SHAWS • LEBANON • PAREX  
ALL MAJOR TURF SUPPLIES

1840 E. 172ND STREET, SOUTH HOLLAND, IL 60473

708-474-9900

815-469-6730



## Washed Sod That Fits Your Course To A Tee!

- PENNCROSS™  
BENT SOD
- PENNEAGLE™  
BENT SOD
- PENNLINKS™  
BENT SOD
- XL-100 BLEND  
SOD™

Available as H & E Hydro-cut™ Washed Sod  
or traditionally cut sod with soil.

"Single Source Convenience"

**H & E SOD**  
nursery, inc.

GENERAL OFFICES:

3900 West 167th Street  
Markham, IL 60426

Fax: 708-596-2481

Phone: 708-596-7200

**ACCURATE**  
TANK  
TECHNOLOGIES

- Precision Tank Tightness Testing; without filling your tanks
- All Upgrades for 1998
- Install Underground Storage Tanks
- Install Aboveground Storage Tanks

Your Complete, Professional, Tank Experts.

Please contact us at:

1-800-773-Tank, (630) 393-1998

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



# the Bull Sheet

## DATES TO REMEMBER

March 6 — MAGCS monthly meeting at Nordic Hills Resort Annual Charity Gin tournament to follow the meeting.

March 19 — CDGA Green Seminar at Butterfield C.C.

April 27 — MAGCS monthly meeting at Schaumburg G.C.

May 4 — ITF Combined Meeting at "The General," Eagle Ridge Resort.

June 15 — MAGCS monthly meeting at Fox Valley G.C.



It is sad to report that an old friend and loyal member, Adolph Bertucci, superintendent of Lake Shore C.C. for 54 years, passed away on February 4. At the time of Adolph's death, most of his superintendent friends were in Anaheim, California, attending the GCSAA Convention. On the evening of the 5th, President Czerkies gathered together those of us who were in the Midwest hospitality room to share the sad news. Paul Voykin asked to speak to the group and gave a very sincere and heart-rendering eulogy for Adolph.

Adolph touched many of our lives in different ways, and it has been suggested that each of us take a little time to write a paragraph on how Adolph touched you. Please take that time now and honor Adolph by jotting down your thoughts and feelings. Fax them (please double space) to 847-428-5009 or 847-836-9344. They will be published in the next available issue.

The Midwest Association of Golf Course Superintendents extends the sincerest condolences to the Bertucci family.

Mary Ann and Tom Vieweg have just returned from a two-week visit in France where they visited their daughter Sarah who is studying at Sorbonne University. After visiting their daughter, they went on to visit the D-Day beaches of Normandy.

Wanted: Used 9- or 11-blade reel for 1993 GKIV. Also looking for brushes that fit in front of the baskets. Call Tim Scott 708-857-2436 or fax 708-424-1168.

If anyone needs to replace their worn-out membership directory binders, give George Minnis a call at 603-406-5456.

For sale: 1996 Case 1845-C Skidsteer with only 600 hours. Comes with low-profile bucket, tooth bar and hydraulic quick connects. Call Mike or Jeff at Hollembeak Construction, Inc., 630-556-3891.

Huber Sod will have an open house to demonstrate sod

washing and big roll installation of blue and bentgrass sod starting at 9 a.m. on April 15.

Engine needed for LESCO 500, 5-unit mowers, type T-260 G, 24 hp Onan engine. Call Pete at Chicago Heights C.C., 708-755-7614.

Assistant superintendent needed. Glendale Lakes G.C. is looking for an assistant with 2 years in turfgrass study. Spray operator's license and experience is important. Contact Curt Leming, 630-260-9229.

Danville Area Community College is in the process of forming a horticulture/turfgrass alumni association. All DACC horticulture graduates are encouraged to join. A \$25 a year annual fee is required, which will generate scholarship money for second year students and will aid in horticulture/turfgrass research. As a member of the association, you will receive a membership directory and a biannual newsletter informing you of ongoing and upcoming events in our association, as well as at the college.

Anyone interested in joining the DACC alumni association, please call Brian McCoy at Danville C.C., 217-443-8955, or Charles Schroeder at DACC, 217-443-8793.

Horticulturist needed by April 1. Excellent benefits. Call Rick Hahn, Marriott's Lincolnshire Resort, 847-634-0100.

Mechanic needed at Seven Bridges G.C. Call Don Ferreri, 630-852-1746.

First assistant's position required. Please call Craig Wilson, Briarwood C.C., at

(continued on page 32)