

Combined Golf Day *

Monday, May 15, 1989

Eagle Ridge Resort, Galena IL

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Beautiful Eagle Ridge Resort in Galena, Illinois will host this fundraiser. Golfers fee is \$60.00; this covers your green fees and half of a cart. The day will begin on both courses with a shotgun start at 11:30 AM.

Registration is limited to 300 golfers.

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In addition, Eagle Ridge Resort is offering a discount on accommodations for the nights of Sunday, May 14 and Monday, May 15. To take advantage of this special bonus, make your housing reservations directly through Eagle Ridge at 815/777-2444 and identify the group as "ITF Play Day".

* Combined Golf Day 1989 is being sponsored by Northwestern Illinois Golf Course Superintendents Association of America.

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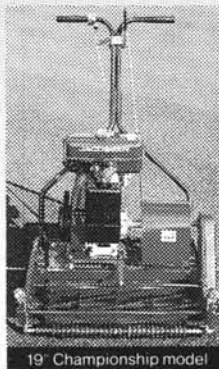
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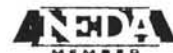
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Midwest Breezes



Upcoming Events — Mark Your Calendar

April 24 — MAGCS meeting at Kankakee C.C.
May 15 — Joint Association meeting at Eagle Ridge, Galena, IL
May 25 — Superintendent/Pro Golf at Bonnie Brook
June — We need a meeting place
July — We need a meeting place
August — We need a meeting place
September — We need a meeting place
October — MAGCS meeting at Prestbury C.C.
November — Annual MAGCS meeting and clinic

Golf Results from Palm Springs

by Ed Fischer

Team Champs — Midwest No. 1: Pete Voykin, Bob Kronn, Al Pondel, Tom Robinson.

Green Flight

Bob Kronn, 2 gross
Tom Robinson, 7th net

Black Flight

Ed Fischer, 6th gross

Red Flight

Brad Johnson, 4th net
Joel Purpur, 7th net

Orange Flight

Bob Maibusch, 1st gross
Len Berg, 2nd net

Purple Flight

Al Fierst, 2nd Net

Senior I Flight

Pete Voykin, 2nd gross

Senior II Flight

Dudley Smith, 2nd net
(No D.G.'s in 1989)

On March 7th, Chicago Turf & Irrigation hosted the bimonthly meeting of the Chicagoland Golf Course Mechanic's Association. Approximately thirty five mechanics attended this meeting, hosted by Jim Reed, CTI's northern territory turf equipment sales person.

The morning started out with coffee and a tour of CTI's new facility located at 1170 West Ardmore in Itasca. Jim Reed was the speaker for the morning session held in CTI's training room. Lunch was served courtesy of CTI and then Tom Nestor, CTI's golf course irrigation sales person, conducted an irrigation service overview session in the afternoon.

Jerry Dilday, CTI's parts sales manager, reviewed order procedures and return policy before the close of the association meeting.

The rumor at the Nordic meeting was of a big Republican day golf event at Butterfield this coming season. Somehow our own Art Benson is in the foursome with Governor Thompson and other faithful Republicans.

Dave Meyer has resigned his position at Indian Lakes Resort to give full time to his new golf course at Prestbury G.C. in Sugar Grove, IL. His new business phone will be (312) 466-4177.

Gary Sorensen will be the new salesman for LESCO to cover the northern Illinois territory & parts of Wisconsin.

For Sale: 1977 Toro 72" Groundskeeper in good condition. \$3000 or best offer. Call Steve Cummins at Lake Barrington Shores, (312) 382-3252.

Job Openings: Bruce Burchfield at Thorngate is looking for an assistant to oversee the construction of their new course. Call: (312) 945-0568 or evenings at (312) 634-4572.

A Parks Supervisor position is open with Waukegan. Call Greg Petre at (312) 623-7473 or (312) 244-7275.

Notice of Job Opening: Golf Course Assistant Supervisor at Weber Park Golf Course, Skokie, IL. Work involves manual work, equipment operation and supervision of employees. Starting salary \$15,500 or higher, based on experience and education. Contact: John Ohrlund, Skokie Park District, 4400 Grove St., Skokie, IL 60076, 674-1507.

JOB OPPORTUNITIES FOR SUPERINTENDENTS

Minnie Monesse Golf Club is looking for an assistant with at least two years experience under a class A Superintendent. Contact: Edward Hurley, R.R. #1, Box 465, Grant Park, IL 60940.

The March meeting at Nordic Hills packed the members in once again. We really had a large turnout for this noon meeting. Tom Fermanian discussed his sabbatical leave last year and how he spent his time constructing a system for the computer for future help on the golf courses or turf industry. Tom explained that his duties have changed since Tom Voight has joined the staff at U of I. He will now be about 55% in Research of which 60% of that time will be in long research and 40% in applied research and the remaining 45% of his time will be in the Extension Service. Tom also pointed out how the ITF has grown in the last eight years. In 1980 the donations totaled only \$12,000 and today they are almost \$40,000. With a total of \$260,000.00 in those years.

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Contact: Bill Gauwitz, Mt. Hawley C.C., 7724 N. Knoxville, Peoria, IL 61614 (309) 692-7816.

Mechanic Needed — David Behrman is looking for a mechanic to work at the Riverside Golf Club in North Riverside. Position requires knowledge of turf equipment and golf cart repair. Call (312) 447-1049.

Fertilizer

Penncross and most of the "native" bentgrasses can survive quite well on low to moderate levels of nitrogen. Annual bluegrass is a "nitrogen lover" and does better under high nitrogen fertility regimes. Timing is also important when fertilizing. Applying nitrogen during prolific annual bluegrass seedhead production, where few annual bluegrass roots are functioning, should allow the creeping bentgrass plant to take up the nitrogen. By doing this at a time when the annual bluegrass plant has limited ability to take up nutrients will also help give it the competitive edge to creeping bluegrass by denying the "nitrogen lover" annual bluegrass the nitrogen it needs to survive.

Rhizotron studies have shown creeping bentgrass roots to remain active approximately three weeks longer than annual bluegrass roots in the fall and to start growing three weeks earlier in the spring. Therefore, by applying a late fall application of nitrogen after annual bluegrass roots have ceased activity should again deny the annual bluegrass plants the nitrogen they need to be competitive, while supplying the creeping bentgrass plants adequate nitrogen to survive. An August application is needed to help promote plant growth after the slow down phase in the summer from high temperatures (See Figure 1).

Month	May-June	July	Aug	Sept	Oct	Nov-Dec
1 bs/1000 sq. ft. 1			1/2			1

Vertical Mowing

Vertical mowing should be done lightly every week from late May through September to prevent scalping of the traditional thatch that creeping bentgrass tends to develop during the warm weather.

PGR

Cutless will selectively stop the growth of annual bluegrass while allowing the creeping bentgrass to keep on growing. When used in combination with overseed, it could greatly increase the amount of creeping bentgrass in your fairways.

Collecting Clippings

This has led to the single greatest improvement in fairway management. It has also led to an increase in creeping bentgrass content in fairways, probably due to lower nitrogen levels as well as to the beneficial effects of removing the clippings during the warm weather of summer. This prevents the clipping from breaking down rapidly and releasing toxic products which can thin the creeping bentgrass and allow the annual bluegrass to germinate and fill in the voids in the fall.

Annual Bluegrass Management

Aerification

Aerification should be done three times a year if possible. The first time should be early in the spring after green up, the second in the spring after the heavy seed production, and then later in the summer when the cool night temperatures return. If only one aerification can be done, the one following prolific seedhead production is the most important. The roots of the annual bluegrass plants stop functioning during this period, as all the plant's energy is transferred to seedhead production. Following the period of maximum seedhead production, the plant has only 2 to 3 weeks to develop a root system to get it through the summer stress period.

(cont'd. page 19)

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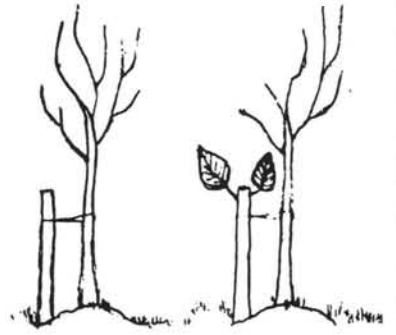
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(Vargas cont'd.)

PGR

Embark applied at low rates between 70 and 90 degrees F, using a base 50 degrees F will prevent seedhead production and allow the annual bluegrass to continue good root development in the spring and to store energy needed to survive the summer stress period.

Vertical Mowing

Vertical mowing should be done deeply in the spring to promote juvenile plants, which should be better suited to survive the summer stress period. This will also supply aeration for better root growth.

Collectin Clippings

For the reason mentioned under creeping bentgrass, and as stated before, this is the single greatest discovery for fairway quality. This has been demonstrated over the past twenty years, since we started spraying fairways with fungicides.

Fertility

Annual bluegrass is a nitrogen lover. It requires nitrogen to survive and to help it fight off diseases like anthracnose and summer patch (See Figure 2).

	June 1	July 1	Aug. 1	Sept. 1	Oct.	Nov. 15
(lbs/1000 sq. ft.)						
Option I	1/2	1/2	1/2	1		1
Option II	1-1/2			1		1
(Slow release)						
			(Anthracnose)			
			(Dollar spot)			
			Brown patch)			
					Fusarium Patch	
					Typhula Blight	

Figure 2. Nitrogen fertility schedule for annual bluegrass

Conclusions:

The grass plant won't grow to your needs. You must supply it with its needs. The grass plant lives in a dynamic system and whatever you do with your management practices will favor one over the other. You can have creeping bentgrass or annual bluegrass, the choice is yours; it all depends on your management regime.

Credit: Greenmaster, Sept./Oct. 1988

Figure 1. Nitrogen schedule for creeping bentgrass

Influence of Prestress Environment on Annual Bluegrass Heat Tolerance

D. L. Martin and D. J. Wehner
Crop Science, Volume 27, Number 3
Pages 579-585, 1987

Annual bluegrass characteristically has reduced quality during periods of high temperature. In order to improve summer quality of annual bluegrass, heat tolerance of selections has been evaluated along with cultural practices that may promote stress tolerance. Variability in stress tolerance of annual bluegrass does not appear to be very predictable. Of the other factors known to influence heat tolerance, the turfgrass manager has control over cultural practices, such as irrigation, fertilization and mowing.



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The 1989 **Illinois Turfgrass Foundation** Board of Directors took a break from their recent meeting to pose for this group picture.

Back row (left to right): Conrad Stynchula, University of Illinois Golf Course; Michael Rafacz, Greener Gardens Sod Farm; Phillip Hall, Rock River Country Club; Treasurer Robert Graunke, Eagle Ridge Resort; Immediate Past President Peter Leuzinger, St. Charles Country Club; Advisor Dr. Randall Kane, Chicago District Golf Association; Advisor Dr. Thomas Fermanian, University of Illinois; Second row (left to right): Vice-President Michael Vogt, Illini Country Club; Advisor Dr. Kenneth Diesburg, Southern Illinois University; Warren Shafer, Tyler Enterprises; President John Turner, NOR-AM Chemical Company; Advisor Dr. David Wehner, University of Illinois; Front row: Kerry Anderson, Rhone Poulenc Ag Company.

The purpose of the meeting was to plan foundation activities for the coming year. These include several "Golf Days" which have been very effective at generating additional funds for research. In recent years the **Illinois Turfgrass Foundation** has contributed an average 20% of gross income in direct support to University programs. The 1989 budget calls for at least 22% of total income directed to new and ongoing research projects.

Goosegrass Control

Goosegrass is a very difficult to control weed in turfgrass areas. A potential method of improving control is to use split applications. An experiment was conducted at New Albany Country Club to compare a single application with split applications of a preemergence herbicide. Results indicate that split applications of a preemergence herbicide give much better control than a single application at the high label recommended rate. A second application 6 weeks after the first application gave better control than a second application 10 weeks after the first application. The first application should be 1/3 or 1/2 of the high label recommended rate and the second application 6 weeks later should be 2/3 to 1/2 of the high label recommended rate. The results of this experiment indicated that the best control was with Prodiamine 65 DG. Ronstar 2 provided good control and Pendimethalin 60 WDG and Team 2G provided better than satisfactory goosegrass control.

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