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Sprinkler Irrigation Supply Co. A division of A.J. Miller Inc.  
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It's not just  
the W.I.N.  
you use,  
it's how you  
say the name  
**par EX**

All water insoluble nitrogen (W.I.N.) fertilizers are not alike. Some are activated by soil bacteria. Others by temperature. But IBDU (31-0-0) and PAR EX fertilizer mixes with IBDU are activated very slowly by soil moisture. Nitrogen is released at a controlled, even rate that can't be hurried by high temperatures or excessive moisture.

It's important on high maintenance turfgrass to control the level of nitrogen feeding. Excessive bursts of nitrogen can be a greater problem than a nitrogen deficiency.

Custom formulated to exacting specifications of the professional turfgrass manager, IBDU and PAR EX fertilizer mixes with IBDU provide a controlled level of nitrogen nutrition that stimulates root growth, shoot density, rich green color and improves overall plant hardiness.

Let water insoluble IBDU (31-0-0) and PAR EX fertilizer mixes with IBDU perform for your turf. After all, performance is the name of the game.



## SUPPLIERS

Paarlberg Chemicals Co. South Holland	312/474-3086
Turf Products Ltd. West Chicago	312/668-5537
Olsen Distributing Co. Barrington	312/381-9333
Turf Management Supply Co. Rockton	815/624-7578
Swift Rep. - Kenneth L. Quandt 518 Pauline Ave.-Buffalo Grove, IL 60090	312/541-8492

Dear Ray,

I'm sure you have been asked at times in your career, "What do you do all winter?"

**"A TOUCH ON WINTER CHORES"**

Mowers are in, the shop is awake.

Repairs are in order, adjustments to make.

Grinders are ready to sharpen bed knives and reels.

It's time to replace worn bearings and seals.

What to repair? What to replace?

Time for decisions, decisions to make.

Scraping and washing, painting anew,

Thanks to the efforts of all of the crew.

Benches, ball washers, tee markers and such.

When asked, "What do you do all winter?"

You're expected to say, "not very much".

**Happy Holidays — Superintendently,**

**Kenneth R. Zanzig**  
Supt. - Old Oak C.C.

Dear Ray:

In my letter to you of October 20 regarding the common name for *Ataenius spretulus*, and announcing that we had found *Aphodius granarius* damaging turf, I made an error. In the letter I said that *Aphodius pardalis* is not a turf pest. This is not the case. *A. pardalis* is a recognized pest of turf in the northwest. Dr. Ritcher's book points this out. In fact, Paul's book inadvertently left out a reference in the literature cited which may be of interest to you. The reference is: Ritcher and Morrison. 1975. *Aphodius pardalis* Lec., A New Pest of Turf. Jour. Econ. Entomol. 48(4):476. I don't know how I overlooked this, but thanks to Milt Kageyama for catching it. **Harry D. Niemczyk, Ph.D.**

**Professor of Turfgrass Entomology**

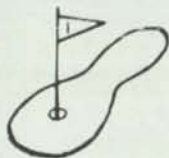
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312/596-7200

Effective December 11, 1978, the Milorganite sales offices will be moved to the following address:

Milwaukee Metropolitan Sewerage District  
Milorganite Division  
735 North Water Street  
Milwaukee, Wisconsin 53202

Telephone numbers for Milorganite sales personnel are as follows:

Charlie Wilson ..... (414) 278-2037  
Jim Latham ..... (414) 278-2035  
Bob Welch ..... (414) 278-2036  
Betty Leiviska ..... (414) 278-2034  
(Secretary)

Please address all **Correspondence** to the **Above Address**. **Soil Samples** should be mailed to:

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Soils Laboratory  
P. O. Box 2079  
Milwaukee, Wisconsin 53201

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The following pictures were taken at the M.A.G.C.S. clinic:



*Pres. - Bob Breen*



*Dr. Al Turgeon*



*Dr. Jim Watson*



*Moderator - Carl Hopphan*



*Dr. H. Niemczyk*



*Fred Opperman*



*Dr. R. Randell*



*C.P.R. Kevin Mellott*



*Pete Leuzinger*



*l. to r. - John Berarducci, Jr., B. Sering, B. Williams, W. Fuchs, P. Voykin*



*Ed Fischer*



*G. Landgrebe*



*R. Nugent*



*Paul Voykin, moderator - panel*

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**Rt. 1 - Box 34-W**

Nursery on Rt. 60 between Rtes. 12 (Volo) and 83 (Ivanhoe)

## URBAN PESTICIDE CLINICS SET FOR JANUARY

URBANA--Urban Pesticide Clinics will be held at 10 locations in January, says Roscoe Randell, University of Illinois Extension entomologist. Randell says 2,249 persons attended the clinics in 1978, despite terrible winter driving conditions. Attendance was better than in the previous five years.

The one-day program is for pesticide dealers and applicators who sell or apply pesticides to non-agricultural areas such as home landscape plantings, lawns, golf courses, parks, city streets and highway and industrial sites.

You will have a choice of two programs, taught by U of I specialists in entomology, horticulture, plant pathology and agricultural engineering. One program deals with troubleshooting turfgrass, tree and shrub problems, and calibration of pesticide application equipment.

The other program deals with application equipment for right-of-way weed control, mosquito control, tree fertilization, oak wilt disease and household insect control.

A combined session in the afternoon will cover toxicity and safety, and allow time for questions and answers.

You can also take a test for the Illinois custom spray applicators and operators license after the clinic. There is no charge for the exam, which will be given by personnel from the Illinois State Department of Agriculture.

If you were issued an applicator's license in 1973 or before, you will have to be certified by exam again in 1979.

Randell says there will be a \$4 registration fee, with lunch on your own, except at Rosemont. The combined registration and meal charge there is \$14.

If you plan to attend one of the two clinics scheduled at Rosemont, contact Ferdinand Arndt, 1475 Oakwood, Des Plaines, IL 60016. A second clinic was scheduled there to handle the expected large number of persons who want to attend. Some 800 persons attended the two clinics there in 1978.

The clinics are sponsored by the University of Illinois, the U of I College of Agriculture, the Illinois Natural History Survey, and the State Department of Agriculture.

January 30 . . Rosemont . . Sheraton-O'Hare Motor Hotel  
January 31 . . Rosemont . . Sheraton-O'Hare Motor Hotel

**Roscoe Randell**  
Editor, **Chuck Hardwick**

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Phone: 815/838-8164

## MID-AM/79 SPACE SALES AHEAD OF LAST YEAR

Mid-Am/79 Show will open with 420 exhibit spaces --- up from 375 at the '78 show.

Show management says that space is now being allocated to new exhibitors, and every effort will be made to "work everyone in" to assure show registrants of an opportunity to see what is available from the greatest number of suppliers.

Asked if new exhibitors might be restricted as to the number of spaces they may obtain, Mid-Am Managing Director, Donn W. Sanford, stated: "As long as space remains, each exhibitor may have whatever they want ... we won't limit anyone to a set number of spaces." Last year, Mid-Am attracted more than 5,000 buyers during its four-day run. The 1979 Mid-Am will be held January 14-17, at the O'Hare Exposition Center, in the Chicago suburb of Rosemont, Illinois.

Information regarding exhibiting or attending is available from Mid-Am Trade Show at 4300-L Lincoln Avenue, Rolling Meadows, IL 60008, or by calling 312/359-8160.

D. W. Sanford

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# Demo equipment Priced to sell!

	DESCRIPTION	CONDITION	LIST PRICE	SELLING PRICE	NUMBER OF UNITS
1	Groundsmaster 52*	256 hrs.	\$4,570.	\$2,900.	1
2	Groundsmaster 52	46 hrs.	4,570.	3,300.	1
3	Groundsmaster 72**	150 hrs.	7,443.	4,380.	1
4	Groundsmaster 72	165 hrs.	7,443.	5,100.	1
5	Turf Pro 84***	276 hrs.	7,556.	4,600.	1
6	7 Bld. Spartan Gang	In box	490.	375.	3
7	5 Bld. Spartan Gang	Like new	715.	486.	7 (w/lo profiles)
8	7 Bld. Spartan Gang	Like new	727.	525.	7 (w/lo profiles)
9	7 Gang Diesel Parkmaster	236 hrs.	13,270.	9,100.	1
10	Sand Pro w/Rakes	36 hrs.	5,087.	3,770.	1
11	84'' National	Like new	2,944.	2,200.	1
12	36'' Lawn Genie	Like new	980.	735.	1 (flail mower w/catcher)
13	60'' Lawn Genie	Like new	1,790.	1,300.	1 (flail mower w/catcher)
14	Bean Sprayer	Like new	2,311.	1,975.	1 (w/boom & mounting kit)
15	Renovaire	Like new	2,210.	1,775.	1 (w/slicers & tines)

- \* Out front 52'' deck with hydrostatic drive
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## ANNOUNCING - FIELD SERVICE SCHOOL

### Class Schedules and Subjects:

- Monday - January 22 - Groundsmaster 72
- Tuesday - January 23 - Groundsmaster 52 & Frontrunner
- Wednesday - January 24 - Reel Sharpening and Adjustment
- Thursday - January 25 - Turf Pro 84 & Greensmaster III
- Friday - January 26 - Workmaster and Sand Pro

All Classes held at: RIVER FOREST GOLF CLUB  
15 W 468 Grand Avenue  
Elmhurst, Illinois



FOR ADDITIONAL INFORMATION OR  
TO REGISTER FOR CLASSES CALL  
LOIS KNOX

911 Hilltop Drive  
Itasca, Illinois 60143  
(312) 773-5555



Mike Bavier, C.G.C.S., Superintendent at Inverness C.C. and G.C.S.A.A. director and chairman of the golf tournament displays his wares promoting the conference.

#### ATLANTA CONFERENCE WILL OFFER NUMEROUS EDUCATIONAL OPPORTUNITIES

More than 70 turfgrass experts have been confirmed as instructors, speakers and session chairmen for GCSAA's 50th International Turfgrass Conference and Show, Feb. 4-9, 1979, in Atlanta. Educational opportunities begin with preconference seminars, Feb. 3-4, when eight optional seminars will be available: Landscape I, Nutrition I, Management II, Irrigation II, Pesticide III, Pesticide IV, Cardiopulmonary Resuscitation (CPR) Training and Turf Disease Identification. All seminars except CPR Training and Turf Disease Identification are two-day sessions, followed by an optional examination. Successful completion of the examination is worth two of the six points necessary for certification renewal.

Regular education sessions begin Monday morning, Feb. 5. Monday afternoon, two concurrent sessions will be held; **The Way of Change** and **Water--What's the Future?** Tuesday afternoon concentrates on **Turf Management**, divided into separate sections for southern and northern turf managers. On Wednesday morning, conferees will have three sessions to choose from; **Public Course Management--New Directions**, **Research--Appraising Discoveries**, and **Are You an Executive? An Appraisal**.

**Course Management--Applying Our Discoveries** will be presented Thursday morning, followed by a **Thinking Superintendents** session on green construction, sand topdressing and flood repair Thursday afternoon. Conference-goers may also elect to attend **Conflict Management** in either the morning or afternoon.

Friday morning marks the end of conference, when superintendents may tour three of the Atlanta area's golf courses: Northwood Golf and Country Club, Lawrenceville; the Atlanta Athletic Club, Duluth; and Horseshoe Bend Country Club, Roswell. Tour buses will pick participants up at the convention center and drive them on a circuit of the courses.

#### BEING AN EFFECTIVE PUBLIC SPEAKER

Most of us view an invitation to speak to a group with less than overwhelming enthusiasm - the first thing that usually comes to our minds is a thousand and one reasons why we can't possibly accept the invitation. Strange as it may seem, however, public speaking can actually be enjoyable if you remember that **knowledge** and **simplicity** are what make a good speaker.

Golf course superintendents are actually in an enviable situation - you know a great deal about a number of topics that interest many people. Almost any group you might be asked to address will have an interest in something you know a lot about, including landscaping, turf care and golf. When you can talk with enthusiasm about a topic you know well, you have taken a giant step toward being an accomplished speaker.

Most audiences are sympathetic - they are listening to you, presumably, to get information, not to hear a polished or humorous speaker talk about nothing. They will remain sympathetic, too, as long as you don't talk down to them. Try to put yourself in their place - if you present your material in a simple sincere way, using non-technical terms, you're sure to be a hit.

You may find it useful to take along visual aids, such as slides or maps, to illustrate your talk. Not only do pictures make your explanations clearer, but they provide interest and variety to your listeners.

By projecting an image of yourself as an expert, you are contributing greatly to the public's understanding of golf course superintendents and the profession. Consider offering your services as a speaker to other organizations that you are associated with. You'll be surprised at the number of groups who would be delighted to have you as a speaker. For starters, think about garden clubs, your own golf club's membership, service organizations, special interest groups organized by your county agent or extension services and church and school groups.

Once you have established yourself as a willing and able speaker, you will probably have more invitations than you have time for. Sandwich in as many as you can, for you are doing both yourself and your profession a great service.

reprint - GCSAA "Fore Front"

#### NATIONAL CHEMSEARCH CORP.

222 South Central Ave.  
St. Louis, Missouri 63105

**Roger La Rochelle** resigns as Super from Flossmoor C.C. and has taken a position with the Chicago Toro in the Consumer's Dept.

#### EDITORIAL NOTE

In case you find any mistakes in this magazine, please remember they were put there for a purpose. We try to offer something for everyone in this magazine. Some people are always looking for mistakes.





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