



CHARTER

# Mid-Atlantic Newsletter



PUBLISHED BY:

Mid-Atlantic Association of Golf Course Superintendents to aid in the Advancement of the  
Golf Course Superintendent through Education and Merit

Volume XXX

June 1977

Number 6

## June Meeting

The June meeting of the M.A.A.G.C.S. will be held June 7th at the Sparrows Point Country Club in Baltimore, Maryland. Our host will be Alex Watson.

Al Watson was born in Glasgow, Scotland, and came to the United States when he was two years old. Al was raised in Warwick, Virginia. He attended and graduated from Virginia Polytechnic Institute class of '49. Al also graduated from the American Landscape School. Al became a Certified Golf Course Superintendent in 1976. Al has been the Golf Course Superintendent at Sparrow's Point for 17 years.

Sparrow's Point was designed and constructed by Bill and David Gordon. The original 18 holes were built in 1953, and the newer nine were completed in 1960.

The Greens at Sparrow's Point are primarily C-1 and C-19. Fairways on the 9 hole facility are Bluegrass, Bent fescues and, until the winter of '77, Bermuda. The 18 hole facility fairways were being converted to Bermudagrass, a program which started three years ago. A large percentage of the grass was lost during the '77 winter. Much of the Perennial Ryegrasses seeded last fall were lost during the deepfreeze. At this point in time Bermuda with Perennial Ryegrasses are being seeded into the 18 hole facility fairways.

Directions to the club: From Beltway #695 North

thru the Harbor Tunnel to Exit #1. Follow Holabird Ave. to Dundalk Ave. Intersection. Straight thru until it becomes Wise Ave., and down to the club on the right. Those coming from Glen Burnie on the Eastern Shore can use the New Bridge and come off at Bethel Blvd. to Route 151 (North Point Blvd.) to Wise Ave., turn left at the stop light to the club on the left.

Program:	Golf:	Anytime
	Cocktails:	6:00
	Dinner:	7:00
	Speaker:	Dr. Fred Miller University of Maryland

### PRESIDENT'S MESSAGE

Our May 10th Superintendents-Pro outing at Hog Neck Course in Easton, Maryland was a tremendous success. The tournament's success was because of the pre-planning by our host Ben Stagg, our Golf Chairman Ken Braun and the host Pro John Medvel. Thanks guys, it was great.

As most of you know, I have assumed the position as Golf Course Superintendent at Chevy Chase Country Club, replacing Fred Scheyhing, who is returning to New York. Paul O'Leary has succeeded me at Eagle's nest. I wish them both great success.

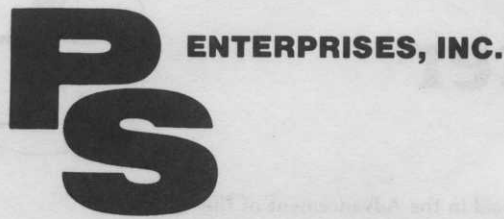
Our June 7th meeting, at Sparrow's Point Country Club, is a date change. It's the first Tuesday of the month. Our host Al Watson will order up a super day for us. Let's have a good turn out. Our attendance at meetings is on the rise, let's keep it going up.

Yours for finer turf, for better golf and a cool damp summer.

Bill Emerson



ALEX WATSON



## ps printing

4820 stamp road, marlow heights, maryland 20031  
(301) 423-9331

## ps office products

3802 old silver hill road, silver hill, maryland 20023  
(301) 423-9330

## silver hill blueprint

3804 old silver hill road, silver hill, maryland 20023  
(301) 423-5530

# Lofts

Pedigreed Seed, Inc.

- Features
- KENTUCKY BLUEGRASSES:**
- Baron
  - Touchdown
  - Majestic
  - Tri-Plex Blue  
(3 bluegrasses perfectly blended)
- TURF TYPE PERENNIAL RYEGRASSES:**
- Yorktown\*\*
  - Yorktown II
  - Diplomat
  - Tri-Plex Rye  
(3 ryegrasses perfectly blended)
  - Jamestown  
Chewings Fescue
  - and Custom Blends



Write or call for further information and current prices.  
**Lofts Pedigreed Seed, Inc.**  
Bound Brook, N.J. 08805 / (201) 356-8700

\*U.S. Plant Patent #3186, Dwarf Variety \*\*Protection applied for under the U.S. Plant Variety Protection Act

# Vaughan's

SEED CO

DIVISION OF THE VAUGHAN-JACKLIN CORP.

**GRASS SEED • FERTILIZERS  
INSECTICIDES • WEED KILLERS  
TURF FUNGICIDES**

**NEW VARIETIES**  
Adelphi • Glade • Citation  
Certified Mixtures • Milorganite • IBDU

Bert Elfrink J. S. Newsome  
370-9490  
1701 Cabin Branch Road, Landover, Md. 20785  
(301) 322-8800  
Chimney Rock Road, Bound Brook, N.J. 08805  
(201) 356-4200

**Buckner**  
Johns-Manville JM



Distributor for  
West Virginia • Virginia  
Maryland • Delaware

Buckner Sprinkler Equipment  
John-Manville Irrigation Pipe Fittings  
For design, modification or  
specialty assistance contact

Richard C. Hill, Sr.  
(703) 635-3630 or 635-7155

**IRRIGATION  
CORP**



## Helping the superintendent through turf research ...

- Controlled Release Fertilizers
- Fertilizer Pesticide Combinations
- Fungicides Herbicides - Insecticides
- Soil Testing Weed (Disease Identification)

**SCOTTS • LELY  
GANDY SPREADERS**  
Finest quality turfgrass seed  
Fairways • Greens • Tees • Roughs  
Scotts Windsor and Victa blends

**TOM COMALLI**  
Technical Representative  
711 Hyde Park Drive  
Glen Burnie, Md. 21061  
Telephone: 301/969-4216

# WAYNE'S PLACE



Anyone who attended the Superintendent-Pro outing at Hog Neck Golf Course certainly received royal treatment. Ben Stagg and John Medved teamed up to really put on a well run tournament and showed us city boys real Eastern Shore hospitality. It was a pleasure to see how two professionals can work together smoothly to establish an end result like they have at Hog Neck. That end result is a golf facility second to none. The entire facility has an air of professionalism that many of us could take lesson from.



Never let it be said that the Mid-Atlantic Section isn't a merry-go-round. This year is becoming the biggest game of musical chairs in the past few years. This year Superintendents are making moves quicker than I can keep track of. I'll endeavor to get everyone in here so that everyone gets their share of congratulations. Harry Allen has left Redgate and taken the Superintendent's position at Manor Country Club. Ford Staurser of Woodholme has retired, and Jack Monticalvo of New Jersey has succeeded him there. Fred Scheying of Chevy

Chase is going back to New York to the Mt. Kisco Country Club. Bill Emerson will be succeeding Fred at Chevy Chase and Paul O'Leary ex-assistant at Hunt Valley, will be taking over at Eagles' nest when Bill leaves. John Scott of Montclair Country Club in Dumfries, Virginia will be moving to the Superintendent's position at Andrews AFB Golf Course, which was vacated by Virgil Robinson last winter. Virgil is now at the Burning Tree Club. John Scott's assistant at Montclair, will be moving up the Superintendents position. Whew, I think that's got it. Congratulations to you all, and best wishes to you all in your new endeavors.



Recently, while attending a Mid-Atlantic meeting, I overheard a young assistant superintendent speaking about his boss, a golf course superintendent, in a derogatory fashion. He was busy telling two superintendents how his boss was doing things wrong and that he had all the answers. The superintendents, of course, chastised the young assistant for his remarks and he was soon shut up. An attitude, such as this assistant had, is probably one of the reasons that schooled assistants are becoming an endangered species. Young men, if you have suggestions, tell your superintendent. Work with him, not against him. It will be a good learning situation for both of you. Wise man once say, "animal that bites the hand that feeds him, soon become very hungry." Nuff Said.

## BARRICK

### Ground Burned Lime

Take the Guesswork Out of Your  
Liming Program  
BUY

BARRICK'S GROUND BURNED LIME

## S.W. BARRICK & SONS, Inc.

woodsboro, maryland  
(301) 845-6341

Claude H. Barrick - Res.: (301) 845-8548

## Monthly Overseeding of Greens Woodmont Country Club

by BOB SHIELDS

All of us have various amounts of Poa Annua grass in our putting greens. All of us would like to eliminate the Poa and replace it with Bentgrass for a better putting surface and a grass that is more reliable and easier to maintain.

I'm not going to tell anyone that I can get rid of all Poa but I can list some of the approved methods of keeping it

(continued on page 4)

MOORE GOLF  
INCORPORATED



GOLF COURSE  
INSTRUCTION  
IRRIGATION  
RECREATIONAL  
FACILITIES

P.O. DRAWER 916 • CULPEPER, VIRGINIA 22701 • 703/825-9211

## SEEDS

### TURF GRASSES

BULK ROOT MULCH  
TERRAGREEN PRODUCTS

FERTILIZERS & HERBICIDES  
EASY MARKER PAINTS

PHONE (Area Code 301) - 752-3415

## WM. G. SCARLETT & CO.

608-632 PRESIDENT STREET  
BALTIMORE, MARYLAND 21202



## Monthly Overseeding

(continued from page 3)

within acceptable limits.

Poa likes water, so let's start with drainage. If you have wet greens, then get rid of the excess water any way you can. When necessary to add water in dry weather, apply just enough to keep the grass alive. Keep the surface on the dry side.

Put on your Poa inhibitor chemical to prevent as much germination as possible. We used Tri Calcium Arsenate for several years and I hope it is back on the market soon before my present supply is exhausted. If you use it, be careful, because you can easily get an over-kill.

Use very little phosphorous in fertilizer applications. Too much will neutralize the chemical in the Poa preventer.

Aerate early in the season, before Poa produces seed, mow the green, then topdress with weedfree top-dressing. We use John Strickland's material which has been sterilized. Drag or brush the surface in two or more directions to work the material down into the aerifier holes.

As soon as the dragging is finished, overseed with Pennncross Bentgrass seed at the rate of one pound of seed per green and water in.

A month later verticut and spike in two directions, then mow the green and seed again at one pound per green. Repeat this operation at monthly intervals for the rest of the season and you will have a better green that you had at the start.

This program may not give you a perfect Bentgrass green but punching many little holes and placing a seed in each hole certainly improves your chances. Then by doing it at monthly intervals, you have a chance of having new growth coming on all the time.

We know we can grow Bentgrass in this area a lot easier than we can grow Poa Annua, so I'm going to keep on spiking and seeding.

The most valuable gift you can give another is a good example.



### Fungicides

**3336 Turf Fungicide** A broad spectrum systemic fungicide that prevents and controls all six major turf diseases.

**Bromosan Turf Fungicide** The newest broad spectrum systemic fungicide for those persistent trouble areas.

**Spectro** A combination contact and systemic which controls dollar spot, copper spot, brown patch, and leaf spot.

**Caddy**  
**PMAS (10%)**  
**Spotrete**  
**Granular Turf Fungicide**  
**Cad-Trete**

### Herbicides

**MCPP**  
**MCPP Plus 2,4-D**  
**Methar 80**  
**Methar 30**  
**AMA Plus 2,4-D**  
**AMA (Super Methar)**

### Specialties

**All Wet**  
**Clear Spray**  
**Tru-Green**  
**Grass-Greenzit**

**W-A-CLEARY CHEMICAL CORPORATION**

1049 Somerset Street, Somerset, NJ 08873  
(201) 247-8000

## EMPLOYMENT REFERRAL SERVICE

Golf Course Superintendents  
Association of America  
April 4, 1977

**TEMPLE HILLS COUNTRY CLUB, Nashville, Tennessee**

### Title of Position:

Golf Course Superintendent

### Duties:

Golf course maintenance, golf course budget, purchasing responsibility, clubhouse lawns and trees & shrubbery. The superintendent will be directly responsible to E. E. Johnson, President/Golf Director.

### Annual Basic Salary Bracket:

\$20,000

### Fringe Benefits:

Club paid health, paid annual vacation, dues paid for membership in GCSAA, vehicle provided, and expense involved in attending education conferences.

### Course Description:

Private membership, 27 hole, Pennncross Bentgreens, 419 Bermuda tees and fairways, and automatic irrigation system.

### Grounds Crew:

7 Regular, 5 part-time

### Requirements:

High school education or more. Agronomy background. Must have experience as Superintendent and mechanical background. Must be strong working man.

Will pay travel expenses of applicants interviewed.

### Send Resumes To:

E. E. Johnson, P.O. Box 50027, Nashville, TN 37205

### Deadline Date For Applications:

May 1, 1977.

NOTE: Please refer to the GCSAA Code of Ethics before making application for this position.

**TOBO**

## ADAMS EQUIPMENT, INC.

TWO LOCATIONS

8001 Newell St.  
Silver Spring, Md. 20910  
Tel.: (301) 585-1322

2205 E. Joppa Rd.  
Baltimore, Md. 21234  
Tel.: (301) 668-0500

Baltimore to Silver Spring Toll Free: 792-0456  
DISTRIBUTORS OF QUALITY LINES OF TURF EQUIPMENT



**COUNTRY CLUB PRODUCTS**

FERTILIZERS  
HERBICIDES  
FUNGICIDES  
FERTILIZER SOLUBLES  
FERTILIZER/HERBICIDE  
COMBINATION

SOLD THROUGH DISTRIBUTORS ONLY  
**LEBANON CHEMICAL CORPORATION**  
P.O. BOX 180, LEBANON, PA 17042 (717) 273-1687

# If You Lost Bermudagrass This Winter - Consider - Zoysia

by DOUGLAS T. HAWES  
Institute of Applied Agriculture  
University of Maryland

## INTRODUCTION

As a New Englander, who just arrived in the hot, humid transition zone eleven years ago, I have just recently come to a full appreciation of zoysia. I was raised on Kentucky bluegrass and colonial and creeping bentgrass with more than ample amounts of *Poa annua* thrown in. Zoysia was just one of those tropical grasses Southerner's grew.

In my early years in Maryland bermuda not zoysia was selling like hot cakes to new homeowners. Their hydroseeded bluegrass-ryegrass lawns on Maryland subsoils had failed the first summer and they were finding bermuda a cheap, rapid covering turf species. My first experience with bermuda was with common bermuda in my weedy bluegrass lawn. It took awhile to comprehend just how fast that weed could grow. I had pulled a lot of bermuda out of only 800 sq. ft. before I gave up and decided to grow it instead. I still think of it as a nasty but useful weed. Winter kill, spring dead spot and a high nitrogen requirement make bermudagrass a questionable choice for most turf areas. On athletic fields where ability to recover rapidly from intense traffic is essential, bermudagrass overseeded to 'Manhattan' or 'Pennfine' perennial ryegrass is an excellent choice for the transition zone. But bermudagrass is not an excellent choice for homeowner lawns, golf course fairways or like areas receiving only moderate traffic.

After four or five years in Maryland, I learned that annual bluegrass truly should be considered an annual. Kentucky bluegrass would grow well only where protected from the afternoon sun. Colonial bentgrass didn't exist in Maryland. Fine fescues were fine for well drained shady areas. Creeping bentgrass survived on putting greens if you had lots of fungicides and water. Tall fescue was a coarse bladed weed which only gave decent turf if mowed 3 inches or higher but, zoysia survived in sun or shade, mowed or not, fertilized or not.

It really wasn't until two or three years ago that I became a full fledged zoysia fan. There was no one characteristic that converted me. Just years of hopeless disgust with everything else combined with a quietly growing respect for this grass of oriental origin. Let's look at its advantages.

## Advantages of Zoysia for Transition Zone

Zoysia requires a minimal amount of nitrogen, water and mowing. The nitrogen requirements once fully established appears to be about 1 to 2 lb.N/1000 sq. ft. per year. This amount gives you a very nice dense turf. Only bermuda and tall fescue seem to need less water than this drought tolerant species. Mowing needs in the transition zone are highest in July and August. Although this grass is often advertized as needing only infrequent mowing, the fact is that more is needed for long term quality turf. If mowed infrequently with a light mower it will create 3 to 4 inch carpet in 5 years even if the mower is set for ½ inch, mowing should be 2 to 3 times per week in July and August. Only heavy reel type mowers should be used for best results.

Another advantage is resistance to scalping at least with the Meyer variety. This resistance to scalping is due to erect, stiff, very high fiber blades. The blades on the preferred variety, Meyer, are so stiff and dense that they tend to hold a mower up. They are also very difficult to cut off. Thus a heavy mower set too low will probably stall before it does serious damage.

The japonica strains of zoysia are much more winter hardy than even the most winter hardy bermudas. They are however, still brown from the first frost until spring.

Zoysias can withstand close mowing. The nine hole course at the Naval Ordnance Laboratory just north of the District of Columbia has had Meyer zoysia greens for the past 24 years. They don't begin to compare with creeping bentgrass greens in putting quality, but the point I would like to make is they have survived for 24 years with a minimum of maintenance at a cutting height of about 1/3 of an inch. There are two things I would like you to consider here. First, that zoysia is quite capable of surviving under low mowing. Secondly, zoysia may be at its best when managed at a low level of maintenance.

Time and time again I have seen zoysia persisting in quite acceptable conditions, where it received only minimal management. Dr. Strickling, Maryland's long time turf consultant for athletic fields, calls this "benevolent neglect." He claims turf often does better with this type of management. I'm not asking you to buy that but, you will find zoysia is capable of providing decent turf when managed with "benevolent neglect."

'Meyer' zoysia is not a weed problem like bermuda. It will only slowly invade sand traps and flower beds. I have never seen it growing up into shrubbery the way bermuda does. I'm told, though, that it will break up asphalt almost as fast as bermuda.



Last but not least, if you have to manage turf in or on the edge of a city, it is very tolerant of air pollution. Zoysia's ability to tolerate heat, air pollution and some shade make it an ideal grass for lawns in heavily populated urban areas of the transition zone.

### Disadvantages of Zoysia for the Transition Zone

Establishment problems have to be the prime reason why zoysia is not more widely used than it presently is in the U.S. I would like to note here that all the reports I have read note it as the dominant turf species in Japan, its apparent origin. In Japan, Zoysia is the predominant forage species in pasture as well as the dominant turf species on golf courses.

To be useful, Zoysia must be established vegetatively from winter hardy varieties. Horizontal stem material is extremely slow to root. Meyer, the preferred variety, is a very slow spreader. Put these three factors together and you have the basis for understanding why zoysia sod is expensive. This explains the reason for primarily establishing zoysia by plugs or sod. Research is needed to find a way to cause zoysia stolons to root faster.

Mowing is difficult. Heavy reel-type mowers that are kept sharp will give best results. A complaint of bristle-like sponginess appears to be due to a combination of management practices. Excess nitrogen with or without too high mowing, results in a slightly unstable footing. The long stiff bristle-like growth isn't quite strong enough to hold one up firmly. Using a mower that is too light, or mowing too infrequently will produce the same results.

There are billbug and nematode problems that can't be ignored. They definitely are causing losses in the Maryland area. The conditions under which the turf becomes susceptible to damage by these two turf pests are not known. Both pests are difficult to diagnose and usually have caused much damage by the time a correct diagnosis is made. More research is needed on these two problems.

The brown winter color is disliked by many but it provides a better sports turf cushion than bermuda when dormant. Zoysia is also much more difficult to

overseed in the fall for winter-green color. It does appear, though, that if managed to favor Kentucky bluegrass a reasonably satisfactory combination turf can be managed without yearly reseeding. Such a combination turf does have the drawback of a patchy fall transition period though.

### Warm-Cool Season Grass Combinations

My present research is with such combinations. I have found that a bermuda-creeping bentgrass combination properly managed provides one with an aggressive turf which will survive nicely under low mowing. Meyer zoysia and Kentucky bluegrass is another promising combination for the transition zone. Both of these I will look closely at in the years to come.

In my first study on combination turf, a warm season nitrogen fertilization program resulted in bermuda invading all combinations and in the death of the cool season grasses. Zoysia survived, but did no more than hold its own. The same combinations under a cool season nitrogen fertilization program resulted in creeping bentgrass and Kentucky bluegrass dominating the plots in spring and early summer. Bermudagrass would dominate by the end of summer and in early fall. Zoysia still did nothing more than hold its own. This research was conducted at moderately high nitrogen(N) level of 6lb of N/1000 sq. ft. Future work on zoysia will be conducted at varying N levels, emphasizing lower N rates which should favor zoysia.

### Summary

In the transition zone zoysia is capable of handling the heat, humidity, and pollution with less tendency to be weedy than bermudagrasses. It is also more winter hardy and requires less management than bermuda.

Zoysia is however, difficult, slow, and expensive to establish. It does have pest problems, but these do not appear to be as serious as those of other turf species used in the transition zone.

I think a move from bermuda fairways to zoysia is in order.



**Give  
The United Way**



# TOTAL MANEUVERABILITY

## THE HUSTLER 272A MOWER

Truly a professional piece of grounds-keeping equipment, the HUSTLER mows areas where hand-mowers have been necessary. The HUSTLER becomes an extension of the operator, allowing one man and one machine to complete complicated mowing tasks that can take a variety of machines and two or three men.

**CALL TODAY!**



**WATSON'S GARDEN CENTER**

**301/321-7300**

1620 YORK ROAD / LUTHERVILLE, MARYLAND 21093

## Dates to Remember

- JULY 12**  
Hunt Valley Golf Club
- AUGUST**  
Ladies' Night
- AUGUST 24**  
USDA Turf Field Days, Beltsville
- SEPTEMBER 20**  
Suburban Country Club
- OCTOBER 11**  
Woodmont Country Club
- NOVEMBER 11**  
Maryland Country Club
- DECEMBER 13**  
U.S. Naval Academy  
Election Meeting

**BE KIND.**  
Remember everyone you meet is fighting a hard battle.



### Quality golf course products

- Trap stone sand-produced from marble to guarantee uniform near-white color ... ideal texture ... no oversize particles.
- CAMELIME dolomitic agricultural limestone.
- Crushed stone and sand aggregates for golf course construction and maintenance.

**CALL CARROLL DAVIS AT 301-823-7000**



**HARRY T. CAMPBELL SONS' COMPANY**  
DIVISION OF THE FLINTKOTE COMPANY  
100 W. PENNSYLVANIA AVENUE  
TOWSON, MARYLAND / 301-823-7000



**301-335-3700**

- Sterilized Top Dressing-
- Top Soil-
- Peat Humus-
- Shredded Tan Bark Mix-

- Our top dressing is formulated especially for the transition zone to specifications recommended by U.S.G.A. and leading universities
- Eliminates additional liming when used as recommended.
- Absolutely no waste.



**919-443-5016**

## Past Presidents Meeting

On March 16, 1977 the first Past Presidents meeting of the M.A.A.G.C.S. was held at the Allview Golf Club in Columbia, Md. Those in attendance were David Fairbank (1976), Alex Watson (1975), Paul Barefoot (1974), Lee Dieter (1973), George Thompson (1972), Bert Yingling (1971), Robert Milligan (1969), George Cleaver (1968), Angelo Cammarota (1966-1967), Thomas Doerer (1964-1965) and Bob Shields (1951-1952) (1955-1958).

The meeting was informal and everyone was given the opportunity to voice their opinion of any activity or order of business within the association or any ideas that may benefit the association.

The Mid-Atlantic AGCS recent survey was discussed, some thought its length was unnecessary, and that many of the questions were not pertinent to the superintendent. Some thought that surveys were not of much use because of the varying sizes of clubs, and poor survey return.

The Newsletter was discussed as to whether one editor alone, can do justice to the publication. It was thought that a dual-editor be considered like there had been in the past. With the exception of the President's Message, all other writing in the publication should be in



Pictured: 1st row; L - R Thomas Doerer, George Cleaver, Lee Dieter, David Fairbank and Angelo Cammarota. 2nd row; Bob Shields, Alex Watson, Bob Milligan, Bert Yingling, George Thompson and Paul Barefoot.

the second person style, not "I" style. Highlights of the board meetings should be included in the Newsletter to better inform the membership of the progress of the association.

It was felt by some that the personal appearance of the superintendent and guests was falling below our professionalism. Depending on the particular club, the newsletter editor should check with the host to ascertain the dress code for dinner hours. Leisure suits have been accepted at some clubs, but there are still some that require coat and tie. It was emphasized that the dinner meals be collected by a club representative, be it the superintendent or other employee, rather than collecting during the meeting. Workshop meetings, during morning hours, for superintendents and assistants and/or foremen, mechanics were discussed. They could be small groups located in shops for mechanical and/or personnel relationship discussions.

For Mid-Atlantic AGCS members who reside in fringe areas or not within the Mid-Atlantic area should be considered for reduced dues.

Public relations were discussed at length, the "superintendent identity" point in particular. After varying suggestions as to how the superintendent can make himself known, both at his club and to the layman, it was agreed that each individual is responsible for raising his dignity or identity at his own individual club. Public relations in the GCSAA should go all out in a program of bringing our profession to the attention of

(continued on page 10)

**Cornell Chemical & Equipment Co., Inc.**  
 3500 Washington Blvd.  
 Baltimore, Md. 21227  
 DISTRIBUTOR FOR LOFTS SEED  
 PHONE (301) 247-1525



## TURF CENTER

1409 SPENCERVILLE RD. (RT. 198)  
 SPENCERVILLE, MD. 20868  
 PHONE: 384-6300

### PENNCROSS BENT

Ready for Play

Scott's Transition Blend  
 State Certified Blends



## G.L. CORNELL COMPANY

TURF EQUIPMENT

16031 INDUSTRIAL DRIVE • GAITHERSBURG, MARYLAND  
 (301) 948-2000

Turf Equipment

JACOBSEN TRACTORS & GANG MOWERS  
 CUSHMAN TURF TRUCKSTERS • BEAN SPRAYERS  
 HEAVY DUTY ROTARY MOWERS • SEEDERS  
 SWEEPERS • SOD CUTTERS • TRAILERS • WOOD  
 CHIPPERS • TURF FUNGICIDES • SPRINKLERS  
 GOLF SUPPLIES

16031 Industrial Drive  
 Gaithersburg, Maryland  
 (301) 948-2000



# Results of the Superintendent-Pro Tourney

## LOW PRO

Larry Ringer .....	75
Charlie Bassler .....	76
Lumbart .....	77
Quinn Sullivan .....	78
Romans .....	78
Greg Shrews .....	79
Paul Hauland .....	80
Willis Johnson .....	80

## SUPERINTENDENT LOW GROSS

Herb Hienlien .....	90
Harry Allen .....	80

## SUPERINTENDENT LOW NET

Ralph Strouth .....	100	36	64
John Tutich .....	100	26	74

## TEAM NET

Ralph Strouth and Chuck Walker .....	64
Mike Mackenzie and Larry Ringer .....	66
Bill Emerson and Flecker .....	67

## GUEST LOW NET

Mike Hannah .....	112	40	72
-------------------	-----	----	----

## GUEST LOW GROSS

Tom Comalli .....	78
Bert Yingling .....	89

## LONGEST DRIVE

Greg Shrews .....	Pro Columbia
-------------------	--------------

## CLOSEST TO THE HOLE

#3 .....	Ed Wilson	5'8"
#7 .....	Dennis O'Leary	9'11"
#17 .....	Larry Ringer	7'11"

## 50-50 DRAWING WINNER

Mark Shields .....	\$64.00
--------------------	---------

# PRO4

Diamond Shamrock



Everything you need to control diseases and weeds in turf and ornamentals.

Ten turf diseases and almost 100 kinds of weeds yield to the Diamond Shamrock Pro-4 turf system. One broad-spectrum fungicide. One preemergence herbicide. One postemergence broadleaf herbicide. One postemergence grassy weed herbicide. That's Diamond Shamrock Pro-4.

DACONIL 2787®. The new chemistry fungicide. And now it's a flowable, as well as a wettable powder.

DACTHAL® preemergence herbicide controls *Poa annua*, crabgrass and 15 other weeds. Available in two formulations: wettable powder and granules.

DACAMINE® postemergence herbicide. Non-volatile 2,4-D. Kills more than 70 broadleaf weeds.

DACONATE® 6 postemergence herbicide. The organic arsonate with a high-quality surfactant already mixed in.

Regional Office Three Commerce Park Square  
23200 Chagrin Boulevard  
Beachwood, Ohio 44122 216-464-5620

**Diamond Shamrock** Ask for our Product  
AGRICULTURAL CHEMICALS DIVISION Information sheets.

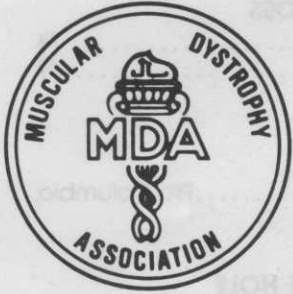
## More Terminal Bermuda News

Dr. Doug Hawes reports the following observations and feedback on bermudagrass winterkill. On the University of Maryland demonstration plots, only Midiron (P-16) survived the winter to any extent. Tufcote appears lost in Dr. Hawes's Tee Turf Research Plots and in a new area he overseeded last fall to Penncross. The overseeding was done to continue studies on bermuda-bentgrass turf. A similar overseeding done at the same time of Kentucky bluegrass into Meyer zoysiagrass was made without any apparent loss of Meyer.

A large plot area of Tufcote not currently in a research project on the farm was lost except for a strip within 20 feet of a snow fence on its north and west sides. Protection from northwest winds appeared to be a factor in survival of Tufcote lawns in the Bowie area also. Older (thatchy) lawns appeared to suffer more damage than newly established lawns. Traffic also increased the chances of winterkill.

Research plots at USDA-Beltsville, Md. suffered severe damage as observed by Doug on May 5th. Essentially all Tufcote was killed. Midiron looked a little better. One as yet unreleased Kansas variety and one from Missouri came through in good shape, also a coarse bladed selection from Columbia Country Club. Dr. Hawes suggests you come to the Beltsville Field Day to hear a report on this by Jack Murray. Field Day is scheduled for August 24th.

SUPPORT  
**Muscular  
Dystrophy**



**Past Presidents**  
(continued from page 8)

the public. Next year, the Mid-Atlantic AGCS will celebrate its 50th anniversary, and it would be an excellent opportunity to use some public relations in the

Mid-Atlantic neighborhood.

It was suggested that a seminar be tied in with the Annual Turfgrass Conference in January, preferably on Landscape or Nutrition.

New members should be made more welcome, some never hear from the association once they've sent their money and received their card. Attention getters should be available at the meetings, guess the size of the green, photo quizzes, etc. Name tags should be reinstated since there are so many new faces. More order is needed during the meetings, either from the chair or sergeant of arms.

The financial aspects of the association were discussed, particularly, non-profit status, the availability of financial statements at year end, and the availability of a budget for the membership.

The meeting certainly did not lack for discussion, but did tend to jump back and forth considerably. Many discussions were dominated by one or two individuals, but it was the chairman's decision not to cut off any one individual for fear of losing any further discussion and/or ideas that he may share. The meeting was well accepted by all, and it is this chairman's opinion that it should be continued on an annual basis.

Respectfully submitted,  
David S. Fairbank  
*Chairman, Mid-Atlantic AGCS  
Past Presidents Meeting*

Mid-Atlantic  
**Newsletter**

FIRST CLASS MAIL

WAYNE EVANS  
1804 Ironton Drive  
Oxon Hill, Maryland 20021  
301-567-9386



Published monthly by the Mid-Atlantic Association of Golf Course Superintendents to aid in the advancement of the golf course superintendent through education and merit.

Subscription rate for non-members: \$5.00 per year.