



TURFGRASS MATTERS

Mid-Atlantic Association of Golf Course Superintendents

March, 1996

Volume 1, Number 1

USGA '95 – Year in Review

By Jim Moore



When USGA Green Section agronomists gathered for our fall staff meeting, all agreed 1995 was one of the most difficult in many years, particularly when it came to bringing greens through the summer.

We learned much from the difficulties Nature threw our way so we should be better prepared for the next tough summer. As German philosopher G.C. Lichtenberg stated: "It is in the gift for employing all the vicissitudes of life to one's own advantage and to that of one's craft that a large part of genius consists." In other words, there are lessons to be learned from the difficulties we faced.

Following are some of the most important lessons superintendents should take with them into the new year.

LESSON 1

Water management will make or break your greens.

No aspect of greens management is more critical. Yet on many courses, individuals charged with hand watering greens are summer hires. Most have little experience and less dedication. They learn fast. Unfortunately what they seem to learn first is that if they really pour the water to a green they may not have to come back later.

We should not expect computerized irrigation systems to achieve good water management on their

own. No system can be designed that accurately. For these reasons, many top superintendents revert to manual irrigation of their most troublesome greens for the balance of the summer. Truth is three or four well-trained and



dedicated hand water folks can apply water more accurately than the best computerized systems.

LESSON 2

Weak turf can be easily injured by normal practices.

This year even a tiny mistake could cause big problems. A slight miscalibration of a piece of application equipment, or just a little too much overlap often led to serious injury. In most years, these small mistakes might have caused a little streaking. This year, they resulted in dead turf. Many superintendents also suffered painful reminders regarding the application of pesticides during

bright sunlight and high heat. Often the carriers in pesticides can be mildly phytotoxic. On severely weak turf, mild can turn into extreme. Although the days may already be long, it is smart to wait to apply such products until evening or early-morning hours.

LESSON 3

Nematode problems are best attacked before damage occurs.

While nematode problems vary by region, in many parts of the country these pests are growing more troublesome. Not only have we lost the use of the most powerful and persistent pesticides, some of those we still can use have been diluted in that

the amount of active ingredient that can be applied has been reduced to much less effective rates. Combine this

continued on page 8

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President's Message

Bill Shirk



As I sit in my office, thinking about this message to my fellow MAAGCS Members, the snow outside has drifted up to the windowsill. As I prepare for my 25th year as superintendent, and my fifth year on the MAAGCS Board of Directors, I find similarities between these two points of view looking forward to the coming year.

As a superintendent, I struggled through the drought and disease pressures of last summer and weathered the snow and ice storms that plagued all of us in this winter of '96. I now look forward to the emergence of green and spring color on my golf course as it awakens rejuvenated to recover from winter's wounds. With the other MAAGCS Directors, I struggled through the transition to a management company and weathered the confusion and discontent that prompted our pullout from under it. I now look forward to the blossoming of MAAGCS as new officers and newly formed committees begin their efforts afresh to move the association beyond healing and recouping to new levels of creativity, cooperation, and professionalism.

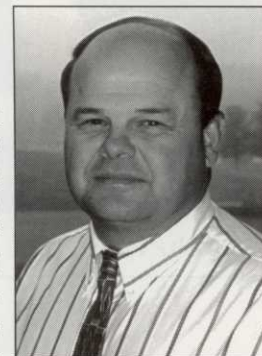
This push upward and outward for MAAGCS will gather more and more steam as the membership unifies its support behind the Board. The vision of the Board will match the changing needs of the membership more and more as the members

add their input continuously throughout the year. As a member of MAAGCS, and also as president, I urge you to give us your input and your support.

- Attend as many meetings as possible
- Wear your nametag to these meetings
- Consider hosting a MAAGCS meeting
- Serve MAAGCS as a committee member or director
- Read the newsletter and stay informed
- Support our many sponsors
- Most importantly — Give the Board your comments regarding the meetings, the speakers, the newsletter, etc. so that your opinions have the chance to make a difference for everyone!

Every member who can increase his efforts in any one of these areas will make MAAGCS a little bit stronger. A stronger MAAGCS will be more capable and responsive in providing the news, education, and communication that enhance and improve the turf industry in the Mid-Atlantic area.

In closing, I would like to personally thank all the MAAGCS members for supporting me for association president of 1996. I am truly honored and pleased to serve you. Again, please feel free to contact me or any director personally, or call the MAAGCS office, if you have any questions or concerns regarding our association. ■



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TURFGRASS MATTERS Committee

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From the Editor

Christopher R. Ayers



Welcome to a new year and the newer and improved Turfgrass Matters newsletter campaign. The MAAGCS Board of Directors is committed to publishing a quality newsletter. We have made some obvious changes in appearance, quality, and content. We have also changed to a bi-monthly schedule allowing us more time to produce what we hope will be an educational and informative publication. Monthly meeting "Bulletins," containing the

TURFGRASS '96

Diana Lee Patton

President,

Maryland Turfgrass Council

As you may have guessed, Turfgrass '96 was cancelled by the Blizzard of '96. Many of the speakers were unable to get into town and many of you were too busy plowing out to attend their presentations. Those registered Monday and Tuesday of Turfgrass '96 will have their fees refunded. Those registered for Wednesday who did not attend the rescheduled recertification program on March 1 can have it applied toward coordinating the update of their 1996 applicator's licenses. Please realize that the circumstances of Turfgrass '96 were very extreme; thus we are offering the refunds of the normally nonrefundable preregistration fees. We thank you for your past and continued support of our Conference; we are fortunate to have had many financially successful conferences in the past to help us sustain the large financial loss the Council is incurring by having had to cancel Turfgrass '96. Normally proceeds from our annual conference produce the revenue needed to finance the annual expenditures of scholarships, support of Drs. Carroll, Dernoeden, Mathias, and Turner and turf activities at the Md. Institute of Applied Agriculture. ■

necessary meeting information, will be slightly expanded to include a site history and some more timely announcements.

Although the Board and Turfgrass Matters committee have put extensive thought and effort into the design criteria of the newsletter, we will continue strive to meet the changing needs of the membership. The most efficient method for assessing those needs is by receiving your input. We welcome and encourage your suggestions, comments, and submissions. We are eager to make this publication pertinent to all regions and factions of our membership.

For our class F or associate members, I would encourage you to consider an advertising program through either Turfgrass Matters or the monthly bulletin. By now you should have received two mailings detailing

the various options. If for some reason, you have not received one and want to use our publications to communicate your products or services to the membership, please contact me immediately.

I would like to take this opportunity to thank the membership for electing me to the Board and my committee for their efforts in preparing this first redesigned issue. I hope this is the first of many! ■

Note to members: Any member who does not have a current MAAGCS name badge, or has one that is incorrect, can receive a new badge by contacting Gregg Rosenthal, Membership Chairman, Little Bennet G.C., (301) 253-6072

The board of directors encourages you to have your badge updated and to please wear your badge to all MAAGCS functions.



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1996 Environmental Steward Awards



The Mid Atlantic Association of Golf Course Superintendents Congratulates Glenn Smickley, CGCS of Robert Trent Jones G.C. and Joseph Perry of Eagle's Landing G.C. for being recipients of this prestigious award.

The Environmental Steward Award Program provides a forum for superintendents to showcase their environmental efforts and be honored for the strides they have made to enhance their properties for the benefit of wildlife, golfers and their surrounding communities. These two fine superintendents were regional winners, representing the Mid Atlantic USGA region.

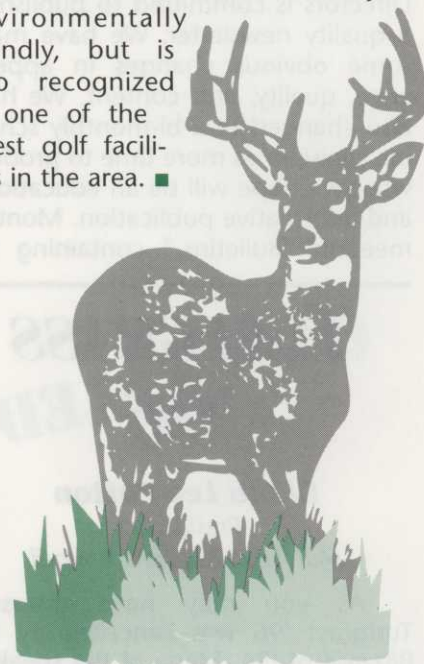
Smickley hopes to establish Robert Trent Jones G.C. as Virginia's first "Official Audubon Cooperative Sanctuary." Open since 1991, the



club was designed and built with an extensive water retention system that collects 92 percent of all rainwater and irrigation runoff in one of 23 detention ponds and level collectors. Combined with buffer zones of natural vegetation around each body of water, the local Occoquan Watershed Monitoring Lab has watched the drinking water quality of adjoining Lake Manassas improve during the past few years. Smickley emphasizes IPM practices, using beneficial insects, organic fertilizers and pesticides only when necessary. He also emphasizes light irrigation use.

Eagle's Landing was the first course in Maryland to attain certification by the Audubon Cooperative Sanctuary program. Built in 1991 on the eastern shore of Maryland's Delmarva Peninsula, Eagle's Landing is located in an environmentally sensitive area adjacent to the tidal flats of

the Atlantic Ocean. Through careful selection of turfgrasses, establishment of naturalized areas, creation of non-tidal wetland habitat and IPM-based pest control, the course is not only environmentally friendly, but is also recognized as one of the finest golf facilities in the area. ■



SUPERINTENDENT PROFILES

Our Host for the March Meeting: *Rick Hildreth* of Swan Point Yacht & Country Club

Rick Hildreth hails from the Stockbridge School of Agriculture, Class of 1986. His senior summer, Rick worked for Kenny Ingram, at Columbia C.C. in Chevy Chase, MD, as a placement student. He then came back to earn his stripes with six years as an assistant from '86 to '91. In 1991, Rick moved to Swan Point to undertake assistant duties under Mark Stoddard. Rick took the helm from Mark in 1993, when Mark moved up to the TPC at Avenel. Born and raised in Vermont, Rick brings with him a Northerner's love of hockey. He can also hang up his skates in the spring and deliver on his 14 handicap on the links, so keep him in mind when you're looking for a partner! ■

Our Host for the April Meeting: *Michael Legere, CGCS* of Holly Hills Country Club

Michael Legere, CGCS is another fine superintendent that the Mid-Atlantic stole away from New England. A 1979 graduate of the Stockbridge School of Agriculture, Mike worked as an assistant and a superintendent in Massachusetts at the Holden Hills Country Club and New England Country Club before he moved to Holly Hills in 1993. Mike earned his status as a certified superintendent in 1988, while superintendent at Holden Hills. Mike lives with his wife Cathy, and his two daughters, Cora and Monica, in the foothills of Mount Airy, a stone's throw down Route 70 from Holly Hills. He enjoys, as do many of us, taking up his clubs and approaching golf from a more recreational perspective. Mike is also an avid swimmer, a talent that fortunately doesn't get much use either in the line of work or during his golf game! ■

USGA Annual Meeting

Bruce Cadenelli, Superintendent, Caves Valley Golf Course



The USGA began its second hundred years with its annual meeting on Saturday, January 27th in Orlando, Florida. A milestone was achieved for the association with the election of Judy Bell as president. She becomes the first woman to head the organization.

During the course of the evening, two awards were presented by the USGA. A new award, named after Joseph C. Dey, Jr., was given to Mr. Charles N. Echstein of Hazel Crest, Illinois. The award is given to recognize one's service to the game of golf as a volunteer. Mr. Echstein has worked within golf for the past six decades in numerous volunteer capacities. With that track record of service, what more can one say? A splendid record indeed!

The second presentation, the Bob Jones Award, given for distinguished sportsmanship in golf, went to Betsy Rawls, one of golf's finest woman champions and administrators. True to her character, she was most humble and modest in her acceptance speech, and thanked those who had assisted her along the way. A classy speech from a truly classy lady!

Outgoing USGA President, Reg Murphy of Baltimore, in his final act in office presented his "wish list" of items he hopes to see the association address in the coming years. The five items on his list were:

1. "Change the rules of golf to allow spike marks to be repaired the same as the rules allow for pitch marks to be fixed." Golf, which obviously is slow to change, may take its time with this one. Although, as the use of non-metal spikes grows, the problem may well diminish over time on its own.

2. "Finish championships on Sunday afternoon." Mr. Murphy would like to see the final round begin earlier in the day to allow for a nine-hole playoff in event of a tie after 72 holes.

3. "Move the USGA Museum and Library so that more who play and love the game could enjoy its content." He did not suggest moving

USGA Headquarters, but finding a way to make possible greater access to these golf treasures. Presently, on an annual basis, only 20,000 people visit Golf House. That number should indeed be far greater.

4. "Find a way to remove stones from bunkers." As he sees courses in his role as a golf administrator and rules official, he finds this to be a real (or reel) problem. Bunker sand, its qualities and playing characteristics, have long been debated by club officials, players, and course superinten-

dents. As one who has been around golf for twenty-five years, I suspect the debate will continue.

5. Last, but certainly not least, "Keep golf a game." Do not allow money, technology, or lawsuits to obscure our vision of this wonderful game. Remember that millions of ordinary people enjoy the game for the sheer pleasure they find in it. In a world of ever increasing technological advances, this may indeed be the most difficult challenge of all. ■

Dues Statements, Member Surveys Sent

By now, all MAAGCS members have received their 1996 Dues Statements. Attached to the Dues Statements, is a Member Information Survey sheet. We would like to update our Member Database and keep it current. We can only do so if all the members complete the surveys and return them to MAAGCS with their dues payments.

If you have changed jobs, address, or phone numbers in the last two years, we definitely need your updated information. Please take the time to complete your surveys and return them (and your dues payments) to MAAGCS by the first of April, 1996.

Michael J. Gilmore – Secretary, MAAGCS

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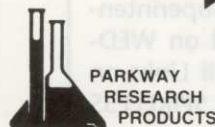
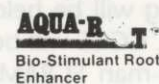
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MAAGCS Golf Notes



Jim McHenry

Welcome to another golf season! Hopefully all the snow and winter weather is behind us and we can get out and enjoy our golf courses.

The 1996 schedule is shaping up and looks to be another great year for our golf outings. From Swan Point CC in March to Caves Valley in November, and everywhere in between, we will be visiting some outstanding courses in the Mid-Atlantic area. Please keep the enclosed schedule handy for our monthly meetings.

This year has already started on a winning note for several of our fellow MAAGCS members. The National Tournament was held in Orlando and saw 19 of our members competing. Three of them won their respective flights and a few others had very good showings. The winners from Orlando were:

Scott Wagner	1st Gross	2nd Flight
Geoff Blind	1st Gross	3rd Flight
Gordon Caldwell	1st Gross	4th Flight
Jim McHenry	2nd Net	3rd Flight
Bill Shirk	3rd Net	2nd Flight
Mike Evans	6th Gross	6th Flight
Gordon Caldwell/ Dalton Hicks	2nd Net	4-Ball
Mike Evans/ Paul Masimore	5th Net	4-Ball
Bill Shirk	Nearest Line	Hunter's Creek

Congratulations to the winners and special thanks to George Renault, CGCS, Tournament Chairman, for heading up an outstanding event.

Our first meeting of the year was held at Swan Point CC, Rick Hildreth, Superintendent. Results from the golf will be available in the next newsletter.

April's meeting will be held at Holly Hills CC on April 9th. Mike Legere, CGCS will be our host. This will also be the site for our 4-man SCRAMBLE tournament. Look for details in the April Bulletin.

Also, mark your calendars for our annual Superintendent/Pro Tournament. This year it will be held on WEDNESDAY, May 15th, at Queenstown Harbor Golf Links on the Lakes Course. Please note that this will be a SPIKELESS tournament.

Finally, I would like to introduce the 1996 golf committee. Ben Stagg and Tim Sage will again serve this year. We will also be joined this year by Paul Masimore, CGCS and Mike Evans. Thanks for your help, gentlemen.

See you on the links! ■

GCSAA Election Results

On Saturday, February 10, the Annual Meeting of the GCSAA was held in Orlando, FL. One of the primary functions of this meeting is the election of the officers and directors for 1996. The results of the election were as follows:

For President: Bruce R. Williams, CGCS, by acclamation

For Vice President: Paul S. McGinnis, CGCS, by acclamation

For Secretary/Treasurer: George Renault III, CGCS was the winner over David W. Fearis, CGCS, by a vote of 3,742 to 2,201.

Also elected to the board from a field of six candidates were Ken Mangum, CGCS, and R. Scott Woodhead, CGCS. In his first act as President, Williams appointed Michael Wallace, CGCS, to fill Renault's one-year unexpired term as director.

Congratulations are in order for our own George Renault, superintendent at Burning Tree Club and long time member of the MAAGCS. ■

MAAGCS 1996 Scholarship Recipients

The Mid-Atlantic Association of Golf Course Superintendents is proud to announce its annual scholarship awards. Each of the following five students will receive \$1180. All recipients this year were students of the Institute of Applied Agriculture at the University of Maryland.

Daniel Hofmeister

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Gordon M. Caldwell, CGCS, Superintendent
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Dean M. Graves, Superintendent
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Mark Merrick, CGCS, Superintendent
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Mike Legere, CGCS, Superintendent
Holly Hills Country Club

Jeffrey D. Van Fleet

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Corey D. Haney, Superintendent
Bristow Manor Golf Club ■

N.G.F. Research Update

Bruce Cadenelli

Superintendent, Caves Valley Golf Club

At the recent GCSAA Conference and Show in Orlando, the National Golf Foundation presented its research findings from a survey they conducted entitled, "Golfers' Attitudes and Perceptions Regarding Golf Course Conditions, the Environment and Superintendents." Results were obtained from contacting 1500 Golfers nationwide. The 1500 golfers were selected from the 30,000 people that the NGF surveys annually in its sports research work. These 1500 golfers represented all facets of golfers from the casual player to the very committed golfer and from both the public and private club golfer.

I will not attempt to give all the results from this survey. A complete report will be presented in the next few issues of Golf Course Management magazine. This article will simply highlight some of the more interesting facts developed by the survey.

Q: *How do you view the golf course superintendent?*

- A:** 56% Facilities manager
46% Skilled blue collar worker
19% Business person
6% Didn't know
2% Unskilled, uneducated worker
- Q:** *What responsibilities does the superintendent have?*
- A:** 88% Manages golf course
37% Responsible for environmental conditions
22% Courses' landscapes
19% Person who mows greens
11% Person who manages the golf facility
- Interestingly, only 76% believe the golf course superintendent to be responsible for conditions on the course.
- 62% believe the superintendent is best equipped to teach golfers about ecology and conditions on the golf course.
- Q:** *Given that superintendents are responsible for course conditions, why does a golfer choose to play a particular course?*
- A:** 72% Cost/price of green fees
68% Availability of tee times
69% Quality of course conditions
44% Closeness to home
33% Course design
- Q:** *What conditions on a course do you find most bothersome?*
- A:** (From most to least bothersome)
Ball marks on greens

- (But they will fix them)
- Poor tees
- Inadequate drinking water on course
- Poor bunkers
- Rough too high
- Greens too slow
- Surfaces too wet

The above question was answered by all 1500 golfers. The following responses were taken from only the avid golfers:

- A:** (From most to least bothersome)
Poor bunkers
Recently aerated greens
Ball marks
Poor tees
Frost delays

In regards to golf and the environment: 90% of golfers believe in protecting the environment, whereas only 87% of non-golfers hold this view.

42% of golfers support spending money to protect the environment; 42% of former golfers hold similar views, while 38% of non-golfers support spending money on the environment.

The survey indicates that many people are neutral about the value of golf courses and their "pollution" effects!

The above is just a quick sampling of some of the survey results. As mentioned earlier, the complete survey results can be found in upcoming issues of GCM magazine. ■

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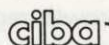
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USGA '95 – Year in Review

Continued from page 1

reduced ability to control nematodes with other stresses endured this year and it is easier to understand how some damage was inevitable. On those greens where damaging nematode populations exist, treatment before severe damage occurs is more effective. This may mean a spring application of a nematicide. But nematicide applications alone seldom prove successful. Other stresses must also be reduced. A green that suffers limited light and/or air movement, is too small for the play it receives, or is improperly fertilized or watered, will suffer more severely from nematode injury.

LESSON 4

Traffic management should begin in the spring and continue through summer—before damage occurs.

Every superintendent knows where golfers most often enter and exit greens. Every superintendent knows exactly which areas of the greens suffer the most during the summer. Not surprisingly, the two areas often coincide. What every superintendent does not do is divert traffic from concentrated areas before the turf is injured. Superintendents who instituted traffic-control measures before damage occurred fared better than those who waited until the turf was damaged. It is very difficult to recover injured turf at the height of playing season. Take steps early in the spring to spread traffic over a larger area. There will be golfers who ignore your efforts and even some who remove ropes and signs. But if even half cooperate, you reduced traffic by the same amount.

LESSON 5

Fungicides cannot always stop a disease organism from continuing to cause injury.

One of the most dangerous misconceptions regarding fungicides to control disease is that if you just iden-

tify the organism correctly, and apply the proper fungicide, disease activity will stop. Fungicides result in less-favorable growing conditions for the disease organism. It may even reduce the activity of the organism to the point that further injury is unnoticeable. However, it is also possible the fungicide will only help prevent the organism from causing as much damage as it would have without the application. In other words, the turf may continue to get worse, but not as quickly as it would have without the fungicide.

When this occurs, the superintendent might assume he/she diagnosed the wrong disease pathogen, or applied the wrong fungicide. Such assumptions are usually followed by shotgun applications of a variety of fungicides in the hope something will stop further injury. This can actually cause more problems, particularly with fungicides that have growth-regulation activity (see Lesson 6).

What must be realized is that, in addition to applying a fungicide, other steps must be taken to provide better growing conditions for the turf (resulting in a turf that is better able to withstand disease injury) and less-favorable growing conditions for the pathogen. Providing additional light and air movement, reducing traffic, and better water management will make fungicide applications more effective and hasten turf recovery.

LESSON 6

Too many chemicals can cause as much damage as too many pests.

During a bad summer, disease pressure may be so high fungicides do not provide needed control. This can lead to shotgun-like applications of everything in the storage building. When making multiple applications, great care must be taken to avoid unwanted interaction between products. Many top fungicides have growth-regulation activity. This does not mean they are bad. It does mean if multiple applications of different

products with growth-regulation characteristics are made, there is a strong possibility excessive growth-regulation will occur. On healthy greens, this would cause little if any problem. However, on already-troubled greens, excessive growth regulation could easily slow recovery and even cause greater injury.

LESSON 7

Air movement and light must be provided.

I have long said the best fungicides on the market are Homelite, Stihl, and McCollough. Regardless of how well built a green may be, unless good growing conditions are provided the putting surface will suffer during climatic extremes. Ever notice how when a course decides to rebuild a green or two it picks the louisiest greens on the golf course to plow under? Invariably the course spends a lot of money on drainage and root-zone mixture, but does nothing to correct other stresses that caused the old greens to fail. Good drainage and a permeable rootzone do nothing to provide light and air movement.

LESSON 8

Lines of communication with course leaders must be established before problems occur.

I have heard many superintendents say the best green chairman is one who leaves them alone. I have even heard this management philosophy promoted by a chairmen. Such a management style might work well during an easy year, but in bad years lines of communication better already be open and functional. There was a lot of explaining going on this season as greens passed away. On some courses, the management team functioned well and golfers made aware problems were unavoidable. At other courses the superintendent's explana-



1996 MAAGCS Meeting Schedule

Please Post This Schedule for Your Convenience

March 12	Swan Point C.C. Host : Rick Hildreth	Open Play: Tee Times 10:00 - 1:00
April 9	Holly Hills C.C. Host : Mike Legere, CGCS	Four Man Scramble 12:00 Shotgun
May 15	Queenstown Harbor G.L. Host : Bill Shirk, CGCS	Supt-Pro Championship 12:00 Shotgun
June 11	Prospect Bay C.C. Host : Gerald Hasbargan	Points Tournament Tee Times 10:00 - 1:00
July 9	Hidden Creek C.C. Host : Lentz Wheeler	Two-Ball Championship Tee Times 10:00 - 12:00
August 13	Hobbits Glen G.C. Host : Bill Neus, CGCS	Annual Picnic Open Play
September 10	Rattlewood G.C. Host : Nick Vance, CGCS	Open Play : Tee Times 10:00 - 1:00
October 8	River Downs Golfers Club Host : Thomas Tuttle	Annual Championship
November 12	Caves Valley G.C. Host : Bruce Cadenelli	Open Play : 12:00 Shotgun
December 10	Turf Valley Hotel & C.C. Host : Michael Gilmore	Open Play (weather permitting)

tions were viewed as excuses and the problems seen as failures. Communication was the difference.

LESSON 9

Greens nurseries are not luxury items.

I doubt anyone underestimates the value of a source of good sod after this past summer. It is next to impossible to find sod that is maintained at green height and more difficult to find sod that perfectly matches your greens. This is especially true on older bent and bermuda greens where the turf may be composed of various biotypes and/or *Poa annua*. A greens nursery is not an optional item. Every course should have a minimum of 5000 square feet maintained on a daily basis and more if the greens have a history of failure. It's too late to think about building a nursery once damage occurs.

LESSON 10

Tenure in the superintendent's position is a tremendous advantage.

There is a trend in the golf course superintendent's profession to change positions every few years (either voluntarily or by necessity). There also seems to be a trend toward younger

superintendents. It seems once superintendents hit their late 30s they start looking at a change of professions (probably something to do with job security and retirement benefits).

While there are probably benefits to frequent changeover, they are outweighed by the lack of detailed knowledge about a piece of property one only gains through experience. During tough years, graduates from the school of hard knocks fare better than those still in their first couple of years of study.

LESSON 11

Superintendents cannot afford to get too far from the greens.

Today's superintendent has many responsibilities, all of which place additional demands on their time. In many cases these extra duties result in the superintendent spending less time actually on the course. Today's superintendent is much more dependent on his/her staff than ever before to notice problems early. But as limited as the superintendent's tenure may be, the tenure of assistant superintendents is even less.

Administrative duties must not further limit the time a superintendent actually spends on the course. Most office work can be accomplished by a full- or part-time secretary. A good

secretary who gives the superintendent the freedom to scout his/her greens more frequently may be the best investment a course makes.

There are many lessons we all learned this past summer. One of the most important was that, in spite of the progress we have made in terms of better equipment, better products, and better-trained superintendents, we still have very little control over Nature. There will be times turf suffers in spite of the best of programs. It is important not to lose confidence in sound programs or yourself because of a tough year.

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ATTENTION CLASS F MEMBERS!

The deadline for your supporter listing to be included in the 1996 MAAGCS directory is fast approaching!

All companies who wish to be included in the directory "blue pages" must forward their listing information to Chris Ayers, Director of Communication, no later than May 1, 1996.

Plan Now for the Annual Superintendent-Pro Championship

Wednesday, May 15, 1996
@ Queenstown Harbor Golf Links
"Spikeless" Tournament

Baby Bond!

Members with children born in calendar year 1995 should contact Social Director Gordon Caldwell, CGCS for details.

News & Notes

New Members

John Gilman
A.C. Schultes Class F

Joel Simmons
Earthworks Class F

Enos Sage
Tesco Class F

Eric Larsen
Tesco Class F

Henrique deHolanda
Chestnut Ridge C.C. Class B

Howard Meredith
Meredith Chemical Class F

Terry Coughenour
Great Hope G.C. Class D

Stephen Johnston
Bartlett Tree Experts Class F

Eric Ault
Ault & Clark and Assoc. Class F

Bob Clements
G.L. Cornell Co. Class F

James Pfisterer
Environmental Air
Technology Class F

Alan Phillips
Coatsville C.C. Class G

Phil Rouchard
Piney Branch C.C. Class D

Daniel Schlegel
Ault & Clark and Assoc. Class F

Wayne Watkins
Holly Hills C.C. Class D

Reroutings

James Hansen-Black, formerly at Old South CC, MD, is now at Twin Shields GC, Dunkirk, MD.

Paul Corder, formerly assistant superintendent at The Players Club at Avenel, is now the superintendent.

Steven Raube, formerly at Rock Creek Park GC, Washington, DC., is now at Queenstown Harbor GL, Queenstown, MD.

Andrew "Drew" Scully, formerly at Cattail Creek CC, MD., is now at Greystone GC, Towson, MD.

Mark Stoddard, CGCS, formerly at The Players Club at Avenel, MD., is now at Charlotte CC, Charlotte, NC.

Congratulations

Chris Ayers, superintendent at Lakewood CC, and his wife Judy had a daughter, Abigail Ross, on December 11.

Russ Davis, superintendent at Baltimore CC, and his wife Krista had a daughter Emma Nadine, on December 15.

Get Well Wishes

Doug Bader, Towson Golf & Country Club, had back & neck surgery in January.

Steven Mays, Carroll Tree Service, had back surgery in January.

Michael Gilmore, Turf Valley Hotel & Country Club, had knee surgery in February. ■

1996 MAAGCS Committees

These members have volunteered their time and services to the following committees:

Communication

Chris Ayers – Director
Dean Graves
Bruce Cadenelli
R. Tucker Mostrom
Kevin Pryseski, CGCS
Doug Fleming
Lentz Wheeler

Social & Benevolence

Gordon Caldwell, CGCS – Director
Jeff Vietmeier
Mike Barrett

Golf

James McHenry – Director
Tim Sage
Ben Stagg
Paul Masimore, CGCS
Mike Evans

Membership

Gregg Rosenthal — Director
Brian Zickafoose
Mike Legere, CGCS
Lester Tanner, CGCS

Education

Sean Remington — Director
Edward Gasper
Thomas Tuttle

Finance

Nick Vance, CGCS – Director
Wayne Evans, CGCS
Thomas Ritter
David Rudinski

SCHOLARSHIP OPPORTUNITIES

GCSAA Student Essay Contest

CASH AWARDS!

**Entry Deadline:
March 31, 1996**

This contest is open to undergraduate and graduate students pursuing degrees in turfgrass science, agronomy, or any other field related to golf course management. For further information, contact GCSAA or the MAAGCS Education Director, Sean Remington.

MID-ATLANTIC NEWSLETTER SUPPORTERS

Patrons listed on this page are supporting our Association. You are encouraged to support them.

ACE NURSERIES/ACE TREE MOVERS

Large landscaping materials and tree moving.
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Buckner irrigation systems and design, aerators, pump systems, irrigation supplies.
Phil DeMarco, Hammonton, NJ (609) 561-1777
Rick Hill, Chantilly, VA (703) 958-7081

AULT, CLARK & ASSOCIATES, LTD

Golf Course Architectural Design & Consultant Services
Brian T. Ault
Thomas E. Clark (301) 942-0716

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Bluegrass sod blends, turf type tall fescues, bentgrass.
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An environmental firm specializing in the golf course industry. Services include pond assessment & management, groundwater development & permitting, environmental management for construction projects, Audubon certification assistance, and detailed as-built mapping.
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Fungicides, insecticides, herbicides & plant growth regulators.
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W.A. CLEARY CHEMICAL CORP.

Quality turf and ornamental products, including fertilizers, fungicides, herbicides, insecticides, and specialty products.
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Vertidrain & Hydroject Service
Complete solid or core aeration using Verti-Drain. Also available, a Hydroject unit to allow for aerification any time during the season. Call today for your appointment.
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ISOLITE, Menefee Humate, O'Malley Mulch, Kirby Markers, EcoSoil Systems-Bioject, Eco K+, Eco calex, Eco Phos, CSI Concrete, HazMat Buildings, Allen Air Cushion Mowers
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Topdressing, constr. mixes, fertilizers, wetting agents, trap sand.
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FINCH TURF EQUIPMENT COMPANY, INC.

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Larry Cornell, Bill Brown, Terry Hill, Dave Fairbanks, Bob Clements, Wayne Evans
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TD 1000, topdressing blends, T'nG for bunkers, straight sand topdressing, CMplus and filter layer for construction.

Dorothy Stancill (410) 679-9191
Represented by Prolawn Products
Tom Malehorn (410) 876-7474 or (800) 676-8873
Marc Bujac (301) 464-5993

HELENA CHEMICAL COMPANY

Your complete source for turf & ornamental products.
Don Rossi Office: (410) 515-9660
MD & VA Fax: (410) 515-9661

JETER PAVING CO., INC.

Cart/jogging paths, roadways, parking lots, Asphalt construction, repair, overlay, striping, sealcoating, and crackfill.
Gene Snowberger (301) 797-6941

KEEN CONSULTING, INC.

Specialist in interpreting the most technologically advanced soil, water, and tissue analysis to greatly enhance turf management. Affiliated with Brookside Laboratory Assoc.
Tony Keen, Tak Keen (302) 697-9575

LEBANON CHEMICAL CORPORATION

Manufacturers and formulators of Country Club Greenskeeper and Lebanon Pro Fertilizer and NX Pro Fertilizer.
Paul Grosh (800) 233-0628
Junior Ruckman (540) 869-2826

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A complete line of quality fertilizer and turf maintenance products.
Ed Walker (800) 321-5325 or (410) 850-1984

LOFTS SEED, INC.

Turfgrass seed
John Bader (301) 937-9292

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Ijamsville, MD.
Tennis, pool, golf course fence installation and repair, plus driving range netting 25' - 50' high.
Larry Ritter, Terrye Gamage
(301) 428-9040 or (800) 222-9850

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Golf course construction and maintenance.
John McDonald, Erik McDonald & John McDonald II (410) 799-7740

MARVA RESOURCES, INC.

Eagle One golf products, lumber & site furnishings, recycled plastic fencing.
Neville Martin (703) 532-0867
or (301) 670-6137

MID-ATLANTIC EQUIPMENT CORP.

E-Z Go turf & utility vehicles, personnel carriers, new and used golf cars.
Rick Arnold, Gillet Boyce, Paul Tideman, and Roscoe Shupe (800) 982-3804

MOORE GOLF, INC.

Construction & remodeling of golf courses, as well as, irrigation systems.
David Canavan (703) 925-0211

J. DAVID MULLINIX & SONS, INC.

John Blue Sprayers, Woods Mowers, Ford, and New Holland equipment.
Mike Mullinix (301) 442-2688 or (301) 489-4363

NEWSOM SEED COMPANY

Rockville, MD.
Grass seed, new varieties, custom mixes fertilizers, and chemicals.
Strick Newsom, Allen Bohrer
(301) 762-2096 or (800) 553-2719

OAKWOOD SOD FARM, INC.

Meyer & Belair Zoysia, Tufcote & Vamont Bermudagrass, Turf Type Tall Fescue, Bluegrass blend sod. Forklift delivery.
Gary Wilbur (301) 742-3086
Alan Wilbur (301) 846-3542

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Supplying Lebanon Chemical fertilizers, Seed Research of Oregon turfgrass varieties and blends, plus many other fine products for quality turf.

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Leading manufacturer of golf course chemicals.
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continued on page 12

Mid-Atlantic Newsletter Supporters

Continued from page 11

RUSSELL ROBERTS CO., INC.

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Jack Roberts (301) 762-3270
Jimmy Roberts (301) 977-7961

A. C. SCHULTES INC.

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bentgrass, UHS Turfgro products, (seed, fertilizer, chemicals, & lime).

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The research, production, and marketing company. Developers of turf-type perennial rye-

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Sixty years after our doors first opened we still live by one rule: "Sell the finest equipment made and back it up with the best parts and service support possible."

This year we celebrate Jacobsen's Diamond Anniversary. With new products like the Greens King V and the second generation Tri King 1900 series, Jacobsen has listened carefully to what you said you needed in performance and



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Jacobsen Division of Textron Inc.

comfort. Whatever your challenge on the golf course, we have the experience and products to help you do your job better, faster, and easier.

We thank you for making sixty years of growth possible and promise to keep our pledge to you.

Best wishes for 1996 from everyone at G.L. Cornell.

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TURFGRASS MATTERS

Bulletin

Mid-Atlantic Association of Golf Course Superintendents

April, 1996

April Meeting Site:

Holly Hills Country Club

Tuesday, April 9, 1996 *Host Superintendent—Mike Legere, CGCS*

Golf: 4-Man Scramble, Shotgun @ 12 Noon
Call Jim McHenry @ (410) 479-0666 to Register
No Later than 3 pm Friday, April 5th
Tournament Fee \$10; Cart Fee: \$13.20
LUNCH WILL BE AVAILABLE!

Dinner: \$30.00 (Coat & Tie a must)
Cocktails @ 5pm, Dinner @ 6pm
Call MAAGCS @ (800) 726-6501
by **April 5th** to RSVP
Make Checks Payable to "Holly Hills"

Education: Dr. Peter Dernoeden, University of Md.

"Gray Leaf Spot and New Developments in Managing Diseases on the Golf Course"

Holly Hills: A Brief History



Holly Hills, nestled among 145 acres of rolling terrain in Ijamsville, MD, was designed and constructed by Russell Roberts. The 18 holes of private golf were opened for play in 1974. Kemper Sports Management of Northbrook, IL purchased Holly Hills in 1993. In addition, Richmarr Development of Bethesda, MD has purchased land surrounding the property and is building single family homes. Michael Legere, CGCS, became superintendent in 1993, and he has his work cut out for him this year.

New management and development has brought mixed blessings. A brand new 7200 sq. ft. turf care facility will make the working/living environment much more efficient and comfortable for the crew for years to come. The passage of sewer lines across nine holes of the course to supply the new houses surrounding the course may make life a little more difficult for some months to come. In addition to cleaning up after the disturbed ground in the 30

ft. wide pipe easement, Mike and his crew can look forward to repairing the effects of the blasting that was required to sink some of the deeper pipes that crossed the area. Imagine pressure waves like water hammer working from the outside-in on the nearby irrigation pipes! Remember to schedule your spring aeration to

leave yourselves a window for golf, clean air, and warm hospitality on the ninth of April. Michael Legere and his crew will be plugging away to get the course ready for us (and a few other incidental golfers), so let's use the opportunity to stretch muscles that have been too long shoveling snow. ■

Directions to Holly Hills

From Washington DC: Rt. 270N to Rt. 80 East (Exit 26-Left @ Stop sign). Right onto Rt. 355 & next left onto Rt. 80 East. Travel 2-3 miles to a left onto Ijamsville Road. 3-4 miles, cross a 1-lane bridge. Road forks after bridge, cross onto & over railroad tracks. This is Mussetter Road. Holly Hills' entrance is 2-3 miles on left. Rt. 70 bridge is too far!

From Baltimore: Rt. 70W to Rt. 75N (Exit 62-Right @ stop sign). At intersection, take Rt. 144W (left turn). Travel through New Market and look for Dynamic Automotive about 3 miles beyond. Take left onto Mussetter Road @ Dynamic. Cross over Rt. 70 and take a right into Holly Hills.

From Frederick: Rt. 15S to Rt. 70E. Take Exit 56 & turn left @ stop light to take Rt. 144 (Patrick St.) East. Travel about 4 miles & bear left under Rt. 70 to stay on Rt. 144. You will pass clubhouse on your right. Travel additional 2 miles to Mussetter Road (Take Right). Cross back over Rt. 70 & take right into Holly Hills. ■

Class F Members, Please Take Note!

The Planning Stage for this year's advertising program is **ALMOST OVER!**

- **MAY 1, 1996** is the deadline to submit your supporter listing for the 1996 MAAGCS directory "Blue Pages!"
- **Newsletter and Bulletin advertising** must be arranged immediately to ensure placement in the issue of your choice. Remember, exclusive 1/2 page Bulletin ads reach the **entire membership on a monthly basis!**

Chris Ayers, *Director of Communication*

Golf in Scotland

Gordon Murray will lead a one-week guided tour for eight MAAGCS members in September or October.

For information, contact Kenny Ingram @ Bretton Woods (301) 948-8892



WE ARE THE COURSE SUPERINTENDENTS
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Next MAAGCS Meeting:

**WEDNESDAY,
May 15th**



**Queenstown
Harbor Golf Links**



**Superintendent-Pro
Tournament**

"Spikeless" Event

Published by the
Mid-Atlantic Association of
Golf Course Superintendents

