



MID-ATLANTIC News Letter



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

VOLUME XXIII

NOVEMBER - DECEMBER, 1972

NO. 11

President's Message

We have two important meetings forthcoming. The first is the International Turfgrass Conference and Show in Boston, Mass., January 7 thru 12, 1973. The second is our own 44th annual Mid-Atlantic Turf Conference at the Lord Baltimore Hotel, Baltimore, Md., February 12 thru 13, 1973. The Mid-Atlantic has always had great attendance at National meetings and we are one of the only local associations who sponsor our own Turf Conference. We can't stress enough the importance of continuing education. As education is the prime goal of any Superintendent's Association, the Mid-Atlantic By-Laws state our object under Section C as follows: "The purposes of this Association are to promote research, to interchange scientific and practical knowledge relating to the care of golf courses and turfgrass operations, including the production, maintenance, and improvement of turfgrass, to encourage cooperation with other associations whose interest parallel or complement those of this Association and to promote justice and education to and for its members." Let us not lose sight of these purposes.

George B. Thompson,
President

December Meeting

Our December meeting will be held in Garrison, Maryland (North Baltimore area) at the Green Spring Valley Hunt Club. Our december meeting is our annual Mid-Atlantic Board of Directors election meeting; all A & B members should attend and vote for the delegate of their choice.

1973 Slate of Delegates

President -	Lee Dieter
Vice President -	Paul Barefoot
Secretary Treasurer -	Dave Fairbank
Directors -	Lou Rudensky
	Tom Commally
	Dick Silvar

Jack McClenahan, our host, has been at the Green Spring Valley Hunt Club for almost three years. Jack was formerly at the Westwood Country Club in Vienna, Virginia for seven years before taking on the Hunt Club.

The Green Spring Valley Hunt Club dates back to 1892 when hunt clubs were more in fashion than the game of golf. The addition of a golf course began in 1920 when eleven holes were built to introduce the new game. In 1950, an additional seven holes were built by Robert Trent Jones which offers a unique course with two different design concepts. The eleven holes built in 1920 are still basically unchanged from the original 1920 design.

Golf anytime
Social Hour - 6-7 pm.
Dinner - 7 pm
Election - 8 pm

Directions - Take Baltimore Beltway #695 north to Exit 20 (Reisterstown Road). Go north on Reisterstown Road 1½ to 2 miles to Green Spring Valley Road. Turn right. Club is on the left, about 600 yards.

Norbeck C.C. - November Meeting

Our November meeting at Norbeck C.C. resulted in a large turnout in spite of heavy rains and a miss-scheduled GCSAA Management Seminar on the same date as our meeting.

Some six golf enthusiasts swam the front nine before seeking shelter. Lou White, from Green Hill Yacht & C.C., stated the course was immaculately groomed and he was disappointed that more people could not have played and enjoyed the golf course.

Bill Livingston, our host, was ready for the rain; during the past summer he installed over 5000 feet of fairway drainage and 7000 feet of new cart paths. Russell Roberts installed the drainage lines.

Bill, a golf course superintendent for the past 25 years, has been at Norbeck C.C. since 1966. Prior to Norbeck Bill worked north of us at the "Shawnee on the Delaware C.C." Owned by Fred Waring. Bill obtained his certification as CGCS at the 1972 Turf Conference in Cincinnati.

Our speaker for the evening was Peter Spinney, a pollution control expert from Wapora Inc., a research and consulting firm concerned with pollution control. Mr. Spinney spoke largely on the use of the sludge materials as potential fertilizer for the turf industry. In the years to come he will be expected to contribute our efforts in the ever increasing battle of pollution control thru the utilization of waste materials. Many questions followed Mr. Spinney's presentation; costs of sludge, how it's treated, what are the fertilizer values, and what are the results and long range effects to be expected. Unfortunately concrete answers are not yet available and the utilization of treated sludge and waste materials as fertilizer is still in its infancy stages of development in our area. At the present time cost is still the biggest factor, but we can all be assured of eventually using sludge and waste materials to help reduce our pollution crisis.

When golf course superintendents help absolve our communities disposal of sludge we will be recognized as a concerned professional association actively producing visible results of pollution control.

Our Mid-Atlantic association should pioneer the results of research firms, such as Wapora Inc., in order to assist the government, universities, and pollution research organizations to develop economical and practical disposal of sewerage sludge materials.

October Meeting — Eagle's Nest Golf Course

Our October meeting featured our annual Mid-Atlantic golf tournament and was highlighted by Geoffrey Cornish, well known golf course architect, who was our guest speaker for the evening.

Bill Emerson, our host superintendent, ran a well organized meeting and provided all the tournament entries with a challenging, well manicured golf course. Bill has been with Eagles Nest from the early construction stages through the final seeding of fairways and greens. Back in 1961 Bill worked for More Golf Inc., building a public golf course in Saratoga Springs, New York. This construction experience, coupled with his past experiences, enabled Bill to produce a top quality golf course that will stand the test of time and traffic. Bill has worked in the Mid-Atlantic area since 1963 when he took over Crofton Golf Course in Crofton, Maryland.

Following our superb dinner and oysters we were fortunate to have as our speaker, Mr. Geoffrey Cornish, one of golfs' foremost architects. Mr. Cornish presented a slide presentation illustrating golf course designs. (Mr. Cornish designed Eagles Nest Golf Course in 1969.) He stated that golf courses now occupy over 1,850 square miles of land; an area approximately the size of the state of Delaware.

Golf course construction and design will change in the future. As our population rapidly increases choice golf course terrain will become a housing development or will be developed commercially. Rough, hilly, wooded terrain will eventually be the only ground available for a golf course. One slide illustrated a course under construction in the state of Vermont; typical "Vermont sandy loam" was a boulder the size of a house, situated among other "stones" the size of automobiles.

Over the years, course designs have undergone several alterations. most evident being the change from a penal design to a strategic design. A penal design was evident when all hazards of the game were positioned to frequently penalize the average golfer. The updated strategic design offers a long safe route to the green and often a short hazardous route, thereby requiring strategy of the golfer as to whether or not to attempt a difficult shot or play safe.

A good golf hole is one that makes any golfer think before he hits his tee shot. The option of placing a drive over an obstacle or down the middle keeps the course enjoyable for the average golfer. The good player should be challenged with each stroke of the game. Bill Emerson's first hole is a perfect example of a well planned golf hole. A severe dog leg to the right with a challenging access route to the green from over the trees. The average golfer will stick to the middle of the fairway and will have an open second shot to the green.

The average golfer pays the bulk cost of golf course maintenance and should not be discouraged from playing by being confronted with the toughest 18 holes in golf. A golf hole can be challenging with only a well placed tree or trap to govern the tactical play of a hole.

Trap Design	Greens	Fairway
World War I	at edge of green	anywhere
World War II	25-30 feet out	150-170 yards out
Contemporary	12-15 feet out	240 yards out on left 220 yards out on right

The contemporary fairway trap design will penalize the good golfer who tries a short cut. An occasional 180 yard fairway trap is still installed to offer the average golfer an obstacle to shoot over.

Old traps were commonly holes in the ground brim full of sand. Today's design offers raised traps with some grass lip or sides to provide asthetic appeal to the hole as well as a hazard. Raised traps are better drained and easier to maintain. New traps are also considerably larger in size and vary in design. Frequently 500 to 1,000 cubic yards of sand are required to fill a sand trap today.

Extensive well planned landscaping beautifies the grounds and offers much potential variation for hazards on the course. Once again, Bill Emerson's course is a good example of careful landscape design. Trees are used for barriers between greens and tees, dogleg hazards, erosion control, green backdrops, screens and general beautification. (Carl Schoening, Chief horticulturist, Department of Parks, M.N.C.P. & P.C. wrote us a good article on the beauty of trees in our May newsletter.)

Mr. Cornish finished his presentation by pointing out that all great golf courses contain the four principles below:

1. Improved design
2. Sound specifications
3. Methodical construction
4. Much landscaping.

Mid-Atlantic

Meeting Reminder

ANY MEMBER OR GUEST PLAYING GOLF STAYS FOR DINNER.

Do not bother to come if you only want to play golf.

If your host superintendent requests cards, be courteous enough to return cards before coming to the meeting.

Paul Barefoot, U.S. Soldiers Home, has been re-elected National President for a second term of the Professional Grounds Management Society. CONGRATULATIONS PAUL!!!!

Safety For Tree Workers

Back in our September Newsletter we enjoyed an article on trees titled "How to Butcher a Tree" by Dr. George Blake of the Univ. of Minnesota. This article was very well written and entertaining to read, but did not seriously point out safety regulations we should be aware of.

Tree work, be it pruning or dropping a dead tree, faces every superintendent in the fall and winter months of the year. While light pruning can often be taken care of with our summer help, the heavy and dangerous tree operations take place when the turf maintenance slows down and all the fall leaves are finally out of the way. We also have the added value of frozen ground to drop dead trees on during the winter months.

Safety with tree work begins with a complete instruction of the operation of the chain saw. I consider my chain saw the most dangerous tool I have to operate. All operators should be instructed to treat the saw as he would a gun — never point it at anybody. Proper adjustments and oil and gas mixtures can be taught in the shop, but actual cutting techniques have to be demonstrated on the job.*

Tree workers must be encouraged to form safe working habits. This may be done by constant encouragement, discussion, and demonstration.

There is at least one right way and almost invariably numerous wrong ways to do every job. Following are some safety suggestions:

1. Know the basis rope knots if climbing in trees.
2. Do not climb or work in a tree when the bark is wet.
3. Avoid big tree work on windy days.
4. Only one man in a tree at a time.
5. Never less than two men when working with a chain saw — one cuts while the other removes the brush and cut wood.
6. Make daily inspection of all tools, rope, and other equipment.
7. Hard hats should be worn by all men working with trees.
8. Under average working conditions the working load placed on a rope should not exceed one-sixth of the breaking load or one-fourth the breaking load if the rope is new.
9. Ladders should not be used in tree work unless the base can be set on a firm foundation.
10. Lowering ropes should be used if the ground is not frozen or ground damage is anticipated.
11. Do not attempt to work on trees near electrical power lines — call in Pepco or professional tree experts.
12. Under cut a tree before making a final cut to drop a tree.
13. Small brush should not be cut with a power saw — limbs can cause injury to the operator.
14. Do not allow logs or brush to accumulate at the site of tree work.

Normally we are expected to accomplish all necessary tree maintenance with our own workforce and equipment. I would expect that none of us are as well equipped as professional tree service companies. Consequently, everyone should exercise caution when improvising for lack of proper rope, saddles, etc. Call in insured professionals when in doubt.

Keep in mind the accident rate in the field of tree specialists is higher than almost any other industrial line of work, as indicated by the high insurance rates that are required of commercial tree organizations.

Craig Spottswood
Editor

*Read *Power Saw Safety* in Nov issue.
Weeds, Trees & Turf



Annual Golf Tournament Results

59 Golfers

\$500 in Prizes

Our Annual Tournament brought out a field of 59 golfers, largest ever for the year. David Fairbank, our golf committee chairman, obviously worked long hours preparing for this tournament, for which we are all grateful.

Class A & B Championship Flight

1st and 2nd low gross — Bill Glover Trophies — Tied Tom Comalli and Craig Rhoderick. (Play off - December Meeting — Green Spring Valley Hunt Club)

3rd low gross - Dick Fisher

1st low net — Ron Hall

2nd low net — Virgil Robinson

3rd low net — Sam Kessel

4th low net — Ralph Strough

Class A & B Handicap Flight

1st low net — Rubin Heinz Trophy — Gillie Shapiro

2nd low net — Rubin Heinz Trophy — David Fairbank

3rd low net — Lee Deiter

4th low net — Bob Orazi

5th low net — Lou Rudinski

Class C — D — F — G — H Flight

1st low gross — Mike Whitt

1st low net — Glen Swenson

Class E (associate) Flight

1st low gross — George Wingo

1st low net — Charles Johnson

Guest Flight

1st low gross — Lee Jarman

1st low net — N. Steffins

Longest Drive — Paul O'Leary

Closest to Hole — Vernon Sullivan

Highest Score — Ralph Strough

Job Openings

Ocean City Yacht and Golf Club, Route #2, Berlin, Maryland 21811; 27 holes; Automatic irrigation; house provided; salary open, paid expenses for attending educational meetings; paid vacation.

Send applications to Mr. Hugh Wilde — phone 1-641-0791; or Mr. Herman Sorin c/o Ocean City Yacht and Golf Club.

Army Navy Country Club ; 27 holes; automatic greens & tees; salary open; fringe benefits; under age 45; advisory capacity to 18 hole annex Fairfax, Va. Contact: Col. J. A. Sims, General Manager; 2400 South 18th Street, Arlington, Va. 22204 — phone 703-521-6800

Mid-Atlantic Course Maintenance Survey

Enclosed in this newsletter is a one page questionnaire. This survey is designed to assist us individually and as a group to better inform us of typical expenditures for our maintenance operations. An analysis of the answers from this survey will provide useful figures to substantiate future expenditures within our own club budgets.

Secondly, these figures will let you know where you stand in relation to the other Mid-Atlantic golf course operations—from labor and hourly wages through expenditures for supplies and power equipment.

What is the average hourly wage for a mechanic or greensman? Is your salary above or below average for our Washington area? What do other clubs annually spend on equipment maintenance or new equipment? Does your chemical costs seem high or low compared to other courses? Does the maintenance cost of your irrigation system substantiate updating or replacing your old system?

We often justify the cost of new equipment on the present man hours required to complete a maintenance operation. The results of this survey could illustrate to your club officials a potential savings of manpower with an increased equipment replacement program.

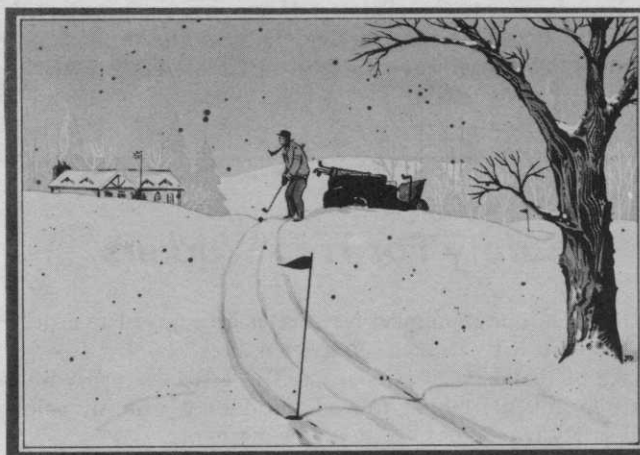
The potential values of this survey are all to numerous to mention; for we can all find different applications for figures and statistics. As stated in the last newsletter, the identify of each respondent will remain confidential and all questionnaires will be destroyed after the completion of our survey.

A comparison of all operational and maintenance costs will be made by a grouping of a high, low, and average cost for each operation questioned. In order for these figures to provide us with accurate information every Mid-Atlantic golf course superintendent must complete and send in the questionnaire. A 100% accuracy is only obtainable with a 100% response.

We are conducting this survey for the benefit of our Mid-Atlantic members. Don't short change yourself on obtaining useful information. Answer all questions, and send the questionnaire to:

Mid-Atlantic Survey
14405 Pecan Drive
Rockville, Maryland 20852

As others see us...



*Christmas Cards From
Bob Milligan — Gunpowder C.C.*

Class E (Associate) Membership Frozen

The Board of Directors of the Mid-Atlantic has voted to withhold all Class E membership applications until further notice. (We must protect our voting rights at the National).

Membership Applications

At the October 19 board meeting, two new applications were read and are being published here in accordance with our by-laws. Unless written objection is received within 30 days after publication these men will become active members with their requested classifications.

Lee Jarman — Class D Assistant — Hunt Valley Country Club
Glenn S. Shields — Class H Student — Woodmont Country Club

MID-ATLANTIC GOLF COURSE SUPERINTENDENTS ASSOCIATION

1972 COURSE MAINTENANCE SURVEY

(use only 1972 budget figures)

1. Is your club private? _____ county or municipal? _____
semi private? _____ public? _____
2. Number of holes at club: 9 _____ 18 _____ 27 _____ 36 _____
3. How many acres do you regularly maintain? _____
4. For what other sports facilities are you responsible? _____
5. What is your golf course maintenance budget excluding labor? _____
6. What is your golf course labor budget? _____
7. What is your budget for chemicals, fertilizers, and seed? _____
8. What is your budget for sand and soil? _____
9. What is your budget for gasoline and lubricants? _____
10. What is your average budget for new equipment & machinery? _____
11. What is your average budget for repair of equipment? _____
12. What is budgeted for course reconstruction & improvements? _____
13. What is budgeted for flowers and landscaping? _____
14. What is your budget for course supplies?(pins, flags, etc.) _____
15. What is club's annual income from dues or other means? _____
16. Does club have a manual or automatic irrigation system? _____
17. How old is the system? _____ Installation cost? _____
18. Is your irrigation on city water? _____ Pond water? _____
19. What is annual cost of irrigation repair? Parts _____ Labor _____
20. What is your mechanic's annual salary? _____
21. What is your forman's annual salary? _____
22. What is your assistant's annual salary? _____
23. What is your average hourly wage for labor? _____
24. What is your labor budget for club grounds and other areas? _____
25. How many men do you employ year round? _____
26. How many men do you employ seasonally? _____
27. What is your superintendent's salary excluding benefits? _____
28. What following benefits does your club provide?
Clubhouse privileges _____ Meals _____ Contract _____
Health insurance _____ Lodging _____ Annual bonus _____
Life insurance _____ Pension _____
Transportation _____ Vacation _____
Expense account (conferences, local meetings, etc) _____

Name of club _____

Signature _____

RETURN SURVEY TO: 14405 Pecan Drive
Rockville Maryland
20853

Do You Have Zoysia?

Happy with it? Unhappy? We would like to hear about your experiences. We, (Dr. Hall and myself) are about to start some experiments with zoysia. Before beginning we would like to have your comments on this grass. Will it take winter traffic? How do you manage it so that thatch build up is not a problem? Would you use it more if it were easier to establish? Have you had any severe insect disease problems with it? What height of cut do you maintain it at? Is this zoysia on your tees, greens, fairways, lawns? What variety? Write or call Dr. Douglas T. Hawes, Agronomy Department, University of Maryland, College Park, Maryland; 20742. Phone 301-454-3717.

Dr. Douglas Hawes

Pre-registration by Mail

Advance registration for the Annual Mid-Atlantic Turf Conference February 12 and 13, may be made by post card which will be sent to all members. Reservations may be made for the conference as well as for rooms at the Lord Baltimore Hotel.

Fly to Boston

Alleghany Airlines – Sunday January 7, 1973

From Baltimore		Arrive Boston	
8:00 am	non-stop	9:05 am	\$49.00
9:13 am	1 stop	11:02 am	round trip
11:55 am	non-stop	1:00 pm	per person

From Washington		Arrive Boston	
12:35 pm	2 stops	3:03 pm	\$53.00
5:15 pm	1 stop	7:25 pm	round trip
			per person

Return From Boston		
7:00 am – 8:10 am		
12:00 pm – 1:39 pm		All return flights
3:10 pm – 4:20 pm		to Baltimore
5:35 pm – 6:44 pm		
9:05 pm – 10:14 pm		

The round trip rates of \$49.00 and \$53.00 are only available as a group rate of ten or more people per flight. Individual rates are available at \$75.00 and \$78.00 per pers.

Checks should be made payable to: **Alleghany Airlines**
Send airline checks to one of the below addresses.

Questions??? Contact one of the Mid-Atlantic members listed below:

John Gross
620 Register Ave.
Balt. Md. 21212
phone: 301-377-6172 (after 6:00 pm)

Angelo Cammarota
13520 Layhill Road
Silver Spring, Md. 20906
phone: 301-460-1056 (after 6:00 pm)

John Strickland
611 Hdnderson Road
Bel Air, Md. 21014
Phone 301-879-1092 (after 6:00 p.m.)
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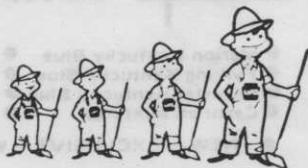
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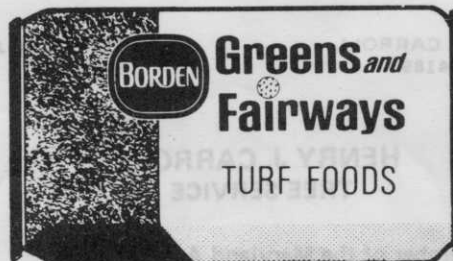
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IMPORTANT DATES

December 4-6

Agronomy Short Course
National 4H Center
Chevy Chase, Maryland

December 12

Mid-Atlantic Meeting
Green Spring Valley Hunt Club
Host: Jack McClenahan
Election Meeting

January 7-12

GCSAA Turf Conference & Show
Boston, Massachusetts

February 12-13

Mid-Atlantic Conference
Lord Baltimore Hotel
20 West Baltimore Street
Baltimore, Maryland

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.

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Manor Country Club
Rockville, Maryland 20853
Editor - 301-929-1707

MID-ATLANTIC News Letter

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ROCKVILLE, MD. 20853

