

ATLANTIC NEWS Letter

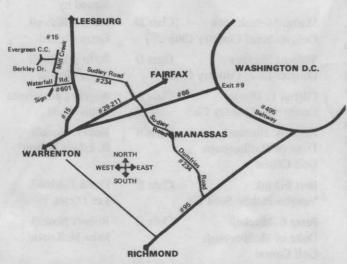


Published by
Mid-Atlantic Association of Golf Course Superintendents to aid in the Advancement of the
Golf Course Superintendent through Education and Merit

VOLUME XXVI

JUNE 1975

NO. 5



EVERGREEN COUNTRY CLUB, 16 miles from Manassas. Phone: 754-4125. From Washington, take #66W, 234N left on #15 for ½ block, right on #601, Waterfall Road, 1 mile until sign: "Evergreen Country Club," right on Mill Creek Road for 1 mile, entrance to Evergreen Club on left, stay on Berkely Drive until Club House. From Richmond, take #95N to #17N to #15N to Waterfall Road #601—follow signs to Evergreen. From Baltimore, take US #15 South to Waterfall Road #601. Follow signs to Evergreen.

June 10 Meeting

The Evergreen Country Club was formed in 1968 and construction was started in the Fall of 1968.

The front nine was seeded in mid-April of 1969 and open for play in September of that year. The clubhouse building was also done at this time.

The back nine was seeded in the Fall of 1969 and opened for play in the Spring of 1970.

The Greens are Penncross and average over 7500 sq. ft. with automatic irrigation. Tees are also Penncross and average over 5000 sq. ft. with automatic irrigation.

The Fairways are Bluegrass mixtures with manual irrigation. The golf course was constructed with no parallel holes.

The golf Pro is Bruce Lehnhard who has been with the Club since 1970. Our Club Manager is Kenneth Iverson who joined us this Spring of 1975.

Golf can be played anytime during the day and carts are available. Lunch is served in the dining room from 11:00 on throughout the afternoon. Cocktails from 6:30 to 7:30 with dinner following.

Evergreen is located a short distance off Route 15 near Haymarket, Virginia. Fairfax, Leesburg, Manassas, Middleburg, The Plains, and Warrenton are within a few minutes' drive of the Club. (Continued on page 2)

President's Message

Needless to say this has been a long, crazy winter and much of what most of us in the Mid-Atlantic area had planned to do had to be postponed until a later date. I hope that by the time you get this newsletter the warm weather will be with us and all of your scheduled turf management programs are in working order.

Several years ago the High School Principal's Association of the State of Washington published a set of rules on how to get along with people and also with yourself. I thought this would make for good reading and just maybe a little more stature for us all to think about each one of these: "Nine Rules for Happiness"...

- (1) Keep skid chains on your tongue; always say less than what you think. Cultivate a low persuasive voice.
- (2) Make promises sparingly and keep them faithfully, no matter what it costs you.
- (3) Never let an opportunity pass to say a kind and encouraging word to or about somebody. Praise good work done regardless of who did it.
- (4) Be interested in others; interested in their pursuits, their welfare, their homes and families. Let everyone you meet, however humble, feel that you regard him as a person of importance.
- (5) Be cheerful. Keep the corners of your mouth turned up. Hide your pains, worries and disappointments under a pleasant smile.
- (6) Preserve an open mind on all debatable questions. Discuss, but don't argue. It is a mark of superior minds to disagree, and yet be friendly.
- (7) Let your virtues, if you have any, speak for themselves, and refuse to talk of another's vices.
- (8) Be careful of other's feelings. Wit and humor at the other fellow's expense are rerely worth the effort and may hurt where least expected.
- (9) Pay no attention to ill natured remarks about you. Simply live so no one will believe them.

"It's great to be great, but it's greater to be human."

Will Rodgers

Alex Watson

JUNE 10 MEETING (Continued from page 1)

The old stone and frame Evergreen Stables have been renovated and enlarged to house dining and bar facilities, the pro shop, and golfers' locker rooms.

Golf at Evergreen begins and ends at the Clubhouse. Meandering over the Club's 271 gently rolling acres, the course offers the golfer an abundance of natural and man-made hazards, together with the area's finest scenery.

The course was designed by Golf Architect Algie M. Pulley of Fairfax, a two handicap Engineering graduate of the University of Virginia.

Taking advantage of what had been verdant, tree-flanked farmland since before the Civil War, Pulley designed a layout which has preserved the natural beauty of the site. He has utilized open land as fairways, retained wooded areas as hazards and channelled water from the Bull Run mountains into seven creeks and ponds that come into play on eight holes. This, plus traps at every green and others located strategically in fairways, places a premium on accuracy.

Distance is also important. Measuring 6,600 yards from the regular tees, the course stretches to a formidable 7,125 yards from the championship tees.

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Membership Changes

The following have made application for membership to the Mid-Atlantic Association of Golf Course Superintendents, or are requesting a change in membership classification. This list is being published here in accordance with our by-laws. Unless written objection is received within thirty days after publication, these men will become active members with their requested classification.

		Signed by	
Martin Nadenicheck Congressional Country Clu	Class D	Warren Bidwell Gerry Garard	
Vincent Sharkey Congressional Country Ch	Class D	Warren Bidwell Gerry Garard	
Clifton F. Olinger Cambridge Country Club	Class A	Angelo Cammarota Louis White	
Keith A. Hummel Duke of Marlborough Golf Course	Class B	Robert Novelli B. Edwin Wilson	
Bert Elfrink Vaughn-Jacklin Seed Co.	Class E	David Fairbank Lee Dieter	
Peter E. Mitchell Duke of Marlborough Golf Course	Class D	Robert Novelli Mike McKenzie	
Robert C. Smith Westwood Country Club	Class D	David Fairbank Tom Haske	
Anthony Goodley	Class B - Cl	Class A	
George W. Murphy Ocean City Golf & Yacht Club	Class A	Louis White Ben Stagg	
Fred Scheyhing Jr. Chevy Chase Club	Class A	Craig Spottswood George Thompson	
Russel J. Bateman	Class D	Hobbits Glen C.C. Assistant Angelo Cammarota	



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In Defense of Perennial Ryegrass

by Lee C. Dieter, CGCS Washington Golf and Country Club

I was quite surprised by Dr. Hall's article in the May Agronomist. Many of the Washington area superintendents have been using the new perennial ryegrasses quite successfully for the past few years. I began by experimenting about six years ago. I'm now committed to what I think is a sound program of their use. I feel that the article's title rings a true note—"Don't Send a Ryegrass to do a Bluegrass's Work," for I've yet to see a Bluegrass variety that will perform like some of these Ryegrasses. I will not, in these following lines, defend the use of Ryegrass in new seedings. I myself, would try other species in initial establishment. I'm going to confine my remarks to its use on existing golf courses in the Mid-Atlantic area.

Many of us Mid-Atlantic Turf Managers feel we have been throwing our money away trying to get a little Bluegrass established on our golf courses. Each new hybrid raised our hopes again. The thatcher seeders looked like they might help. But, alas, how much Bluegrass do we have in our fairways now after all this time, effort, and frustration.

High soil temperatures, golf turf height of cut, Fusarium roseum, other diseases and limiting factors just won't allow us to grow good Bluegrass turf.

As many of you know, I've got thirteen nice Pencross tees from three to six years old here at Washington Golf and Country Club. This was accomplished by a rebuilding program and a solid Bentgrass maintenance program. This program costs plenty. The five other tees were small Poa Annua tees! Two are par threes. These are the tees I started experiments with Rye.

I started looking seriously at the Perennial Ryegrasses in the summer of 1971 when my newly seeded tees held up so well. I noted especially it's ability to hold up to the 7/8 inch of cut, its vigor in competing with Poa Annua and Crabgrass and how it managed to hold up in the hot weather. Sure it thinned out a little and allowed a few



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weeks to come in. But it still provided me with the best 1st tee I'd had to date without rebuilding.

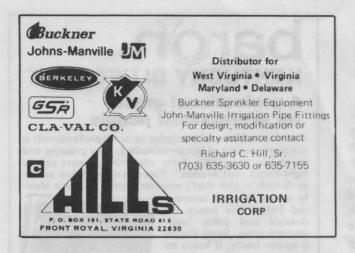
The next year (72), I seeded all five of my old tees with Ryegrass, some to a Pelo and some to Manhattan. I was pleased and so were my members. In 1973 I seeded these same tees and about 8 ft. of my aprons to Manhattan as I felt it performed a little better than Pelo. All these past seedings were (after thatching) at 5 lb. per 1,000 sq. ft. I also seeded four fairways that fall at 45 lb. per acre in one direction with a Rogers Seeder. Again I was more than pleased with my results.

Last fall I expanded my program by seeding the complete apron on all the holes, overseeded (opposite direction) the four fairways I seeded in 1973 and seeded four more fairways.

The past two years I've combined a pre-emergence crabgrass control program with the seeding program. My tees and aprons are treated with Betesan at 8 ounces per M. Manhattan Ryegrass has given me the best tees and aprons I've had in 15 years, no more Poa to Crab cycle. They've held up well through the summer, with little or no disease so far.

I've learned one important thing—fertilize lightly unless you want to mow every day in the spring; or rake clippings. But as far as I'm concerned a golf course turf can hardly be too vigorous.

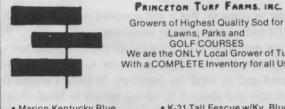
Trying to establish a Bluegrass turf into Poa Annua has been next to impossible for me. Ryegrass has been my answer. It's great!



"Turf Grasses of Maryland"

Dr. Douglas Hawes has recently published a thirty-five page manual entitled "Common Turf Grasses of Maryland." This illustrated booklet is a valuable aid in identifying the various grasses which grow in this area.

To obtain this booklet, send a check for \$1.93 (\$1.85 if not a Maryland resident) to Umporium, University of Maryland, College Park, Maryland 20742. Your request should include the name of the booklet, the author, and your return address.



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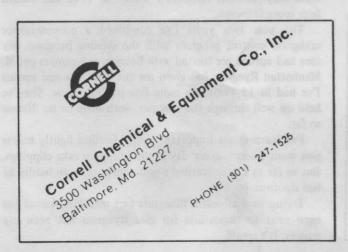
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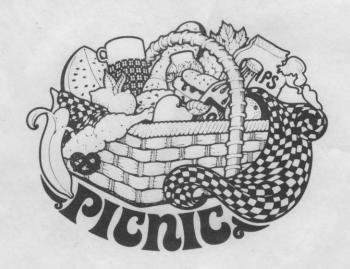
Dates to Remember

June 10	Evergreen C.C.
June 17, 18, 19	VPI Field Days - Blacksburg Va.
July 8	Picnic - Gunpowder C.C.
August 12	Loudon Golf & C.C.
Sept. 9	Greenspring Valley Joint - Philadelphia GCSA 2-man team Golf Tournament
Oct. 14	Woodmont C.C Ladies invited Annual Golf Tournament
Nov. 11	Piney Branch Golf Course (tentative meeting)
Dec. 9	Army Navy Country Club Election Meeting

June 10, 1975 Mid Atlantic Meeting Evergreen Country Club Haymarket, Virginia

Golf, Dinner and Meeting	
Dinner and Meeting only	
Guests	
Signed	

Samuel Adams	A	Patriot
	IIS Postade 8	¢



Mid-Atlantic Picnic

Tuesday July 8, 1975 Gunpowder Country Club Laurel, Maryland

This year we plan to hold a "self-help" picnic — with the cooperation of the members we hope to hold the cost to an absolute minimum or zero.

Here's the plan:

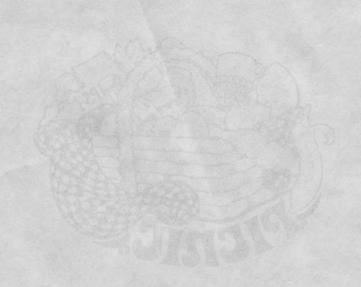
We need some volunteers to bring the following items; 10 volunteers for potato salad or macaroni salad — enough to serve 15-20 people; 10 volunteers for a vegetable dish — beans or something — enough to serve 15-20; 10 volunteers for desert — enough to serve 15-20. Coleslaw, hot dogs, hamburgers, soda & beer will be purchased by the committee and cooked by the same, the cost divided among those in attendance.

We would like to have two ladies volunteer to manage games for the small children, and two members volunteer to organize a volleyball contest — including bringing the equipment.

Golf & swimming facilities will be provided by the Milligans.

Please call Jimmie Barefoot at 291-2095 or Paul at 726-9100 ext. 239, and indicate what food item you will donate.

Paul Barefoot



Wid-Allendie Pieute

The day July 8 1976 Color Colo

This years we also to hold a "adl help" planto— with the cooperation of the members we hope to hold the cost to an obsolute information or sens.

Ingo en algrant

We read some volunteers to oring the collowing stand. 'It volunteers for potent ealed or maker on salad — enough to salad — enough to salad — enough to salad — something — enough to salad it volunteers for desert — enough to salad 15 20. Coles on the door inembodgers, some it been will be relichased by desconstitute and door estate the collowing the salad to the relichased by desconstitute and door estate the collowing through among those in an endergons.

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Cult & swimming facilities will be provided by the Africana

Please call unnote Bacetoot at 291 2093 to Paul & 725 93(c) and 000 plus with indicate what lead item you will donate.

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Dr. Daniel's Purr-wick System

This month's newsletter features two articles concerning turf renovation using Dr. Daniels Purr-wick System.

The first article, by Glenn Shields, discusses the field renovation taking place at D.C. Stadium while the second article by Bill Black at Fountainhead Country Club in Hagerstown, Maryland discusses living with the system. Bill wrote a good article on his reconstruction of this No. 1 tee for the U.S.G.A. Greens Section Record, May 1974.

D.C. Stadium

by Glenn Shields

As you may have read recently in the newspapers, there is much happening at the Robert Kennedy Memorial Stadium in Washington, D.C. I heard that a major reconstruction of the playing field was underway and took an afternoon in March to visit and look around. I was guided on this tour by Mr. Lawrence J. McKiernan, who is the Prescription Athletic Turf, Inc. the company which is reconstructing the field. Mr. McKiernan is superintendent in charge of installation and provided this explanation of how this new system will work.

Basically a means is being provided to totally control the amount of water held by the soil of the playing field and to draw off or add water to the soil beneath the turf as needed. The playing surface, an area 180' by 360' was excavated to a depth of 16". A vinyl plastic sheet was then spread over this area which will prevent the movement of water between the soil below and the special soil mix of the 16" depth playing surface. Agriflow drainage pipe was installed on top of the plastic sheet in a grid fashion of 2", 4" and 6" pipe which leads to a pumping station. Mason washed sand was then spread to a depth of 9" over the plastic sheet and drain pipes. Heating cables were then installed on one foot centers to prevent the playing field from freezing. These heat cables provide 5 watts of heat per square foot. Five additional inches of sand was placed on the heating cables to give a total depth of 15 inches of sand; graded to provide only a two inch crown. A 1/2xinch mixture of calcite clay, vermiculite and peat was placed on top of the sand. After raking in this mixture, the field was sodded to Warrens A-34 bluegrass.

The heart of the system lies in the pumping station. Through this elaborate network of pipes, valves and pumps, water may be pumped out of the field; or by reversing the flow, water may be forced back through the drainage pipes for irrigation. A glass sight tube allows visual inspection of the actual water level in the playing field. With this system there should be few problems with a soggy playing surface of infiltration of water through the soil profile.

This concept for athletic field construction was developed by Dr. Daniel at Purdue University. It reminds me of

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the USGA specifications for gold course greens, except for the modification of being able to pump water back into the system by way of the drainage pipes. This is a welcome trend away from artificial turf and should be interesting to watch in the years to come.

A Season with a Purr-wick Tee

by

C. William Black, Certified Golf Course Superintendent Fountain Head Country Club, Hagerstown, Maryland

There is quite a difference between maintaining a PURR-wick tee than a synthetic grass tee. Synthetic grass requires no mowing, only occasional sweeping, hosing and removal of broken tees. However, synthetic grass just looks out of place on a golf course and the golfers at Fountain Head Country Club complained about their feet slipping and difficulties inserting their tees into the surface. PURR-wick is more difficult to maintain than synthetic grass, but an entirely different management program is not necessary in order to maintain PURR-wick versus other natural grass surfaces. Insfact our tee is maintained very nearly the same as our other natural grass tees, maybe even with a little less maintenance.

After having difficulties maintaining an acceptable No. 1 teeing area, the Green Committee decided to experiment with a carpet of synthetic grass. This tee was installed following the manufacturer's instructions, using a wooden box frame, underlaid with crushed stone, fiber pad with sand impregnated into the pad. The carpet was than thightly stretched by a local carpet installer and nailed to the box frame. The synthetic grass held up very well, however, after four years, numerous complaints and an area of worn out sod adjacent to the carpet, we decided that synthetic grass was not for us.

The location of this tee was confined to a small, sloping area. We decided to construct a tee inside a railroad tie enclosure, thereby eliminating step banks and continual

E.&S.

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U.S.G.A. QUALITY TOPDRESSING STERILIZED SOIL MIXTURES PEAT HUMUS hand trimming. After consulting with Holman Griffin and Dr. Bill Daniel, a PURR-wick tee was tried.

This tee was completed in October, 1973. I have found after a Summer of use that I am still very much impressed with the performance of this PURR-wick system.

During construction, 50 pounds of sewage sludge and 10 pounds of 30-3-10 were incorporated into the top two inches of a sand and peat mixture, before sodding. We now fertilize this tee the same as we do our others, applying 4 to 5 pounds of N/M ft.2. The tee is mowed at a height of just under 1", two to three times per week, with a walking mower.

A few days after the installation of the sod, we aerified the surface and top dressed heavily with the same sand used to construct the tee. After the sand had disappeared, another top dressing was applied. The tee was top dressed a total of four times during the season and one time this Spring.

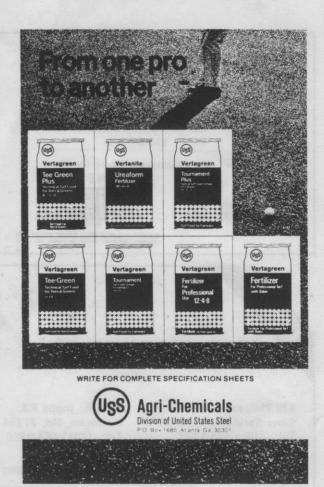
Being constructed almost entirely of sand, it was surprising to us that we experienced spots that would remain rather dry and have difficulties getting water to penetrate, while the balance of the tee would be moist.

(Continued on page 7)









A SEASON WITH A PURR-WICK TEE (Continued from page 6)

These small areas were treated with a wetting agent and seemed to respond and hold moisture, when checked with a soil probe. During this Winter these same areas were off color and we again applied a wetting agent, after we aerified and top dressed in early April.

Generally, we now follow the same maintenance practices on our PURR-wick tee as we do on the other tees, except this tee will receive at least two top dressings of sand per year. Fungicides and insecticides are applied when the other tees are sprayed, however, I do not believe as many applications are necessary. There have been no herbicides applied to this tee. The divots are seeded and top dressed with sand as often as possible and the markers are moved almost daily.

It is a beautiful sight to see the Spring bulbs and Summer annuals blooming against our railroad tie backing and carpet of green grass. This tee has performed very acceptable to the abuse that a No. 1 tee is constantly exposed to. The entire membership, golf course maintenance staff and myself are quite proud of our tee and amazed that the surface holds up and heals so well. I only hope that we are as successful and as happy with PURR-wick in the future as we were last season.



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H. L. Mencken

"This time, like all times, is a very good one if we but know what to do with it.

Emerson

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