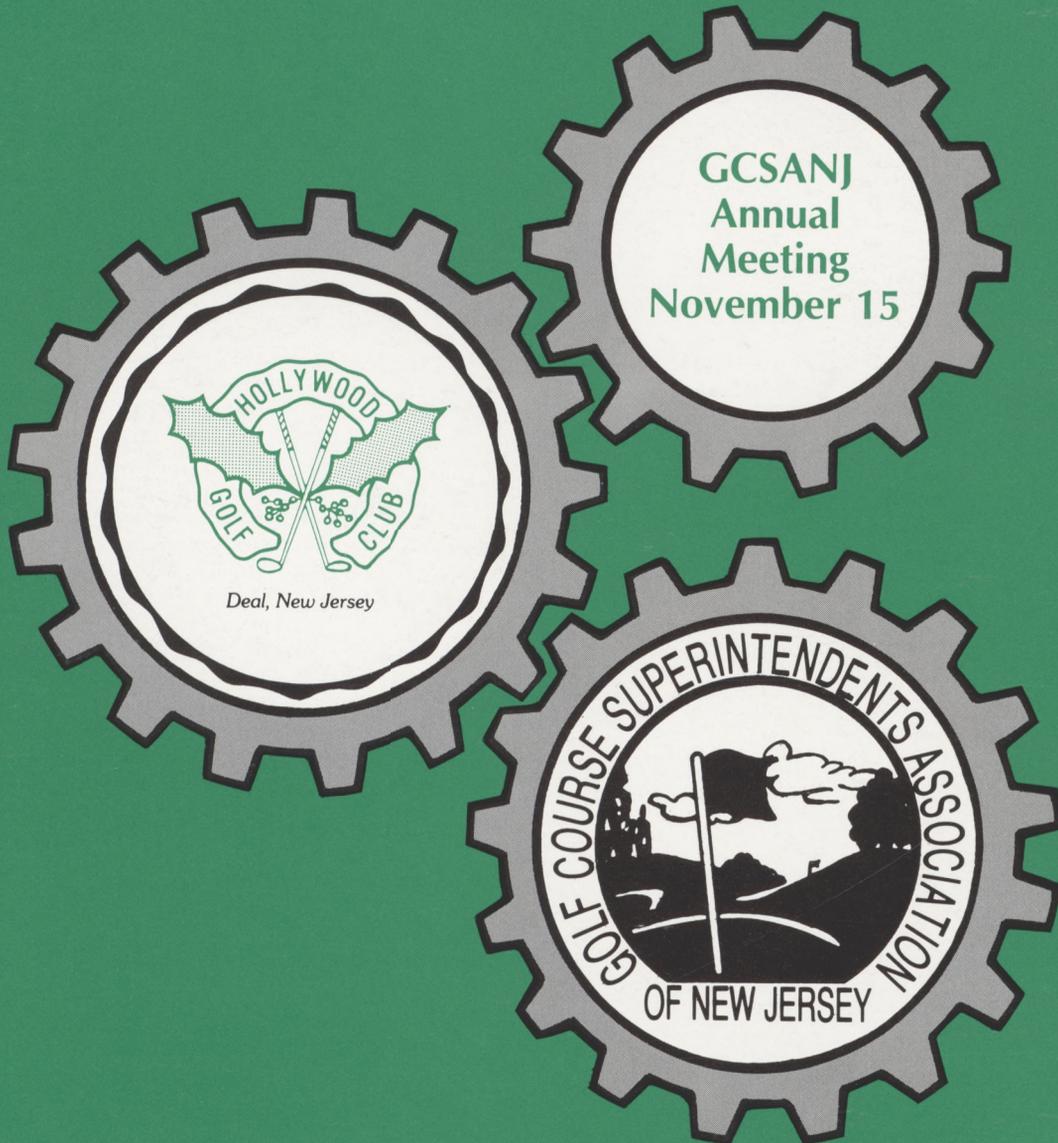


THE GREENER SIDE

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THE GREENERSIDE

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 Box 231, New Brunswick, NJ 08903

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EDITORIALS

"END OF THE SEASON"

Well almost! The season will really not end until the last golfer shuts the door of the locker room and frost is in the air. But for many courses the frantic pace of the summer is at last winding down. This has been a difficult summer starting with water shortages, no rain followed by rain, followed by fungus. We had problems with herbicides, with fungicides and with insecticides not performing as they would under more normal weather conditions. This is the kind of summer that makes you wonder whether its turf science or the art and Zen of turf maintenance that is more important. Just as the weather stabilized, New Jersey was hit with some winds strong enough to take out trees.

The message here is not really to complain about the weather. The message is that an experienced superintendent has to cope with a wide range of the unexpected. His number one rule of "golf" involves keeping the course open, esthetic, and playable. When rain comes in too great a quantity or too little, it generates new problems that have to be solved. It's a mark of considerable professionalism that so many courses survived this summer so well.

The sacrifice in personal time during weather crisis during the season is shared by spouse and superintendent as well. That's because being superintendent is a 24 hour job. Last month's editorial by Mary Justine Lanyon gave us the spouses viewpoint on this.

So with the season end, it's time to get to know that stranger in your house once again... so say hello for me!

I.F.G.

"THE SPACE SHUTTLE... NEW OPPORTUNITIES FOR GOLF!"

The US and NASA are back on track with the shuttle program. In a few short years we will have a major orbiting space station hovering over us. It will be manned by scientists, physicians, engineers and in all likelihood a few middle manager types. They will put in long hours doing challenging tasks, and of course they too will need to relax. In deep space most people would think that golf would be out of the question, however space age technology has met the challenge. Yes, it's true, there will be golf in space.

The prototype for this amazing event (not yet sanctioned by any golf association) is right here in New Jersey. Hidden in a small town called Flanders in the back of a little pod mall on Route 206 is the beginning of the NASA golf in space program.

Four courses have been extensively photographed and stored in a computer. The names of the courses are classified, but sources report that they include such famous ones as Pebble Beach and Spy Glass. Images of the courses are projected on a 9 foot by 12 foot screen into which players tee off their balls. With a NASA classified infrared detector and sophisticated telemetric devices the speed and trajectory of the ball are calculated. The photo image is replaced on the screen with a view of the next shot.

Despite repeated letters to key congressmen and senators we could not obtain further details of this remarkable space age achievement. But if you would like a personal tour of this NASA facility, contact **Rick Gilmore** (GCSANJ member) for a private showing. Walter Cronkite will not be doing the play by play!

I.F.G.

"CORRECTIONS"

In the *September-October* Greenerside, we inadvertently left out the name of the author of the article titled "Nematodes on Turf in New Jersey." We wish to thank **John K. Springer**, **Extension Specialist in Plant Pathology** for the article. The author of "Marketing Kentucky Bluegrass Seed" should have read, **Irv Jacob**, **President of Cascade International Seed Company, a Western Division of Jonathan Green, Inc.** We're sorry for any confusion we may have caused.

I.F.G.



President's Message

Two years ago you elected me President of your Association. I accepted the responsibilities of the position with pride and enthusiasm. My hope was that a better Association would exist when my term was completed. As I look back, I find it hard to evaluate these last two years. I know we have set some very important programs in motion, but the success of those programs will only be justly evaluated through future progress.

I have had the pleasure of working with some outstanding individuals. Many will be continuing to serve your Association in the future, while others had to withdraw due to increased job responsibilities. All have made their presence felt and contributed to our growth. I personally thank each and everyone of the Board Members who served over the past two years. Your efforts did not go unnoticed.

As Past President, I still hope to be involved in the positive directions your Association has taken. I am hopeful this position will give me the perspective which will allow me to contribute actively.

In closing my last President's message, let me wish each and every member of our Association the very best of health and happiness throughout the upcoming holiday seasons. ■

ED WALSH, CGCS, PRESIDENT

"Remember, a plant is a living thing, and should be treated accordingly. Unlike most living things, it has no way to make its needs known other than its appearance, which will reflect the kind of treatment it receives from its guardian—you!"



Willet Wilt says:

Why?

Why does it seem that the older you get the less you know and the more the golfers know about growing grass?

Why does it seem that the over 400 million rounds of golf played in 1988 were played at just your course?

Why do the golfers in August compare your golf course to one they played in May or one they played last week in Toronto, Canada?

Why can't the GCSANJ declare it illegal to have a club's Member-Guest Tournament in August?

Why can't we campaign for the return of the company picnic in lieu of the company golf outing? That way people would be making remarks about the speed of the base paths instead of your greens.

Why does it seem that when four inches of rain have fallen, you have the only course open in a fifty mile radius?

Why does it seem that every time you think things couldn't get worse, inevitably they do? Your mechanic quits in June; six inches of rain falls in four hours on a Friday; your entire crews' "green cards" expire in August; and in September you're told the golf course looks like it's coming back and you hadn't realized it left.

Why didn't you listen to your mother and become a lawyer?

Willet Wilt's winter lecture series this year will be entitled, "If You Thought '87 Was Bad, You Should've Seen '88!" For information on seminars in your area, contact Ken Kubik, Mount Freedom, New Jersey. ■



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1988 GCSANJ INVITATIONAL HELD AT UPPER MONTCLAIR CC

You should have been there! The weather was as fantastic as the golf. Even the usual big gamblers were surprised at the tremendous effort put out by all the participants. Twenty six teams participated in the invitational. The event was chaired by **Dick La Flamme** of the Lake Mohawk CC, Sparta, NJ. He was assisted by **Steve Chirp** of the Lebanon Chemical Corporation and **Shaun Barry** of the Nor-Am Chemical Company.

Leading the invitational with a team low net of 58 was the Essex Fells team of **Larry Dodge**, **Russ Helwig**, **Doug Munson**, and **Bob Vostal**. First in the Low Net Pro-Super showdown was **Geoffrey Drake** (Superintendent) and **Bernie Kosinski** (Pro) from the Richmond County CC, Staten Island, NY. Runner up in the Pro-Super with a score of 66 was the Essex Fells CC team of **Larry Dodge** (Superintendent) and **Russ Helwig** (Pro).

The long drive contest was won by **Paul Samanchik** of the North Jersey CC as the "amateur". The pro drive was won by **Terry McDowell** of the Forest Hill Field Club. Closest to the pin on the 5th hole (East) was **Bruce Benedict** (amateur) of Arcola CC with 12'2" and **Gary Ostrego** (pro) of the Colonia CC with 9'5". Fantastic shooting! **Tonny Scotti** (amateur) from Madison CC came within 10'2" on the sixth hole (South) while

Bill Adams (pro) from the Ridgewood CC came in with only 4 inches. This man will soon need hole in one insurance!

Other winners in the invitational included the 2nd Low Net Team from the Newton CC of **Les Carpenter, Jr.**, **Robin Kohberger**, **Bill Dolan**, and **Stephen Rosman** with a team score of 62. Also with a 62 was the team from White Beeches CC



Committee for Invitational: **Dick La Flamme** (left), Chairman of Invitational, **Steve Chirp** and **Shaun Barry** (right)

of **Armand LeSage**, **Chuck Keating**, **Pat Wagner** and **Vince Dolce** which came in third.

Congratulations to all of the participants for an outstanding tournament. ■

PROPOSED GCSANJ SLATE ANNOUNCED

At the last meeting of the GCSANJ the nominating committee proposed the following slate of new officers. For President the committee nominated **Steve Finamore**, CGCS from the Alpine Country Club, Demarest, NJ. Steve's previous GCSANJ position was as Vice President.

Dave Pease, of the Monmouth County Parks System (Hominy Hill GC), Colts Neck, NJ. Dave served as Secretary prior to this nomination. **Leonard Forlenza**, CGCS, of the Hanover CC, Wrightstown, NJ, was nominated as Treasurer. Len previously served on the GCSANJ Board of Directors. Nominated for the position of secretary is **Chris Carson** of the Echo Lake CC, Westfield, NJ. Chris has previously served on the Board of Directors for GCSANJ. **Ed Walsh**, CGCS from the Ridgewood CC, Ridgewood, NJ has earned the most cherished title of Past President.

Please join me in congratulating both the nominees and the nominating committee for their efforts in putting together this slate. You are urged to attend this year's annual meeting which will be held at the Hollywood Country Club, Deal, NJ on November 15th. ■

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Landscape Plants for New Jersey is the title of the new consumer plant catalog published by the New Jersey Association of Nurserymen.

The thirty-six (36) page catalog features two hundred and ten (210) full color photographs and is designed to assist home owners and landscapers alike in making plant material selections. In addition to the sections on shade and flowering trees, broad and narrow leaf evergreens, *Landscape Plants for New Jersey* features sections on plants native to New Jersey.

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GCSANJ Members Active on National Committees

Five GCSANJ members are presently members of GCSAA committees. These include **Bob Dickison** on the Communications and Awards Committee; **Gerald Fountain** on the Government Relations Committee; **Bruce Cadenelli** on the Public Relations Committee; **Steve Cadenelli** (Chairman) of the Certification Committee, and **John Wantz** on the Tournament Committee.

Although the GCSANJ membership is well represented within the GCSAA committee structure, there is always room for more. Working at a national level within your professional organization is an excellent way to learn and contribute at the same time. If you have interest in how your professional

organization is going to impact your future, then you should seriously consider getting involved. As for the five GCSANJ members already benefiting from their involvement we wish success and congratulations. ■

GCSANJ '89 MEETING SCHEDULE

Numerous superintendents have been contacted in regards to hosting an Association meeting in '89. We are securing our host clubs now for the '89 season. Presently the summer months, July and August, are still available for meeting time. If interested in hosting a GCSANJ meeting next year, please call Bruce Cadenelli for arrangements and information. Bruce can be reached at the Hollywood Golf Club at **201-531-3609**. ■

Director's Corner

GCSAA September and October are very busy times at the Headquarters office in Lawrence, Kansas, as several of the committees meet for their annual meetings. These committee meetings are the lifeblood of the association as it is the thinking, comments, suggestions, etc. from members that provide GCSAA's staff the background and information necessary for their understanding of our profession. Recently the Certification Committee, chaired by myself, developed proposed plans in the areas of CEU values, Internship, Accreditation and monitoring of the exam. The Communication/Awards Committee worked towards developing a new editorial calendar for "Golf Course Management". The Govern-

ment Relations Committee chaired by Bill Roberts has also met seeking new and better ways for GCSAA to assist members in dealing with new regulations as well as assuring that GCSAA Members are on the leading edge of the most current technology in regards to environmental issues.

The point here is that you too can play a role in GCSAA and our profession by seeking to get involved. Committee members rotate semi-annually in most cases thus creating the opportunity for new members each year. Speak-up! Let me know of any interests you might have. GCSAA, the profession, and most importantly, you, will benefit by getting involved. ■

Steve Cadenelli

GCSAA/Hall-Kimbrell Join Forces for Environmental Auditing Service to Golf Courses

Coping with various regulatory obligations and managing environmental and safety risks are increasingly recognized as important professional responsibilities of today's golf course superintendent.

To help superintendents continue to meet these responsibilities, GCSAA formally announced on September 30th that it has contracted with one of the nation's leading environmental consulting firms to develop the first comprehensive environmental management system for the golf course industry. Hall-Kimbrell Environmental Services, Inc. will join GCSAA in presenting this concept to attendees of the 60th International Golf Course Conference and Show in Anaheim, California.

The program being proposed by GCSAA and Hall-Kimbrell includes an environmental self-audit questionnaire and notebook along with videotape training materials designed to provide management assistance in areas such as pesticide

use, storage and disposal, underground storage tank regulations, OSHA requirements and general risk management. Completed self-audit materials will be individually reviewed by Hall-Kimbrell's professional staff to provide specific recommendations and analysis.

John Schilling, Executive Director of GCSAA noted that the development cost of this program was funded by Hall-Kimbrell. The cost of a custom audit for a typical golf course could be as high as \$10,000. Under the GCSAA self-audit program the cost should be less than \$1,000. The technical advisor on this project for GCSAA was Dr. Wynan Hock from Pennsylvania State University. ■

— Winter Seminar Alert —

Watch for further announcements on the 1989 Winter Seminar which will be held in January 1989. ■

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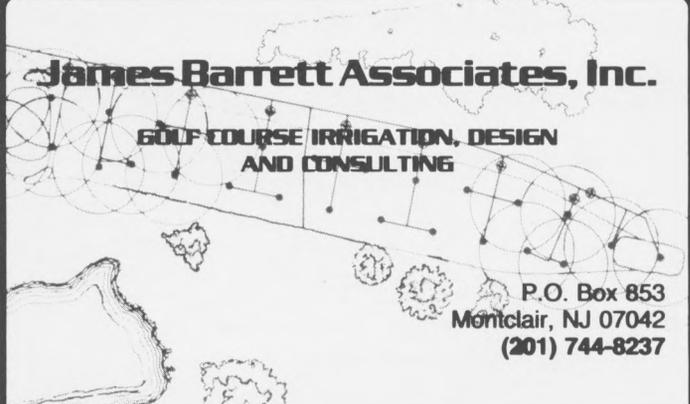
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Roughly Speaking

As we wrap up another year our thoughts still, from time to time, drift back to the hard days of July and August. It's comforting to know that we have eight months before we face these pressures again. I think most of us hope these upcoming months go real slow!

Many have already begun planning for Anaheim and the upcoming International Conference & Show. It's been eight years since we were last in southern California for our meeting. Sales are quite strong for the show so it should be another blockbuster for GCSAA and our industry.

As I write this (early October) Monmouth County is once again facing a water shortage. Since the first of June only six and one-half inches of rain have fallen. The dryness saved us during the hot, humid period of the Summer, but we sure could use some relief now. Maybe a lot will change by the time this gets to print!

So Ed Walsh has finished up his two years as President of the Association. It doesn't seem all that long ago when a few of us met at a Roy Rodgers restaurant on the parkway to plan an agenda for his term in office. Although much has changed, and many improvements made during this period, the basic weakness of the Association remains. Apathy still is the most prevalent problem in running an Association. My gut feeling is this will never change! Most of us, myself included, can find too many reasons for not getting involved. But life goes on, and so will GCSANJ. Thanks Ed for the time and effort.

Can anyone find an honest reason why Dr. Richard White did not win re-appointment to his position at Rutgers? All of his peers voted in favor for him getting re-appointed, but the school's

Dean said no. Seems like a case of politics! Richard was doing good, basic research, to benefit the turfgrass industry in NJ, but many believe it wasn't high tech enough to satisfy the administration at Rutgers. It appears that some at Rutgers speak with forked tongue! They want a dialogue with the industry, but then act in their own best interests. It's a sad and unfortunate commentary! Lets hope that whoever follows Dr. White fares better! ■

B.E.C.

Insecticides Improve Lovelife

Editors Note: This is a reprint from a Dear Abby column of August 31, 1974. See your local distribution for info on where to purchase materials.

DEAR ABBY: I'd like to know if there is anything in insecticide that could excite a man.

Arthur is 55—just the age most men start to slow down, but he's still going strong. He gets especially aroused right after he sprays our property for bugs.

I noticed it last year when we moved into this house. We had ants and roaches, and right after Arthur sprayed he started looking for me. He would get so passionate that he didn't care if I did my housework or even cook. Last year was bad enough, but this year it's worse. On weekends he sprays sometimes two and three times a day. It's really getting me down.

We live in Florida. What brand of bug bomb will kill the bugs down here without bringing out my husband's manhood so strong?

He uses Raid, TNT and Rid-a-bug, and they all have the same effect on him. The brands that don't effect him don't have any effect on the bugs either. Please help me. TIRED.

DEAR TIRED: My chemical experts know of nothing in any brand of insecticide that will rejuvenate the wanting desire of man. If there were, we'd have a lot more dead bugs, livelier husbands and tired wives. ■



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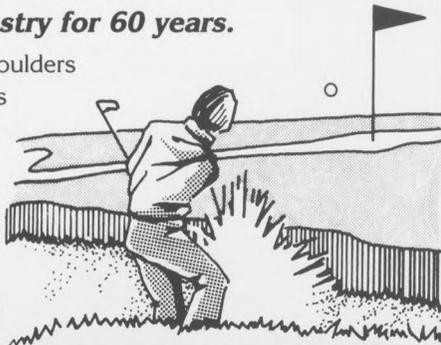


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Rutgers Entomology Centennial Celebration

It's hard to believe, but Entomology at Rutgers is one hundred years old. Naturally the professors who taught the first courses were not tuned into the Green industry or turf science in general. These pioneers were deeply committed to cabbages and shade trees. In 1888 Rutgers entomology was taught by George D. Hulst. He was followed one year later by John B. Smith from the USDA and was curator of US National Museum. His interest focused on mosquitoes because in New Jersey this was once our number one problem both as a nuisance and as a public health pest. By 1912 the entomology department was in their own building. The concept of a County mosquito exterminator was put forth and executed by Dr. Thomas Headlee.

Projects and teaching continued generating further expansion and by 1938, extension activities were moved to Ricketts Building, now officially known as the J.B. Smith Hall. The major orientation of the department continued with mosquito abatement and agricultural pests. Gradually the interests of the department diversified to include other urban pests. In 1949 the New Jersey Pest Control Association in cooperation with the NJ Legislature established a permanent chair for structural pest control.

By 1971 the statistics were overwhelming: New Jersey's agricultural products generated only 240 Million dollars of revenue while tourism in the garden state generated over 4 Billion dollars. This success in tourism was do in part to the

state's ability to solve it's mosquito and biting fly problems. One part of that solution was the discovery by Dr. Philip Granett of 6-12, the now well known mosquito repellent.

Today the Entomology Department can look back on hundreds of research papers, over 359 advanced degree graduates and a research facility that includes the T.J. Headlee Laboratories, greenhouses, library and an insectary. Research on turf and ornamental insect pests are today frequently conducted and reviewed at extension field days.

The celebration of the 100th anniversary of Entomology at Rutgers was joined by guest scientists from various parts of the US and from Great Britain. GCSANJ extends its well wishes for the next one hundred years to the Entomology Department at Rutgers. ■

I.F.G.

In Memoriam Grant Walton

Memorial services were held on September 24th at Vorhees Chapel, Rutgers for the former Dean of Cook College and Director of the New Jersey Agricultural Experiment Station (1975-1983). ■

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GCSAA Conference Sets Sales Record Five Months Early

This has been a record-breaking year for the Golf Course Superintendents Association of America (GCSAA). Earlier this year, the association welcomed its 8,000th member, and as of today, space sales for the 60th International Golf Course Conference and Trade Show—slated for Anaheim in early 1989—have reached a record five months in advance.

To date, more than 117,960 net square feet of display space has been committed to various manufacturers and distributors from all over the world. This surpasses the previous record of 112,000 net square feet in Houston earlier this year.

"We still have some space available, but it's truly incredible how quickly everyone has responded," said Karyn Davis, sales and marketing manager for GCSAA. "The industry is booming, and exhibitors are eager to display their products to the buyers—the golf course superintendent.

The show will run Feb. 6–13 in the Anaheim Convention Center and will be among the largest to be presented there. The GCSAA Conference and Show is a one-stop marketplace for today's golf course superintendents from around the world. More than 60 percent of the exhibitors have indicated that they will be revealing their new product lines and services for 1989 at the show.

For further information, contact Bob Still, GCSAA media relations manager, 913/841-2240. ■

MGA Makes Donation to Turfgrass Research

Martin Rakowitz, Chairman of the Metropolitan Golf Association's Green Committee, presented a \$5,000 donation to Ed Walsh, President of the New Jersey Golf Course Superintendent's Association, in support of the Summer Patch Research Project now being conducted by Cook College-New Jersey Agricultural Experiment Station at Rutgers University in NJ. ■

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WHY TREES?

- According to University of California scientists, the most cost-effective way for Americans to reduce heat buildup around cities is to plant trees. They calculate that it costs about one cent to reduce peak-load energy demands one kilowatt-hour by planting trees, while similar savings from improving the efficiency of appliances would cost two cents and improving electrical supply efficiency would cost 10 cents.

- Reducing atmospheric carbon dioxide by one pound through tree planting costs about .3 to 1.3 cents; doing the same thing via improved appliances costs about 2.5 cents and realizing the same reduction through more efficient cars costs 10 cents.

- Forest trees utilize carbon (in the form of carbon dioxide) at the rate of 6.5 tons per hectare per year (one hectare equals 2.47 acres). Since the "average" forest holds about 1,000 trees per hectare, this figures out to about 13 pounds of carbon tree per year.

- Urban trees—because of their shading and cooling effects, which reduce the need to burn fossil fuels for energy to run air conditioning—are about 15 times more effective than forest trees in reducing total atmospheric carbon dioxide.

- It is estimated that America's towns and cities have "critical energy space" for 100 million additional large trees—trees placed adjacent to homes and office buildings. If these trees were planted, they would reduce carbon dioxide, and the greenhouse effect, as much as would planting a new forest larger than the state of Connecticut.

- In addition to the carbon-dioxide reductions, we would all benefit from the reduced heat in our homes, offices, and streets—a reduction that would translate directly into lower utility bills, higher comfort levels, and reduced social stress.

It's easy to see that the reasons for planting trees are more compelling than ever before. ■



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CHANGES

When I read Ed Walsh's "President's Message" in the 1988 July-August issue of *The Greenside* I wanted to respond.

Ed wrote about Tony Bifano leaving Mountain Ridge and the implication of his departure. When a superintendent leaves a position my immediate thought is "should I apply for the job". My next thought surfaces, "is the job better than I have now"; are the people, the board, committees, members, professional staff, and golf course crew compatible with me or I with them? Is it a positive atmosphere? My final thought is of the superintendent and how he is relating to the change. In Tony's case it left me with a touch of sadness.

I knew Tony professionally. I never had the opportunity to visit him while he was at Mountain Ridge, but I always heard the golf course was in outstanding condition. He had great success in keeping the course conditioned through an innovative mowing program. To leave and give up a successful program because of personality conflicts is what saddened me.

What has happened to our profession? Has our increased visibility made us targets? Is our responsibility slipping into other hands? Are we fostering this change through our complacency, or lack of professionalism, or has the job become too complex for one individual? Are others sensing our vulnerability?

Does change help? Unless a position offers the opportunity to expand our responsibilities, or provide financial rewards, or exceptional challenges, change is not going to relieve us of the burden of the ambitious individuals who may want to ride the crest of our success in this demanding position.

The tone of Ed's article struck a chord with me. Feeling vulnerable the last two years, I have been hearing voices doubting my skills, wondering about my ability to continue working, and even a hint of change. What happens when the club decides to make a change? Do I run to my favorite

member and ask them to intercede for me and to try and get my job back? No, I have to prepare for the day, when it is time to leave. Other than keeping my resume updated, there doesn't seem much to do, or is there.

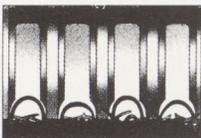
My approach to change is to put myself in a position of knowing I'm going to leave. This approach ignites the process of change. Change is not necessarily the physical movement to another golf course, but a change in attitude. In changing, you lose your sense of complacency, you see things from a different perspective, and you become stimulated by ideas, suggestions, and concepts. You begin to look forward, and not over your shoulder.

Thinking about a new philosophy and then implementing is not an easy task. The opportunity was right in my face this summer. I lost grass. Do I begin by trying to blame myself, or someone else; or do something to remedy the situation? I stood back and tried to analyze what has happened; what decisions I had made during the crisis and what were my options. I reviewed the decisions and saw some were successful and some failed. I stored this information in a memory bank and began the important phase of the renovation: communicating. Once the renovation began, the membership was informed what had happened and what was necessary to restore the turf grass. But not everyone understands.

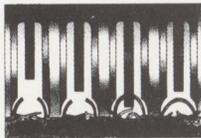
The renovation began during the continued hot weather, and it was dry. Waiting for the weather to cool and maybe bring some rain was fruitless. Irrigation pumps whined for days, finally seedlings began to appear in the sliced earth, the comeback was underway. The hot summer abated in late August, but the weather never seemed to return to normal, and it is still dry. Now the turf looks rejuvenated and everyone understands. ■

JIM GILLIGAN, CGCS

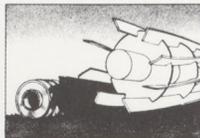
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Superintendent Profile **Gerald B. Fountain**

When Atlanta native Gerald Fountain graduated from Georgia State University with a BS in Urban Studies, he never dreamed he would be making his living in turf management. However, a stint as a golf course groundsman at the 1976 US Open at the Atlanta Athletic Club turned him in that direction.

Gerald was actually interested in being a golf course architect and decided to work his way in from the golf course management end of it. Once in, he was hooked! During a visit to his sister in New Jersey, he discovered the Winter Turf Program at Rutgers, in which he enrolled in the fall of 1976.

His first job was as the night watering man at Warrenbrook CC, which was a private course back then. The following spring he went to work for Joe Flaherty at Baltusrol as a groundsman. He was back to Rutgers in the fall of 1977 and graduated in the spring of 1978. He took a job as assistant to Brooks Brown at Woodlake CC in Lakewood, where he worked for two years.

In 1980 Gerald became the superintendent at Spring Meadow, the first state-owned golf course. After three years, he moved to his current position as superintendent at Trenton CC. Since taking over, he has already rebuilt some tees and bunkers, has installed a completely new automatic irrigation system, and is in the process of ryegrass conversion on his fairways. The watering system, he says, was a great help during this summer's drought, but was no help at all when he got 10 inches of rain.

Earlier this year Gerald started wearing another hat as the government relations and scholarship and research director for GCSANJ. He's responsible for monitoring legislation that comes from our lobbyists and for writing letters as appropriate. Right now he's working on right-to-know legislation and monitoring a long-term water resources study that the state is undertaking. Co-chairman Bob Dickison has been showing him the ropes and breaking him in.

Gerald is also vitally interested in summer patch research. With the help of the other board members, particularly Ed Walsh, he has developed a program to raise money for summer patch research at Rutgers. The program, headed by Drs. Bruce Clarke and Peter Landschoot, is researching what continues to be a devastating problem on New Jersey golf courses. Gerald is trying to raise \$500 per club per year for a 20-year period.

Gerald is also actively supporting the \$350 million Jobs, Education and Competitiveness Bond issue on the November ballot. It will give about \$30 million from the state legislature to Rutgers for the agricultural experiment station. This will be matched by a federal grant, so it will be worth about \$70 million. A significant

portion of that will go toward the Turfgrass Master Plan Rutgers has developed.

How has the business changed in the last 10 years? Gerald feels there is a great deal more professionalism now than when he started. "There are a lot of guys out there doing a good job—in fact, almost everybody," he says. "The pesticides and product lines we deal with are much more diversified and sophisticated now. At the same time, the demands by the golfer for increasingly improved turf conditions and the exposure of these perfect tournament courses on television create a continuing demand for wonderful turf.

"Every summer we set records with the weather. There may be more sophistication with the products we have available and the people in the business, but the demands of conditioning by the players and the tremendous hardship imposed by the weather seem to be keeping us even."

Gerald and his family—wife Susan and son Austin, 2½—live off the course, and that's the way he likes it. "It's easier to separate work and family this way. I can get away from the club and have my own life." There are times, though, such as when he goes back to check on the irrigation at night, when he can see the advantage in living on the course.

"It can get very frustrating for both the husband and the wife," Gerald notes. "I think most of us are family-oriented men who are real hard workers. We're torn between something we want to do well and our families." ■

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SLATE OF GCSAA CANDIDATES SET

The Nominating Committee of the Golf Course Superintendents Association of America (GCSAA) has submitted a slate of candidates to the association's board of directors.

The nominees are: for President: Dennis D. Lyon, CGCS, City of Aurora, Colo., Golf Division; for Vice President: Stephen G. Cadenelli, CGCS, Metedeconk Golf Club, Jackson, NJ and Gerald L. Faubel, CGCS, Saginaw Country Club, Mich.; for Directors: Gary Grigg, CGCS, Shadow Glen Golf Club,

Olathe, Kan.; Randy Nichols, CGCS, Cherokee Town and Country Club, Dunwoody, Ga.; Michael Wallace, CGCS, Hop Meadow Country Club, Simsbury, Conn.; and Randy Zidik, CGCS, Rolling Hills Country Club, McMurray, Pa.

The president and vice president are elected to one-year terms, and directors are elected to two-year terms. Three directors will be elected.■

I.F.G.

GCSAA Championship in Palm Springs

More than 450 members of the Golf Course Superintendents Association of America (GCSAA) are expected to gather in Palm Springs, California, several days before the organization's 60th International Golf Course Conference and Trade Show to compete in the association's golf championship.

The two-day tournament will be played on four courses in the desert resort area. The PGA West courses that will host the championship will be the TPC Stadium Golf Course, site of the annual Skins Game, and the Jack Nicklaus Resort Course, where the 1988 PGA Tour Qualifying School was held. Other participants will play the Citrus Course at LaQuinta and the Mission Hills Resort Course. The first three are in LaQuinta and the latter is in Rancho Mirage.

Many of today's superintendents are avid golfers, and their knowledge about the game plays an important role in the maintenance of their courses. "When you play, you can sympathize better and have a better understanding for the course difficulty," says defending champion Dave Powell, golf course superintendent at Myers Park Country Club in Charlotte, North Carolina. Powell won his second GCSAA championship title early in 1988 in Houston.■



The Annual Turfgrass Educational Conference and Trade Show, sponsored by the Rutgers Cooperative Extension in cooperation with Cook College - Rutgers University and the New Jersey Turfgrass Association, offers more in '88. Sessions will include: Workshops (Computers, Turfgrass Information File, Turfgrass Selection, Weed ID, Insects, Diseases, Pruning, Right-To-Know Law) and Lectures by recognized authorities on the establishment and maintenance of turf on golf courses, athletic fields, lawns of various types and use of sod. The Trade Show will feature the latest technology in turfgrass equipment, irrigation and products. Credits for applicator recertification offered.

Reserve the date, plan to attend and participate in this exciting annual Turfgrass Conference. Complete program details and registration forms available Oct. 1, 1988.

For information contact:

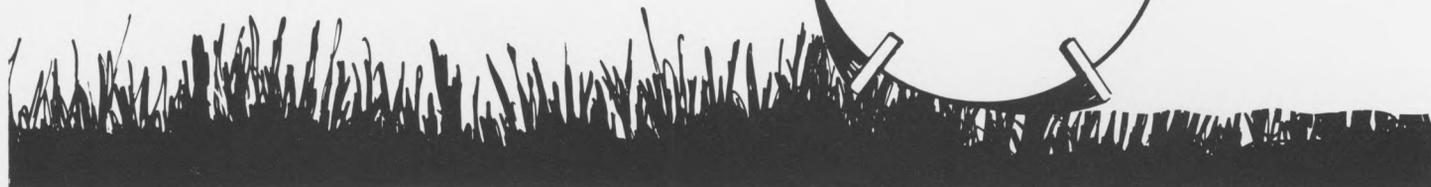
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Alliance for Environmental Concerns Announces Annual Meeting

The annual meeting for the AEC will be held on Tuesday, November 22nd at the Forsgate Country Club. The meeting will start promptly at 10:00 am and will include a luncheon. The speakers will include Assistant Director, Ray Ferrarin of the NJ DEP Bureau of Pesticide Control on the new pesticide prenotification regulations; Barbara Sargent of the NJ DEP, Division of Hazardous Substances who will speak on NJ Right to Know and SARA title III; and Jean Toohey, American Cyanamid Agricultural Affairs office, Washington, DC on selected national pesticide issues.

GCSANJ is an association member of the AEC. In addition many superintendents are also individual members. The AEC extends to all GCSANJ members and their guests an invitation to this meeting. For reservations please contact Ilona Gray 201-595-7172. Recertification credits are offered for attendees.

Jonathan Green Tours Turf

Dr. C. Reed Funk met with members of the Jonathan Green & Sons sales force at the Rutgers University, Soils and Crops Research Station at Adelphia, New Jersey.

Dr. Funk and a Turfgrass Research Assistant, Melodee Kemp, led the group on a three hour tour of the National Kentucky Bluegrass, Turf-Type Tall Fescue and Turf-Type Perennial Ryegrass Test Trials. Yet to be released turfgrass cultivars assigned to Jonathan Green by Rutgers University were also reviewed.

New Arrivals

Steve & Laurie Rudich, of O.M. Scott & Sons, are the proud new parents of Philip Thomas Rudich. The baby was born in late July. Other than a few sleepless nights the family is adjusting well!

Can You Hear Them?

Scientists have reported that when plants are under drought stress they emit a high pitched sound. SWAG (Scientific Wild Donkey Guess) has led to the immediate speculation that these sounds may be heard by insects, mites and other phytophagous pests. Wow! When I am thirsty I wonder if these insects will come to get me. I suppose that's why my mom always told me to ask for ice tea politely.

Robert Haack, an entomologist at the Agricultural Department's North Central Forest Experiment Station in East

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BACK



Lansing, Michigan and his colleague, Bill Matson believe that there might be some connection between the sounds emitted and the flocking of some insects such as bark beetles to drought stressed trees.

The sounds are at a very high frequency, 100-kilohertz range which is five times above the range of some human's hearing. As a foot note some children can hear at an incredible range such phrases as "would you like some ice cream" while other phrases can go unnoticed even when emitted at a deafening scream.

The research on plants screaming for water was started more than four years ago with work on corn plants undergoing extreme water deprivation. The shrinking of cell wall is thought to be the source of the sounds. I once believed that you could talk to your plants and help them through difficult times. I never in my wildest thought they would ever answer!

All of this research has some real practical value and although stories like this one tend to make light of this work, I believe that its only by poking and probing into life's mysteries that we will ever begin to solve them.



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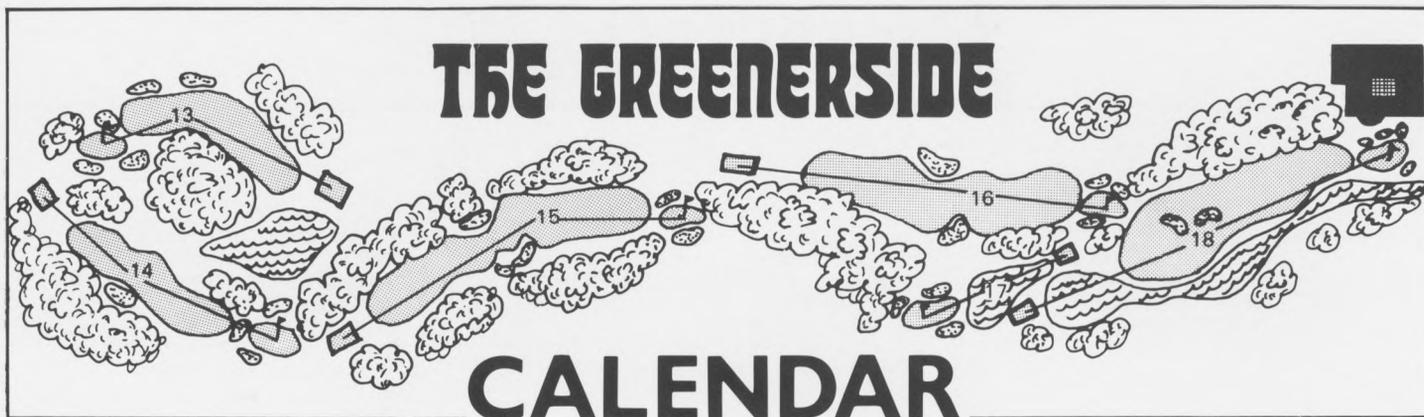
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EVENT	DATE	LOCATION	HOST
Plant Nutrition and Fertilizers	<i>November 10–11</i>	Natick, MA	GCSAA 1-800-472-7878
GCSANJ Annual Meeting	<i>November 15</i>	Hollywood Golf Club Deal, NJ	Bruce Cadenelli 201-531-3609
Alliance for Environmental Concerns Annual Meeting	<i>November 22</i>	Forsgate CC Jamesburg, NJ	Ilona Gray 201-595-7172
New Jersey Turfgrass Expo	<i>December 5–8</i>	Resorts International Atlantic City, NJ	Henry Indyk 201-932-9453
GCSAA International Golf Course Conference and Show	<i>February 6–13 1989</i>	Anaheim, CA	GCSAA 1-800-472-7878
GCSANJ & GCSAA Seminar— Insects on Turf, Tree and Shrubs	<i>March 9 & 10 1989</i>	Hyatt-Regency New Brunswick, NJ	GCSAA 1-800-472-7878
GCSANJ Winter Seminar	<i>To Be Announced</i>	Rutgers University New Brunswick, NJ	Chris Carson 201-232-3621

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