

Connecticut Association of Golf Course Superintendents Devoted to sharing knowledge and experience for better turf

October, 1990

Volume 24, No. 3

CONNECTICUT ASSOCIATION OF GOLF COURSE SUPERINTENDENTS

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| | |

Connecticut Clippings

is an official publication of The Connecticut Association of Golf Course Superintendents.

Newsletter Staff John F. Streeter, CGCS, Editor Michael Dukette, Technical Copy

The object of this Association is to encourage increased knowledge of golf course management and greater professionalism through education, research, exchange of practical experience, and the well-being of each individual member.

S & R Tournament October 3rd Glastonbury Hills Country Club Glastonbury, CT

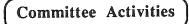
Around the Board Table

Our President, Tom Watroba, on behalf of CAGCS, has made a request to GCSAA that Dr. Noel Jackson from the University of Rhode Island be considered for the Annual Distinguished Service Award which is presented at the GCSAA Conference & Show. The Rhode Island Association is acting as a co-sponsor with the Connecticut Association in this endeavor.

Tom also sent thank you letters to all of our past monthly meeting hosts and also to the Connecticut Women's Golf Association for their donation to our S & R Fund.

Tom also sent a thank you letter to *Golf Magazine* for the article written by Frank Hannigan entitled "A Super Job". That article was reprinted in the August issue of the *Clippings*. Read it if you haven't.

CAGCS received a thank you letter itself from Larry O'Brien from the Basketball Hall of Fame thanking us for the opportunity to play in our Annual Invitational.



Dave Stimson, Chairman of the Education Committee, has reported that speakers for our annual January seminar are in order. The four speakers we have committed to the seminar at this time are Dr. James Watson from the Toro Company; Mr. Donovan from Agridiognostics; Mr. Otis from the USGA; and Duane Patton, CGCS, from the GCSAA. The January seminar will be held January 8, 1991.

Greg Piontek from the DEP will also be one of our feature speakers at the seminar. He will be presenting us with a forum by which to have our questions answered in reference to the new posting and recycling laws which will become effective in 1991.

Peter Pierson, our Representative from PPUC, has announced that the DEP will be working toward posting regulations for next season. The testing procedures for the pesticide license exam are being revamped and a new study manual is being adopted. We also have been informed that as of January 1, 1991, golf courses will be subject to the recycling laws.

Commercial Rep., Stephanie Zanieski, has been busy preparing for the 1990 Superintendent of the Year Award. Stephanie and her Committee, which is made up of past winners, have revised the cover letter and will soon be sending out a list of eligible members and a ballot for all to vote. The award, bestowed on the recipient by his peers, is given annually at the January seminar.

Public Relations has announced that *Golf Course News* has requested to receive information from our Association concerning any job changes, new golf courses, election results and any other pertinent information that may come down throughout the season.

We are also pursuing an interview to be conducted by Al Terzi of Chanel 8 with four superintendents from the Connecticut area.

Planning a Golf Course Irrigation System

The Design/Installation Team By Austin J. Miller, PE, CID

Even with computer control of golf course irrigation systems, it is possible to build restrictions into the system which present a flexible watering program.

Small pipe size, too many sprinklers on one control circuit, wide variations in elevation without proper pumping plant control, extensive looping and improper sprinkler spacing leave the golf course superintendent with precise control, but control over an inefficient irrigation layout.

Several years ago the New Mexico GCSA published an "open letter" on "the Achilles" heel of our water crisis.

Most of the problems mentioned in the letter would not have occurred if the correct approach to the design/installation of a golf course irrigation system had been followed.

The Correct Approach

Five individual inputs are needed to design/install a suitable golf course irrigation system: Owner, Board of Directors, Greens Committee; Golf Course Superintendent; Engineer/Designer; Equipment Distributor; Installation Contractor. If any of the above interests are not represented on the Design/Installation team, the final product will not be an ideal irrigation system.

The Owner . . .

The owner's interest is paramount. Their input is knowledge of the financial resources available to the golf club, the long range plan or goal for the golf course regarding the property and the thinking of the members and players regarding the desired quality and status of the golf course.

The owner's input might come from the private club Board of Directors or Greens Committee. With a municipal club, it might be the parks department, golf commission, mayor, or other city official.

In some cases, the individual club owner or group of owners is the one involved in the design/installation process representing the ownership interest. At any rate, the owner's input is important early in the project and repeated conferences are necessary to coordinate the design with the owner's goals.

Golf Course Superintendent . . .

The golf course superintendent provides his/her input in knowledge of the climate, soils, turf, cultural practices required, skill level and availability of labor and water required for the level of course maintenance selected. The superintendent is the coordinator of all those providing the inputs to the system design.

Without an aggressive superintendent, the design/installation process will not produce the best system.

(continued on page 8)



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Grass Catcher

Welcome New Members

The following members have met all of the requirements and have been voted in as members of CAGCS:

> Alan Carey - Class C Alpine Tree Care, Inc.

Mike Decker - Class B Clinton Country Club

William Kamerer - Class A Grassmere Golf Club

William Duncan - Class C Stephen B. Church Company

Matt Howland - Class C Shawnmark Industries

Mike Miner - Class A Connecticut Golf Club

Joe Stahl, III - Class C Metro Milorganite

Greg Stent Wampanoag Country Club

Mike Sullivan - Class B H. B. Brownson Club

Greg Stent - Class B Wampanoag Country Club

Mike Sullivan - Class B Madison Country Club

James Wierzbicki - Class B Rockledge Country Club

Family Day a Raving Success

The Annual CAGCS Family Day changed sites in 1990, but did not lack support. Over 100 members and guests attended the gala event in August which was held at the Pine Orchard Yacht & Country Club.

The crowd was treated to a variety of events followed up with fine food and cocktails.

After your round of golf in the morning, it was to the fires for freshly grilled hot dogs and hamburgers. The afternoon activities included a boat cruise, volley ball, badminton, softball and for the lazy ones, there was a cool dip in the pool and a rest on a lounger.

Many thanks to Eric Johnson and his staff for a successful day.

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Are you playing in the GCSAA Annual Golf Tournament?

Peter Lewis, Golf Chairman, has requested that anyone who is planning to play in the Annual GCSAA Golf Tournament in Phoenix to please contact him as soon as possible, if you are interested in playing on the Connecticut team at the tournament.

Rooms for Las Vegas Still Available

As you also know, CAGCS has reserved a block of rooms at the headquarters hotel (Riviera Hotel) for the 1991 GCSAA Conference & Show. There are only a few rooms left. If you are interested in reserving a room through CAGCS, you must notify John Streeter ASAP.

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CAGCS AWARDS SCHOLARSHIPS

The S & R Committee announced the following recipients of the annual CAGCS scholarships:

Sponsor

Recipient

Al Arison Pamela Arison Stephen Kotowicz **Diana Kotowicz** Tom Watson Joseph Gengo Ed Consolati, Jr. Ed Consolati **Bob Phipps** Jane Weiland Mike Chrzanowski David Gordon Phil Neaton Steve Colangilli Mike Wallace Grier Wallace John Gallagher Richard Anderson John Mulhearn William Mulhearn

Congratulations to all recipients. Each will receive \$400.

The Connecticut Clippings is actively looking for a new editor!

The responsibilities of the editor include gathering of timely information which concentrates on local and national associations, and any other pertinent information that may be valuable to our members.

Unlike in the past, the new editor will not be responsible for setting up the newsletter or mailing it.

The new editor will be responsible for forming his own committee for the gathering of this information and forwarding it to our current in-house secretary who will do all of the typing, set-up, and mailing.

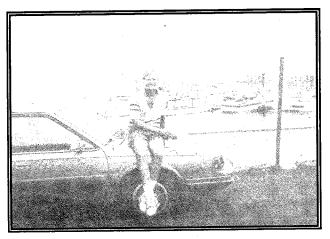
Anyone who may be interested, please contact John Streeter for further information.

CAGCS Annual Family Day Picnic At Pine Orchard Yacht & Country Club Hosted by Eric Johnson

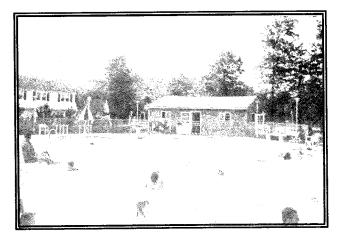


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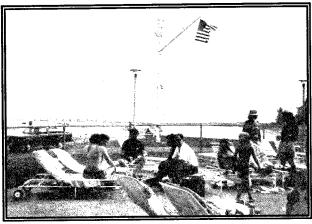
Free rays on a free day!



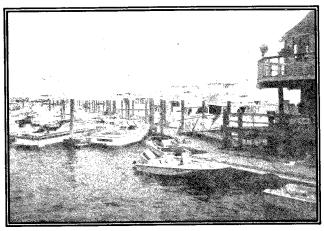
Another successful event for our President!



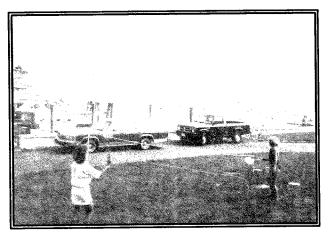
O.K. -- Everybody in the Pool ...!



A Board meeting in August?



A rare view for a superintendent in August!



Golf, boat cruise, etc. ... and yes ... badminton!

The Score Board

Weischet Retains Crown

Ward Weischet, Superintendent at Pilgrim's Harbor Country Club, successfully defended his CAGCS Championship title. The championship was held over the course of two golf meetings, the first being at Racebrook Country Club, and the second round being held at the Blackledge Country Club. Ward fired a fine 72 and 74, respectively, to take the title home again.

In the Net Division, our President Tom Watroba, Suffield Country Club, walked away with the net trophy. Tom stroked his way to a net 71 and 76, respectively, for a 147 total.

Congratulations to our two champions!

Other Winners

In the Senior Division, Frank Lamphier, Aspetuck Valley Country Club, once again came through and beat all those "old folks" to take home the first prize in the gross category.

In the net bracket of the Senior Division, Charlie Baskin from the Country Club of Waterbury took home the first prize.

In the Affiliate Division, the gross champion was Frank Savakis from the Bruedan Corp., and the net champion was Carl Wallace from the Magovern Company.

Other Championship Results

13 - 24 Handicap

Gross - Peter Lewis Country Club of Farmington Net - Tom Fletcher H. Smith Richardson Golf Course

25 - 36 Handicap

Gross - Mike Wallace Hop Meadow Country Club Net - Ed Lamphier Sunset Hill Golf Club



Met Area Team

The 1990 Annual Met Area Team Championship will be held October 2nd at the St. Andrews Golf Club in Hastings, New York. The gross team from the Connecticut group will be comprised of Ward Weischet, Peter Pierson, Mike Dukette, and Frank Lamphear. The net team will be comprised of Ed Lamphier, Dave Stimson, Peter Lewis, and Tom Watroba. Hit him well!

Invitational Results from Hop Meadow Country Club

The gross winners at the Annual Invitational held on June 25th hosted by Mike Wallace was won by the team from Ludlow Country Club, Superintendent Stan Kogut, Jr. The net division was won by the team from Willimantic Country Club where Steve Rackliffe is the superintendent. The second gross was Peter Lund's team from Taconic Country Club, and Black Hall Country Club where Phil Neaton is the man in charge took home the second net prize. The host team, Hop Meadow, slid in to take down the third net.

Superintendent/Manager tournament was held on July 10th at Tumblebrook Country Club where Dave Stimson resides as superintendent. In the superintendent/ manager division, Charlie Baskin along with his manager, Bill Carroll from the Country Club of Waterbury fired a fine 59 in the two-ball, best ball, net tournament to capture the first prize.

The second spot was won by John Albanese and Joe Vinci from the Country Club of Farmington.

In the individual tournament for the day which was a stableford system was won by Mike Donahue from Lesco. Jim Standish, Carl Wallace and Tom Watson placed second, third and fourth, respectively.

Study cites golf's environmental priorities

A new research report confirms that golf course superintendents consider environmental safety to ben an extremely important priority in maintaining their courses.

A nationwide study by the Center for Golf Course Management (GCCM) concludes that superintendents are "very concerned about choosing maintenance practices that will not negatively affect the environment." When asked to rate their level of concern about the environment when making maintenance decisions, responses from superintendents averaged 6.27 on a 7-point scale, where "7" represented the highest level of concern.

When asked to rank special areas of concern, superintendents gave groundwater protection the highest priority. Notifying the public of chemical applications, water-use restrictions, and regulations on underground storage tanks and hazard communication were also cited as priority concerns.

"This is strong evidence that our members are fully committed to doing their jobs in an ecologically responsible manner," said John M. Schilling, the executive director of GCSAA. He added that "the study shows clearly that golf course superintendents are very well-informed about our nation's environmental priorities."

The study, <u>Buying Habits of Golf Course Superintendents</u>, was conducted by CGCM as part of a major new research effort to determine trends in golf course maintenance and to track the purchasing and budgeting practices of superintendents. CGCM, a recently created subsidiary of GCSAA, performs market research to document facts and trends in the maintenance and management of golf courses. Several prepared reports are now available through the Center and companies can custom design reports on individual research topics.

According to Schilling, several of the industry's leading corporations have already purchased copies of the <u>Buying Habits</u> report, which is available through CGCM for \$945. The <u>Maintenance Trends Report</u>, which documents the opinions of certified golf course superintendents on five key maintenance practices and industry trends, can be obtained for \$100.

Companies or golf facilities interested in the studies can contact CGCM at 800/472-7878.

GCSAA DISEASE IDENTIFICATION AND CONTROL SEMINAR Co-Hosted by CAGCS

January 14 & 15, 1991 Treadway Hotel Cromwell, CT

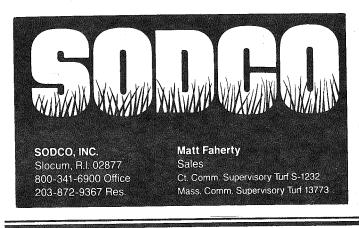
This two-day educational seminar in applied turfgrass pathology will cover disease fungi, nematodes, viruses, bacteria and other factors affecting plant health. The use of recent research reports in the development of effective turfgrass disease control programs will be emphasized. Both novice and expert will gain practical, up-to-date information immediately applicable to their turfgrass management operations from this seminar.

The seminar will be co-instructed by Dr. Houston Couch, turfgrass pathologist at Virginia Polytechnic Institute, and Dr. Philip Larsen, head of the Plant Pathology Department at the University of Minnesota.

Daconil 2787

By K. P. Tyler, GCSA of New England, Inc.

Several years ago, CBS television network ran a story on "60 Minutes" about the death of Navy Lt. George Prior. In that story, they claimed the fungicide Daconil 2787 caused his death after playing golf on a course sprayed with the product. Recently, CBS Nightly News referred to the case again in a segment on lawn care and continued to claim Daconil 2787 killed Lt. Prior. (During this segment, CBS reporter Rita



Braver referred to Daconil as a herbicide.) The following is a statement put out by the manufacturer of Daconil 2787, Fermenta Plant Protection Co., Mentor, OH.

Daconil 2787 STATEMENT

Prior v. Diamond Shamrock Lawsuit:

Listed below are the facts concerning the 1982 death of Navy Lt. George Prior:

On May 9, 1988, the TRIAL COURT in the case entered judgment IN FAVOR of the defendants. These are the facts:

• Lt. Prior died from Toxic Epidermal Necrolysis (TEN) which was caused by a viral infection.

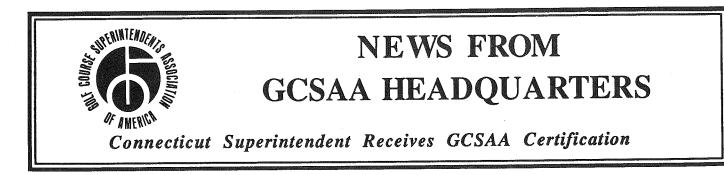
• A review of ALL medical writings regarding TEN confirmed that Daconil 2787 has never been associated with the disease.

• Daconil 2787 has been used on golf course turf for more than 18 years with over THREE BILLION rounds of golf being played without any reported incidents of TEN.

Summary Conclusion

Extensive evidence developed for this case, including product usage information from more than 18 years, clearly demonstrated that Daconil 2787 fungicide DID NOT cause TEN that resulted in Lt. Prior's death.

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Barry Anes, Superintendent of Candlewood Valley Country Club, has been designated a Certified Golf Course Superintendent (CGCS) by the GCSAA.

Anes has been superintendent of the New Milford, Connecticut, course since 1984.

To become certified, a candidate must have five years' experience as a golf course superintendent and be employed in that capacity. The candidate must pass a rigorous six-hour examination covering the rules of golf, turfgrass manage-

CAMPBELL TO RECEIVE 1991 OLD TOM MORRIS AWARD

William C. Campbell, former president of the United States Golf Association (USGA), has been selected to receive the Old Tom Morris Award from the GCSAA.

Campbell will be presented the award during the closing banquet of the 62nd GCSAA International Golf Course Conference and Show on February 12, 1991 in Las Vegas, Nev.

GCSAA President Gerald L. Faubel, CGCS, said, "No one has given more to the game of golf than Mr. Campbell. He has dedicated his life to promoting the game and has demonstrated many times his support for the golf course superintendent. GCSAA is honored to present this award to Mr. Campbell."

In addition to being a USGA past president (1982-83), Campbell also served as captain of the Royal and Ancient Golf Club of St. Andrews, Scotland. Campbell is only the third American to be named captain, joining Francis Ouimet and Joseph Dey. He is the only American to have held both

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Dave Wallace 401-295-1870 P. O. Box 418 Exeter, RI 02822 ment, pest management, financial and organizational management and the history, ethics, purpose and procedures of GCSAA. Also, an on-site inspection of Anes' golf course operation was conducted by two currently certified superintendents: Peter Burnham, CGCS, of Southbury, CT, and Ray Beaudry, CGCS, of Fairfield, CT.

GCSAA instituted the certification program in 1971 to recognize outstanding and progressive superintendents. More than 1,100 active GCSAA members currently hold "CGCS" status.

the presidency of the USGA and the captaincy of the R & A. During his USGA term, Campbell also presided as Joint Chairman of the World Amateur Golf Council.

In 1985, Campbell was honored by GCSAA with a Distinguished Service Award. In 1990, he was elected to the PGA World Golf Hall of Fame. He was the recipient of the National Golf Foundation's Herb Graffis Award in 1989 for his efforts in preserving the true spirit of the game.

One of America's most distinguished amateur golfers, Campbell has won more than 30 golf titles, including the 1964 U. S. Amateur Championship. He has been a member of the Walker Cup team eight times, never losing a singles match. In 1965, Campbell was awarded the USGA's highest honor, the Bobby Jones Award, for his sportsmanship in golf. Campbell received the William Richardson Award from the Golf Writers Association of America in 1983 for his outstanding contributions to golf.

In his nomination for the Old Tom Morris award, Campbell was also cited for his efforts to tighten the bonds between the USGA and GCSAA. During his presidency, the USGA launched major fund-raising campaigns to finance the development of Golf House and the establishment of test facilities for clubs and balls, as well as a longterm program for turfgrass research, notably in the area of drought-tolerant grasses.

GCSAA established the Old Tom Morris Award in 1982 to recognize individuals who have made outstanding lifetime contributions to the game. The award is named in memory of Old Tom Morris, greenkeeper and golf professional at the R & A, clubmaker, ballmaker, four-time British Open champion, and golf course architect.

Campbell joins Arnold Palmer, Bob Hope, Gerald Ford, Patty Berg, Robert Trent Jones, Sr., Gene Sarazen, Chi Chi Rodriguez and Sherwood Moore, CGCS, as recipients of the coveted Old Tom Morris honor.

Golf Course Irrigation Systems

(continued from page 2)

Engineer/Designer . . .

This input requires knowledge of hydraulics, irrigation system materials, sprinkler head performance, automatic control systems, pump theory, pumping plant control and computer analysis of the pipe grid and computer scheduling.

The engineer/designer provides performance analysis, plans, specifications, bidding and contract documents, contract administration, and field and final inspection.

Bids and contracts are based on what the course wants and needs in an irrigation system, and not on what particular products the material supplier is handling. The bidding procedure then provides for the contractors and material suppliers to be evaluated fairly.

Computer analysis by the engineer/ designer of each piping branch allows the "what if" game to be played.

"What if" a pipe size is reduced or enlarged? What impact will this have on performance and cost? These analyses can be done manually, but no one today has the time.

When cost per pound of pipe and cost per kwh of electricity is inserted into the computer program, the lowest cost size of pipe will emerge based on amortization and pumping hours per year.

These parameters may be changed to suit a particular golf course, but an efficient design will result.

Computer programs also show a pattern of distribution plots for the actual sprinkler stakeout of greens, tees and fairways. The sprinkler layout can be changed as required to suit the superintendent's estimate of water required for that particular area.

This data allows the superintendent better control of watering during changing weather conditions.

Most states do not require that a registered engineer make the irrigation design. Designers provide the great majority of these services.

To raise the level of expertise in the industry, the Irrigation Association (IA)

has established the Certified Irrigation Designer (CID) Program. Any irrigation designer showing the CID seal has demonstrated that he/she has passed a basic test in at least the following areas of knowledge: hydraulics, electricity, soil/water/plant relationships, irrigation scheduling, irrigation terminology and pumps. Additional testing is required in the specialty of golf course irrigation.

There is no guarantee that the successful completion of the tests makes the designer an expert, but it assures the client that the designer has at least a minimum level of competence.

CID's may work for irrigation suppliers or contractors and belong to the Contractor or Distributor Division of the IA. Some CID's are in private practice and belong to the Professional Consultants Division of the IA.

Professional Consulting Engineers/ CID's are employed and paid by the golf course owner and thus work in the owner's interest. CID's in the employ of the distributor or contractor cannot spend the approximate 300 staff hours required for a professional irrigation design and thus their plans and specifications are quite often standard ones not tailored to that particular golf course.

The cost of hiring a Professional Engineer/Designer is minimal compared to the cost of the installation and this cost can generally be recovered several times over through a more efficient irrigation system and lowered bids.

Equipment Distributor . . .

Many people believe that selection of an equipment distributor is more important than selecting a brand of equipment.

The distributor should be located in the trading area where the golf course is located and provide on time delivery of the material and equipment at reasonable prices. They should provide good service during the guarantee period, and must stock parts for equipment sold. A good distributor provides replacement parts and is a liaison with the various manufacturers.

Today, the distributor often substitutes for the Engineer/Designer. This leaves the owner without technical or administrative representation.

The burden of evaluating the design, specification, and installation is then placed upon the golf course superintendent.

The superintendent is generally not trained thoroughly enough to replace the Engineer/Designer function in the modern complex irrigation system process.

Contractor . . .

The contractor's job is to furnish the manpower, equipment and materials for the irrigation system installation and coordinate these into a finished installation that is commercially perfect.

It is particularly important that the contractor and his employees have the skills necessary to provide high quality workmanship.

A contractor is often able to suggest cost saving installation ideas.

The plans and specifications should be reviewed with the successful contractor so his ideas for increasing the system's efficiency and reducing cost may be evaluated.

A contractor must be able to provide fast warranty service during the guarantee period.

Summary

When any of the five inputs required for a golf course irrigation system design/installation team are missing, the success of the project is jeopardized.

The golf course superintendent and the engineer/designer should be the coordinators of this process and make sure that all five groups are represented.

(This article appeared in the Feb.,'90 Irrigation Assoc. Newsletter, and was contributed by Richard W. Smith of Richard W. Smith & Associates)

Without an aggressive superintendent, the design/installation process will not produce the best system.

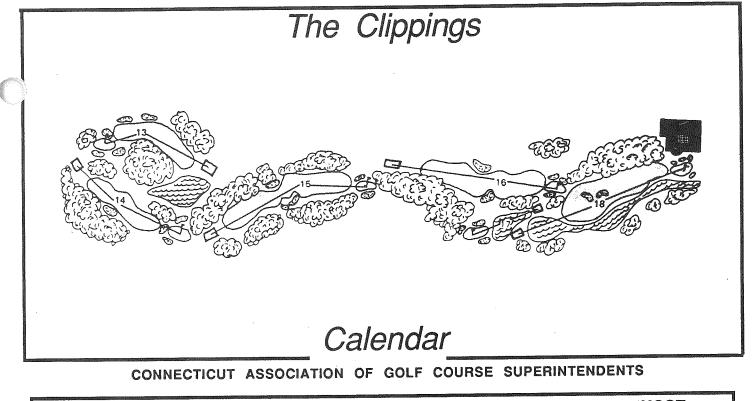
CONTINUING EDUCATION

As a GCSAA member, you're in a growth industry if ever there was one.

And to keep on top of it, we offer dozens of seminars throughout the year on a wide variety of subjects: the latest in scientific methods from university researchers to the latest in employee motivation from professional management consultants.

Take advantage of the GCSAA seminars. Because once you take on the responsibility of keeping golf green, you can never stop learning.





| | DATE | EVENT | LOCATION | HOST | | |
|--|--------------------------|--------------------------------|---|----------------|--|--|
| | October 2 | Met Team Championship | St. Andrews Golf Club Hastings, NY | Met GCSA | | |
| | October 3 | S & R Tournament (Scramble) | Glastonbury Hills Country Club Glastonbury, CT | Douglas Webber | | |
| | October 17 | CAGCS Monthly Meeting | Heritage Village Country Club Southbury, CT | Peter Burnham | | |
| | November 5 | CAGCS Annual Meeting | Old Lyme Country Club Old Lyme, CT | Brian Skelly | | |
| | January 14 & 15, 1991 | GCSAA Disease Seminar | Treadway Hotel Cromwell, CT | CAGCS | | |
| | | Looking Ahead | | | | |
| | | | | | | |
| | Las Vegas, Nevada | | | | | |

CAGCS Thanks the Following Patrons for Their Continued Support of our Association

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Pro-Lawn Products, Inc. 30 Nashville Road Bethel, CT 06801 Stephen M. Kotowicz (203) 792-3032

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Turf Products Corporation 157 Moody Rd., P. O. Box 2576 Enfield, CT 06082 John Ferry, Mark Loper (203) 763-3581

Turf Specialty, Inc. 60 Merrimack Street Hooksett, NH 03106 Dave Schermerhorn (603) 485-7866

Westchester Turf Supply, Inc. P. O. Box 198 Lincolndale, NY 10540 Bob Lippman (914) 248-7476

Winding Brook Turf Farm, Inc. 240 Griswold Road Wethersfield, CT 06109 Donald Grant (203) 529-6869