

CONNECTICUT CLIPPINGS



Connecticut Association of Golf Course Superintendents

Devoted to sharing knowledge and experience for better turf

JULY, 1989

Volume 23, No. 2

**CONNECTICUT ASSOCIATION
OF GOLF COURSE
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Connecticut Clippings is an official publication of The Connecticut Association of Golf Course Superintendents.

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Greg Bradley, Advertising
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Cover Credit

CAGCS wishes to thank Richard Chalifour for his outstanding efforts in originating the new cover design for our Newsletter. Richard is the son of our President, Robert Chalifour.

**NEW GCSAA PROGRAM DESIGNED
TO PROTECT GOLF'S ENVIRONMENT**

Coping with regulatory obligations and managing environmental and safety risks are increasingly being recognized as important professional priorities for today's golf course superintendent.

To help superintendents continue to meet these responsibilities, the GCSAA has contracted with Hall-Kimbrell Environmental Services, Inc., one of the nation's leading environmental consulting firms, to develop the first comprehensive environmental management programs for the golf course industry.

"We want to help superintendents make their golf courses as environmentally pleasant and safe as possible," said John M. Schilling, Executive Director for GCSAA.

In recent years, federal, state and local environmental regulations that apply to golf courses have increased dramatically. The rules are complex -- sometimes even contradictory -- and compliance is often frustrating and time-consuming. The new regulatory compliance audit package allows superintendents to objectively and comprehensively evaluate their own facilities.

"As the superintendent of several municipal courses, I can say that this new program gives me a better opportunity to meet regulatory requirements in a timely fashion and to manage for risks that might have meant liability or fines," said Dennis D. Lyon, CGCS, Golf Division Superintendent for the City of Aurora, Colorado.

The audit package deals with such issues as pesticide usage, storage, handling and disposal of containers and rinsates; worker safety, hazard communication standards, proper equipment use; water supplies, use, purity and restrictions applying to irrigation; underground storage tanks; and many more.

The package consists of:

- The Compliance Audit Booklet -- A notebook style set of checklists containing more than 500 questions that the superintendent answers and then submits to Hall-Kimbrell for evaluation. Results are returned to the superintendent as a "Responsive Report" detailing specific compliance on the federal and, in some cases, state level. The report also provides additional expert guidance to allow superintendents to find out more on their own.

- An instructional videotape, which gives users an overview of the regulatory framework affecting golf courses.

- Additional printed material, giving superintendents more information on the regulations that affect them.

In addition, Hall-Kimbrell will develop on-site follow-up services to help superintendents develop in-house programs to meet or exceed the compliance standards set out in the response report.

"The up-front cost of developing these materials is several hundred thousand dollars, which Hall-Kimbrell has decided to invest," noted Schilling. "The result will be a very valuable new management tool with a comparatively low per-audit cost to individual superintendents."

The cost of a privately solicited environmental audit can approach \$10,000. Under this jointly sponsored program, GCSAA member superintendents will pay only \$725. Non-members will be charge \$900.

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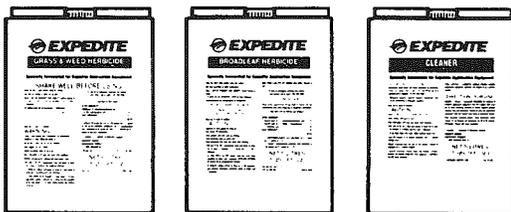
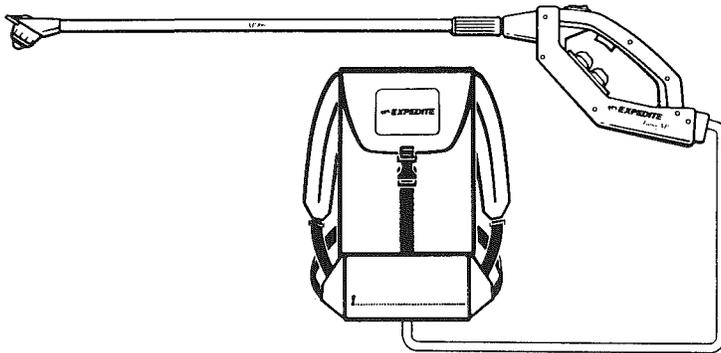
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The Score Board

Lund & Company Capture CAGCS Invitational

The team from Taconic Golf Club captured the Annual CAGCS Invitational Tournament held at The Country Club of Farmington on June 19th. The team of Peter Lund, Superintendent, Rick Poble, Golf Pro, Kim Chapman, and Howard Brookner, club members, managed the well-conditioned layout with a best ball score of 64. Golf Pro Rick Poble seemed to be the strong side of the team as he stroked his way to a fine 69. The team was presented the traveling Connecticut Cup and will keep it in display for a year.

The full field was well treated, as always at the Country Club. From the greetings of Golf Pro John Murphy to the well-conditioned course by Peter Lewis (despite the monsoon-type spring) to the fine spread of food put out by Manager Sam Kardi, another successful tournament was had.

Gross Winners

Taconic Golf Club - 64
Peter Lund, Rick Poble
Kim Chapman & Howard Brookner

Mill River Country Club - 66
Frank Lamphier, III, F. Kolakowski,
J. Gloria & Carmen Timpanelli

Twin Hills Country Club - 67
Mike McDermott, George McDermott,
Dave Duncan & Bob Dorsey

Longest Drive
Mike Chrzanowski - 314 yds.



Net Winners

Pine Orchard Country Club - 58
Eric Johnson, Joe Starzec,
Ray Falkoff & Bob Soboleski

Cliffside Country Club - 59
John Streeter, Gary Deep,
Bernie Lapuk & Victor Kravitz

Manchester Country Club - 59
Gary Bryant, Paul Rossetto,
Ralph DeNicolo & Sergio Sartosi

Closest to the Pin
Tim Gauronski - 15"

Lamphier takes home medalist honors at Ellington ...

Frank Lamphier, of Aspetuck Valley fired a fine 76 on the recently renovated Ellington Ridge Golf Club, at the April Meeting of CAGCS. Compliments were a plenty as over 50 golfers enjoyed a fine conditioned golf course courtesy of Dave Vibber. After a day of golf all in attendance enjoyed a fine dinner meeting followed up by a very informative educational session on poa-annua management, which was presented by Dave Sylvester of The Nor-Am Company. Dave presented the new trends in poa-annua eradication by way of implementing such management practices as growth retardents, overseeding and collecting clippings on fairways. The golf tournament of the day was a blind draw.

Gross Winners

Frank Savakis of Bruedan &
Al Semprebon of Minnechaug Golf Club - 168

Jim Staszowski of Turf Products &
George McDermott - 170

Low Net Winners

Tom Watson of New London C.C. &
Peter Pierson of Pequabuck Golf Club - 144

Bill Hoerle of Hopmeadow &
Tim Schaff of Mill River - 148

David Stimpson of Tumble Brook &
Bob Devan of Oronoque Village - 151

John Ferry of Turf Products &
Mike Dukette of Old Fox - 153

Closest to the Pin

Sponsored by The Cardinals
John Ferry

Longest Drive

Sponsored by The Cardinals
Mike Dukette

Bentgrass Sod

Bluegrass Sod

Stormy Acres

Kevin Gunn
802 / 265 - 3046

Hackadam Rd.
West Haven, Vt. 05743

CAGCS Membership Services Survey

Dear CAGCS Member,

The CAGCS Long Range Planning Committee is attempting to outline specific programs and future goals to strengthen our organization and help provide CAGCS with future direction. We are seeking as much membership input as possible to help us develop these programs and establish priorities. The Committee feels that the best method for members to communicate their thoughts and opinions regarding the present and future plans of the organization is through the use of membership surveys.

Our initial survey concerns membership services. Although we are attempting to deal with specific subject matter, feel free to comment on related issues or matters of importance to you. Please take the time to respond to these strictly anonymous surveys. Remember, this is your opportunity to voice your opinion and help mold the future of CAGCS.

Sincerely yours,
Thomas Watroba, Chairman
Long Range Planning Committee

1. What is your membership classification? _____
2. Who pays your CAGCS membership? _____
3. Are you happy with the present membership services offered by CAGCS? _____ If not, how would you improve them?

4. What possible service could CAGCS provide you that would benefit you, personally, the most? _____

5. Would you be interested in CAGCS developing a training program, or seminar-type instruction for your employees? If yes, do you have any ideas or suggestions?

6. In the past, surveys have been done on course operation expenses. Do you feel these are worthwhile, and how often would you like to seem them done? _____

7. Would you be interested in a medical and/or dental plan developed by an outside agency for the Association? If yes, would your company be interested in a plan covering your employees and possibly other company employees?

8. If CAGCS were to develop a pension plan for its members, would you be interested? _____ If yes, what methods of funding this plan could we use besides a substantial dues increase? _____

9. Would you be interested in starting a benevolent fund for CAGCS members and their families? _____

10. Do you have any other thoughts or suggestions regarding insurance, health, pension, or benevolent plans for CAGCS? _____

11. Do you feel that the GCSAA commercials have helped promote the superintendent's professional image? _____
If not, why not? _____

12. Are you in favor of spending about \$1,500 a year on television advertising? _____ Given the high cost of television advertising, what amount do you feel would be appropriate? _____

13. Would you like to see CAGCS have a booth at the G.H.O.? _____ Would you help man such a booth? _____

14. Would you favor a dues increase in order to boost CAGCS public relations? _____

15. Is there any one item or cause that you feel the Association could support in order to further promote ourselves? _____

16. List any idea or program you would like to see CAGCS implement some time in the future. _____

17. Where would you like to see CAGCS in five years? _____

18. Do you feel these surveys are a good method of soliciting ideas and establishing communication between the membership and the Long Range Planning Committee of CAGCS? _____ If not, what alternative methods can you suggest? _____

19. Additional Comments: _____

Return this form no later than Sept. 1st to:
Thomas Watroba, Vice President, C A G C S
64 Susan Drive
Suffield, CT 06037

Weischet's 76 Leads CAGCS Championship

Ward Weischet posted a 76 to take the First Round lead in the CAGCS Annual Golf Championship. The Second Round scheduled for the June Meeting at Hopmeadow was rained out (a familiar word this year) and it was held as originally scheduled for the July meeting at New Cannan. Scott Ramsay, host of our May Meeting, did a superb job in preparing the golf course. Conditions at The Pautipaug Club were found to be beyond expectations considering the size budget and staff. This is a direct result of a Superintendent being innovative and accomplishing the necessary practices to insure good playing conditions. Hats off to you, Scott Ramasy.

Lee Kozey from the Ferementa Company presented the 70-odd members in attendance with some information on Daconil and other Fermenta products. Although the ride to Pautipaug was an adventure, a good day was had by all as our hosts at Pautipaug rolled out the red carpet.

Mike Dukette fired a 75 to lead the contingent vying for the six places to be filled for the CAGCS entry to The Met Team Championships to be held on Oct. 4 in Long Island.

Other Golf Results from May

Gross		Net	
Ward Weishet	76	David Stimson	65
Les Kennedy	77	Mike Wallace	69
Don Grant	78	Eric Johnson	69
Peter Pierson	78	Mike Ovian	70
John Streeter	78	Tom Watson	70

Longest Drive ~ Tim Schaff

Closest to Pin

Dick Cook

Sponsored by The Magovern Co.

Dukette, Weishet Post 77's at New Cannan

Mike Dukette and Ward Weishet had the hot hands at our monthly golf meeting held at The Country Club of New Cannan. Both players fired the way to the winners circle in their respective divisions by combining the gross scores from the first round held in May. Weishet's 77-76 bettered his closest follower, Peter Pierson 77-78, by two shots and earned him the CAGCS Golf Championship. Dukette's 77-75 was also best in the affiliates ranks which should assure Mike a spot on the CAGCS team that will travel to Long Island in the fall to compete in The Annual Met Team Championships. More CAGCS Championship results in the upcoming issue of The August Clippings.

Other Scores from New Cannan

Gross		Net	
Ward Weishet	77	Wade Haynes	67
Mike Dukette	77	Carl Wallace	68
Peter Pierson	78	Gary Bryant	73
Peter Bly	80	Tom Haudenschild	74
		Dave Stimson	75



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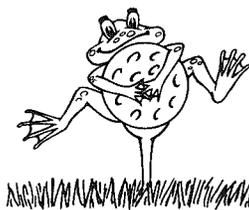
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GCSAA DONATES \$25,000 for Turfgrass Research

The GCSAA recently contributed \$25,000 to the USGA/GCSAA Turfgrass Research Committee to support ongoing scientific work on new turfgrass varieties that would require less water and be more disease resistant. GCSAA President Dennis D. Lyon, CGCS, made the presentation June 14 at the annual USGA/Golf Writers Association of America banquet during the U.S. Open in Rochester, N.Y.

More than \$2.8 million has been distributed by the committee since 1983, according to William H. Bengeyfield, National Director of the USGA Green Section. The committee currently supports 25 research projects, he said.

"We do thank GCSAA for the research funding they provide, and we also appreciate the time people like Jerry Faubel, Dennis Lyon and John Schilling contribute to the committee," Bengeyfield said. "And \$25,000 is absolutely fantastic."

Lyon said: "GCSAA sincerely supports the USGA turfgrass research project. We look forward to working together with the USGA on other projects in the future."

Around The Association

S & R Committee announces scholarship recipients. The following students received \$400 scholarships each for the coming school year: Steve Colangeli, Ed Consolati, Jr., Debbie Holcomb, Sue Kototowicz, John Lynch, Lori Silva, Nancy Stimson.

CAGCS Welcomes New Members

Herbert E. Anderson
Highfield C. C.

Stephen Basile
Basile Associates

Eric J. Cadenelli
H. B. Brownson C. C.

James Calamita
Redding C. C.

Pierre Coste
American Golf Corporation

John Deering
John Deering, Inc.

Gary DePaola
Hunter G. C.

Greg Ellis
Mobay Products

William Evans
Race Brook C. C.

Edward Goodhouse
Country Club of Torrington

Kimberly Heyl
Black Hall G. C.

Darrall Lamphier
Whitney Farms G. C.

Mary Lizauskas
Highfield C. C.

Patrick Lucas
Innis Arden G. C.

Larry McCue
Farmingbury Hills C.C.

Rus Nielsen
Ceiba-Geigy

John Paty
Feldman Brothers

Jeffrey Phelps
Minnechaug G.C.

John Sidoti
Greenwoods C.C.

David Snyder
Organge Hills C. C.

David Wallace
Tee & Green Sod

Douglas Webber
Glastonbury Hills C. C.

Wayne E. Williams
Soilizer Corporation

Stephanie Zanieski
Cadwell & Jones

President Chalifour informed the Board that he has met with Russ Palmer of the CSGA regarding a joint seminar this fall which will include club officials and superintendents. A tentative date of October 30th has been established, and a program putting it together is in progress.

Vice President Watroba announced that the Long-Range Planning Committee has put together a Membership Services Survey to help to provide CAGCS with future direction. Take time to fill out the Survey which is a part of this issue, and return it to Tom by September 1st.

The schedule for the *Clippings* will be changed as follows: Issue No. 3 - August 30th. Issue No. 4 - October 31st. Issue No. 5 - December 31st. Please note that the deadline is two weeks prior to publication if you have anything you may wish to submit.

CWGA donated \$100 to the Research Fund of CAGCS.

Be sure to look for mailing concerning GCSAA/CAGCS Seminar to be held sometime in March.

Worried About Pesticides in Food and Water?

Here are the Facts
J. Gordon Edwards, Ph.D.

Dr. Edwards, a Counselor of the National Council for Environmental Balance, is a professor of entomology at San Jose State University, San Jose, California. A ranger, naturalist-botanist, he has written for many publications on biology, ecology, entomology, mountain climbing, ornithology and zoology.

PESTICIDES AND PUBLIC HEALTH

Pesticides, in whatever form and for whatever use, are prime targets for media attacks. Little or no attention is paid to the positive values resulting from their use, while potential adverse effects (usually having little or no basis in fact) are magnified out of all proportion. In reality, the hazards are infinitesimal compared to the dangers from common household products and chemicals that occur naturally in the environment. The chlorine in our drinking water is more poisonous than most of the insecticides and herbicides to which we may be exposed. Without chlorination, however, the disease-causing organisms in water would cause serious illness or death to many people, even in this country.

Pesticides annually save thousands of human lives in developing countries, increase the amount and improve the quality of agricultural products, and abate the ravages of malnutrition and disease. Hundreds of millions of humans now alive and healthy would have died long ago if synthetic pesticides had not been used on their behalf. Modern man-made chemicals have replaced the more dangerous "natural" insecticides such as lead arsenate, sulphur, lime, cyanide and fluorine, which were the most widely used pesticides prior to 1940. Those expensive chemicals were extremely toxic to humans as well as non-target birds and mammals, and persisted indefinitely in the environment. Whether pesticides are "natural" or man-made" has little bearing on how much of a hazard they pose to humans and our environment.

CANCER TRUTH

Dr. Bruce Ames, Chairman of the Biochemistry Department at the University of California in Berkeley, recently stated that "the total amount of possible carcinogenic pesticides we eat in a day, on average, is both trivial and about twenty times less in amount than the known natural carcinogens in a cup of coffee, which is in itself a minimum risk." EDB (ethylene dibromide) was the major fumigant of stored foods before it was capriciously banned by the Environmental Protection Agency (EPA). Ames points out that "its abundance in our daily food intake posed only one-tenth the carcinogenic hazard of the aflatoxins (natural chemicals produced by common molds) in a peanut butter sandwich."

TOXICOLOGY THAT MAKES SENSE

It is a toxicological principle that almost every chemical (natural or man-made) will be toxic at a large enough dosage,

but at low enough levels every chemical is harmless to humans. Most critics of pesticides fail to acknowledge this, deliberately avoid mentioning the monstrous doses that were fed to experimental animals, and do not reveal how much would have to be ingested by a person in order to elicit comparable adverse effects. For example, a human would have to drink over 500 cans of diet soda daily in order to ingest the proportion of saccharin (per kilogram of body weight) that the experimental mice were forced to eat daily by researchers who sought to "prove" that the sweetener might be harmful to humans. There was obviously little reason for concern about drinking one or two diet sodas a day, but the media not only failed to put the experimental data into perspective, but further distorted matters by printing headlines like "PEOPLE EXPOSED DAILY TO CANCER AGENTS IN SOFT DRINKS." Such matters are discussed at length in Dr. Alice Ottoboni's recent book entitled, *The Dose Makes the Poison*, and in Edith Efron's classic volume entitled, *The Apocalyp-tics*.

The concentration of any chemical in the environment or in food and drink must be expressed as a proportion within the samples analyzed, rather than simply cited as being "present."

One part per million refers to the presence of one "part" of the chemical for each million "parts" of soil, water or food. Imagine a huge pile of pennies worth \$10,000 (i.e., a million of them). Now add one more penny to that pile, and you will have added "one part per million," or "one ppm." No man-made chemical is toxic enough to exert harmful effects at such low concentrations, but some natural chemicals, such as aflatoxins and botulism toxins, are. A concentration of one part per billion (ppb) is one thousand times less than one ppm. A pile of pennies worth 10 million dollars must therefore be imagined, whereafter one more penny added to the pile would be one part per billion (one ppb) of the entire pile.

News stories have sought to frighten readers by referring to one part per trillion of DDT in river bottom sediment! Some readers actually think that is more than one part per million, "because a trillion is larger than a million." The media make no effort to explain that such a concentration is actually a million times less than one part per million!

MEDIA SHOULD EDUCATE

To further lessen public concern, the news media could (and should) publicize the extensive testing that is required by the government before any pesticide can become "registered." (None can be marketed until they have been registered.) The toxicity of each substance is indicated by assigning it an "LD₅₀" (meaning "lethal dose for 50% of the test animals"). The LD₅₀ of malathion is about 1400 mg/kg; for aspirin it is about 730 mg/kg; and for parathion, it is about 10 mg/kg.

(continued on page 9)

(continued from page 8)

Worried About Pesticides ... ?

Those figures represent the number of milligrams of the chemical per kilogram of body weight of the animal which does kill 50% of the animals. The proportion reference is necessary, because obviously a small dose that barely kills a mouse would have no effect on a dog or a human (with much larger bodies). Notice that the larger of the LD₅₀, the lower the hazard from ingesting, inhaling or handling the chemical, for it takes less of the more toxic material to elicit adverse effects. Malathion is thus about half toxic as aspirin, and parathion is 70 times as toxic as aspirin.

NUMBERS THAT MEAN SOMETHING

After years of tests on animals, the government determines how many ppm of each chemical might be dangerous to people. That amount is called the "maximum safe residue level." They also

calculate a "no observable effect level," or NOEL, for each chemical. Experimental test animals are usually fed 50 to 500 ppm daily of insecticides (and one vociferous anti-DDT biologist at the University of California fed his caged pheasants nothing but grain with 12,000 ppm of DDT . . . and still caused only a few adverse effects.) If feeding great doses of a chemical causes no harm, researchers many then inject great quantities directly into the blood, or pump it into the stomach. They also frequently dissolve the insecticide in powerful solvents that do not occur in nature, thereby eliciting adverse effects that cannot be caused by great doses of the pesticides without solvents.

Dr. Ames reminds his readers that every plant in nature produces its own pesticides, comprising as much as 5% of the plant's weight. He observes that "the amount of nature's pesticides we are ingesting daily is at least 10,000 times the level of man-made pesticides" and that "many (natural pesticides) are now being shown to be both mutagenic and

carcinogenic." Despite all this, some people eagerly purchase and eat "natural" or "organic" foods, and are hysterically afraid of traces of the carefully-regulated man-made chemicals. (For those inferior foods they usually pay greatly inflated prices!)

Discussions of the safety of food, water, air and the environment are to be encouraged, but the anti-pesticide participants should always include enough solid data to make factual analysis possible. The important issues of carcinogenicity, mutagenicity and teratogenicity of chemicals in the environment, the work-place, and on our tables, deserve our attention and consideration - but always in a rational manner, without the bias that results from distorted media reporting.

*This article was furnished by
John G. Wistrand, Sales Rep,
Metro Milorganite.*

GROWTH FUNDS



At GCSAA, we're committed to the ongoing development of the state of our art and of our industry leaders of tomorrow. And that takes money.

Our Scholarship & Research Fund makes grants available to qualified students and researchers. To date, we've distributed over

\$750,000.

And we've taken a giant step to ensure long range funding by establishing the Robert Trent Jones, Sr Endowment Fund, named in honor of the esteemed golf course architect.

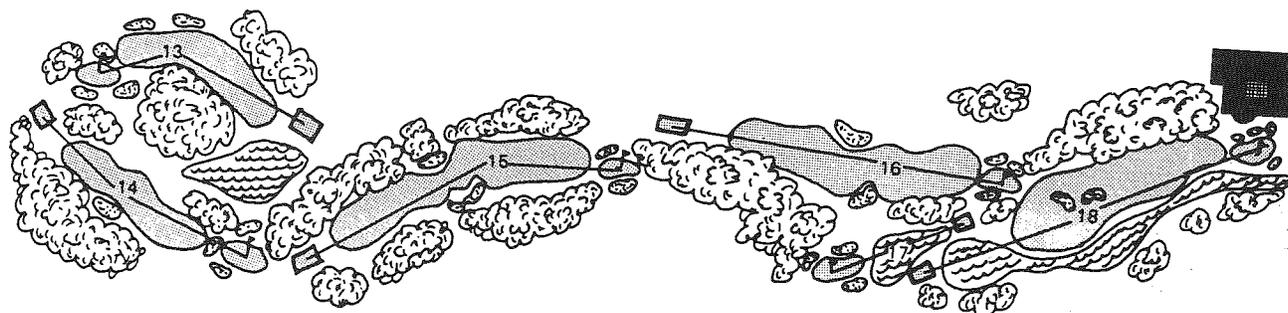
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WE KEEP GOLF GREEN.

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The Clippings



Calendar

CONNECTICUT ASSOCIATION OF GOLF COURSE SUPERINTENDENTS

DATE	EVENT	LOCATION	HOST
August 7	CAGCS Family Picnic Mixed Scotch	Madison Country Club Madison, CT	Mike Chrzanowski
August 30	URI Annual Turfgrass Field Day	University of Rhode Island Turfgrass Research Farm	Dr. Richard Skogley
September 12	CAGCS Monthly Meeting (Joint w/N.E. Supts. Assoc.) President's Cup & McLaughlin Trophy	Wampanoag Country Club West Hartford, CT	Robert Johnston
October 2 & 3	GCSAA Seminar Business Assertiveness	Cape Cod, MA	Cape Cod Turf Managers Assoc.
October 4	CAGCS Monthly Meeting S & R Tournament (Scramble)	Glastonbury Hills Country Club Glastonbury, CT	Doug Webber
October 17	CAGCS Monthly Meeting Superintendent/Assistant	Blackledge Country Club Hebron, CT	Thomas Gresh
November 7	CAGCS Monthly Meeting Annual Meeting	Suffield Country Club Suffield, CT	Thomas Watroba

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Marysville, OH 43041
Al Arison
(203) 336-9890

Old Fox Chemical, Inc.
249 Shaker Road
Enfield, CT 06082
Mike Dukette
(203) 749-8339

Partac Topdressing
Kelsey Park, Great Meadows, NJ 07838
(800) 247-2326/(201) 637-4191
Bill Carriere (914) 937-5479
Steve Kotowicz (203) 792-3032

Pipe & Irrigation Equipment
243 Woodmont Road, P. O. Box 3049
Milford, CT 06460
Paul J. Roche
(203) 878-0658

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

Purple Kings Farm
Williamstown, MA 01267
Ralph C. Mason
(413) 458-3184
(413) 458-4646

The Reichert Company
Automotive Lubricant Distributor
Riverside, CT 06878
Frank Reichert
(203) 637-2958

Ro-Brand Products, Inc.
Automotive & Industrial Fasteners
319 Cooke Street
Plainville, CT 06062
(203) 747-1621

Somers Turf Supplies
P. O. Box 2294
Devon, CT 06460
Bill Somers
(203) 878-2108

Tuckahoe Turf Farms, Inc.
Bluegrass/Fescue Turf - Penncross
West Suffield, CT
Skip Deubel
(203) 668-1226 (collect)

Turf Products Corporation
1496 John Fitch Boulevard
South Windsor, CT 06074
Mark Loper - John Ferry
(203) 528-9508

Turf Specialty, Inc.
60 Merrimack Street
Hooksett, NH 03106
Dave Schermerhorn, Ed Wiacek
(800) 228-6656

U A P Products
Box 116
East Glastonbury, CT 06025
Henry Lesinski
(203) 659-1217

Valley Farms Nursery & Supply
Sod - Turf Supplies
Simsbury, CT 06070
Joseph D. Bidwell
(203) 651-8555

Westchester Turf Supply, Inc.
P. O. Box 198
Lincolndale, NY 10540
Bob Lippman (Home: 914-248-5790)
(914) 248-7476

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