



THE NEWSLETTER

Golf Course Superintendents

Association OF NEW ENGLAND, INC.

Sponsors and administrators of the Troll-Dickinson Scholarship Fund – Awarded yearly to deserving Turf Management Students.

January 1997

Glenn Ackley's superintendent career spans push-mower to push-button age

It's not a case of push coming to shove. It just sounds that way.

"I guess I've come full circle," Glenn Ackley quipped one day last month. "When I started in this business, my job was to push – I mean really push – a lawn mower. That was during World War II and I was only thirteen. Now, what feels like a hundred years later, I'm finishing just when the golf course superintendent pushes more buttons and fewer mowers."

Glenn says it's time to retire, time to turn over the superintendent position at the Marlboro Country Club to someone else.

"There's a couple of reasons for me pulling the plug on a profession that's been my second love after my family," Glenn explained. "I'm having a tough time with what we think is arthritis. I just can't get out there on the course and do the

things I've always done. I suppose I could sit back and try pushing buttons and programming computers. But that's not my style. I'm not at my best sitting. I have to be up and on the go."

The folks at the Marlboro Country Club realize they're losing one of the profession's gems. This is Glenn's 24th season there and he'll finish with a quarter-century of service, since his retirement date doesn't become official until April 1. After that, he and wife, Barbara, will be filling in the blanks of a much deserved helping of free time.

Ackley likes to talk about being around golf and some of its pioneers.

His first boss was Homer Dowling, Sr. who owned Juniper Hill Country Club during the war and ran it with the help of a 13-year-old neighbor (Glenn) and a local nurseryman. That's when Glenn punched in two summers of hard knocks golf course maintenance, learning behind a mower that didn't move by itself.

Several years later, after turning a stint in the armed forces and pointing himself toward the superintendent's field, Glenn was rubbing elbows with members of the fledgling PGA Senior Tour when Marlboro hosted an official event.

"We (Marlboro C.C.) were one of the first clubs on the senior circuit," Ackley informed. "It was back in the early '80s and, as I recall, we were one of four tournament sites. Actually, the tour outgrew us. Marlboro wasn't meant to be a golf course that accommodates

thousands and thousands of spectators. It should be remembered, however, that Marlboro had a hand in making the Senior Tour the overwhelming success it has become."

But, back to Glenn's career drawing board. There was a period in his life, the fluctuating '50s, in fact, when he

continued on page 2

"We (Marlboro C.C.) were one of the first clubs on the (PGA) Senior circuit. It was back in the early '80s, and as I recall, we were one of four tournament sites."

"Actually, the tour outgrew us. It should be remembered, however, that Marlboro had a hand in making the Senior Tour the overwhelming success it has become."

**Glenn Ackley
Marlboro C.C.**

In this issue . . .

	Page
Calendar of Events	2
The Super Speaks Out	3
USGA Internet Resources	4
GCSAA News	5
GCSANE Christmas Party	5
Mass. Turfgrass Conference Seminar Schedule	6
Divot Drift	6
Host Superintendent Profile	8

**PRESIDENT**

Robert DiRico, CGCS*
326 Fuller Street, West Newton, MA 02165
617-527-6968
Brae Burn Country Club

VICE PRESIDENT

Kevin F. Osgood
14 Inman Lane, Foxborough, MA 02035
617-630-1950
Newton Commonwealth Golf Course

SECRETARY

James Fitzroy, CGCS*
357 W. Squantum Street, North Quincy, MA 02171
617-328-1776
Presidents Golf Course

TREASURER

Robert Ruzala
69 Gellinas Drive, Chicopee, MA 01020
413-256-8654
Hickory Ridge Country Club

TRUSTEE

John T. Hassett
110 Montgomery Avenue, Lowell, MA 01851
508-458-7300
Mount Pleasant Golf Course

TRUSTEE

Scott Reynolds
543 Dedham Street, Newton Centre, MA 02159
617-244-7741
Charles River Country Club

TRUSTEE

Charles T. Passios, CGCS*
P. O. Box 392, Hyannisport, MA 02647-0392
508-775-5116
Hyannisport Club

FINANCE CHAIRMAN

James B. Conant, CGCS*
606 River Road, Marston Mills, MA 02648-1735
508-362-1136
Kings Way Golf Club

GOLF CHAIRMAN

Michael J. Hermanson
100 Eaton Street, Gardner, MA 01440
508-632-2713
Gardner Municipal Golf Course

EDUCATION CHAIRMAN

Michael V. Iacono, CGCS*
42 Newton Street, Weston, MA 02193-2399
617-899-7913
Pine Brook Country Club

NEWSLETTER CHAIRMAN

Michael Nagle, CGCS*
51 Lincoln Avenue, Holden, MA 01520
508-853-6574
Worcester Country Club

PAST PRESIDENT

Edward L. Brearley
189 Matfield Street, West Bridgewater, MA 02379
508-584-6568

*denotes Certified Golf Course Superintendent



Newsletter Editor Wayne LaCroix
Contributing Editor Gerry Finn
Business Manager Robert Ruzala

Information contained in this publication may be used freely, in whole or in part, without special permission as long as the true context is maintained. We would appreciate a credit line.

continued from page 1

pondered the practicality of life as a golf course superintendent. So, he tried other things. Regardless, he always was drawn to the outdoors, and he hoped that becoming a superintendent would be the right move. That redirection surfaced when Glenn became assistant to superintendent Al Sandas at Juniper Hill. It was during his stay with Sanders that Ackley took the superintendent quest one step further, cramming the 10-week winter course at Stockbridge School of Agriculture.

Glenn stayed on as Sanders' top aide for 10 years, then stepped out on his own as superintendent at the Westboro Golf Course. Shortly thereafter, Marlboro tapped him to take charge there and he's been keeping things green, smooth, and silky ever since.

In his zealous pursuit of a top conditioned golf course, Glenn prides himself on his first-hand involvement in the maintenance process. "We've done a lot with Marlboro in my time," he told. "The automatic irrigation system, conversion to bent fairways, and other things. I've been kind of a grassroots guy in those projects. What I mean is, I did more working than supervising. That's just the way I am."

Because of that outlook, Glenn has put aside the love of playing the game of golf while he makes Marlboro a better place to play for others. "I don't know what it was," he remarked. "When I went somewhere else to play, the only thing I worried about was how things were going back on the job. I guess, if I'm able, I might pick up those clubs again. I really like to play."

Not only is golf the game of choice for Glenn, it's also popular with the rest of the Ackley family. In fact, son Tom, who worked under Glenn at Marlboro, has a heavy-responsibility position as superintendent at the 36-hole Juniper Hill Country Club (site of dad's super baptism).

There are six Ackley children. Working down the chronological line, there are Tom, Brian (a former golf pro), Keith, Janet, Robert, and Lauren. Each has been a success in his or her own right. "Hey, that's what we're here for - the kids," Glenn noted.

Having been attached to the golf industry for almost 50 years, Glenn has been part of the push for professional recogni-

"I've seen the profession change, the equipment improve, and the overall operation approach peak performance."

"More than that, this job has been a stepping stone for associating with so many nice people."

**Glenn Ackley
Marlboro C.C.**

tion that golf course superintendents have enjoyed along the way.

"I've seen the profession change, the equipment improve, and the overall operation approach peak performance," Glenn said. "More than that, this job has been the stepping stone for associating with so many nice people. They're nice, I think, because they have to like what they're doing. I know that's the way I feel about being a superintendent. I can't believe my working days are over. I just know I'll have to tear myself away from it."

That's the grass roots side of Glenn Ackley speaking. Indeed, he's one of the profession's gems. May he sparkle forever.

GERRY FINN

Calendar

January 9 1997	GCSANE Annual Meeting Brae Burn Country Club West Newton, Mass.
Jan. 13-15, 1997	Mass. Turf Conference Hynes Convention Center Boston, Mass.
Feb. 6-12, 1997	68th GCSAA International Golf Course Conference and Show Las Vegas, Nevada
February 25	GCSANE Monthly Meeting Blue Hills Country Club Canton, Mass.
March 10	GCSANE Monthly Meeting Dean Junior College Franklin, Mass.

The Super Speaks Out

This month's question:

What is your experience with computers relating to golf course maintenance? How did you become involved in the field, and how much impact do you expect computers to have on the profession?

Ron Kirkman, Needham Country Club:

"You're talking to a real trial-and-error guy when it comes to computers. Believe me, I was shaking when I first started using mine. So, there's been a lot of trial and a lot of errors. But, know what? I don't know how I could get along without it, now.

"It's just about a year since I was talking to people like Daryn Brown, Jim Reinertson, Mike Iacono, and Bob DiRico, and all the talk was about computers. At the time I wasn't interested in getting involved. But listening to those guys gave me a bug to give computers a try. Best decision I ever made.

"My club wasn't too keen on the idea in the beginning. However, as I started to get the thing to work the way I wanted, people around here realized this was the route to go. They even got me a nice piece of electronic equipment, around two-thousand dollars' worth. I've been getting deeper and deeper into it since the club saw all the advantages that computers present.

"Initially, I went for a software package called GCS for Windows. This sets up the basic program for my maintenance schedule relating to the care of the golf course. What it means is pushing a button, and up jumps the agenda for the day.

"What the computer does in terms of professional update is practically eliminate and condense most of the paperwork associated with my job. For example: the list of salespeople who call on me. I have a reference file at my fingertips, and the other day I looked it over. Hey, there were 65 names on that list. It means instant contact. No waste of time thumbing through address and telephone files.

"I'm now into using the computer in my club manager's role. Same thing there. It stores my inventory, purchase orders, bills, payments. You name it. Also, it has a

club personnel reference file which can be easily brought up on the screen.

"My only fear in this has eased a little with the use of a system backup. It's the fear of having everything in the computer storage wiped out by a malfunction or something else I'm not aware of."

Daryn Brown, Braintree Municipal Golf Course:

"I've been sold on the electronic age ever since college in the late '80s. That's when I was introduced to computers, and I always have taken advantage of their use at my course.

"Well, this is my fourth year at Braintree and my fourth year using a computer as the reference basis of my every day schedule. No golf course superintendent should be without one, and it's my prediction that no one will be within the next five years.

"Naturally, as a strong booster of electronics, I'm into computerizing virtually every aspect of the club. That includes things that go on beyond the superintendent's responsibilities, since I manage the whole operation here.

"This means everything is on automation, from setting up start times and watering durations on the irrigation system to arranging tee time programs that go on without a hitch.

"I'm upgrading all the time. Right now we're tapping into the internet, and that opens up a whole new world of information. We feel it's worth the investment because it's streamlines the operation. That saves the town of Braintree time, money, and storage space.

"If you asked me to define a computer on the job, I'd say it's my most important organizational tool. It speeds up the process for whatever you're doing and cuts through corners instead of going around them. Next up for us, I hope, is a web site ... our very own, on which all the informa-

tion pertaining to the course (tee time availability, green fees, etc.) will become available to everyone in the country surfing the internet. This is it. Of course, it won't mow greens or grow turf, but it sure helps today's turf managers with their ever-growing responsibilities."

Ron Milenski, CGCS, International Golf Club:

"I still consider myself a beginner in the electronic age, even though we've been using computers here for three or four years.

"I guess I started leaning toward a computer-based operation as a form of self-improvement. My wife and I signed up for a computer course and the electronic move was underway.

"We now rely on computers to the extent that we have a slew of them, with different personnel getting behind the keyboard to inject their particular form of expertise. Our secretary, mechanic, assistant, and myself all have access to a computer.

"Everything is in the program. We're even into using E-mail for interdepartmental communication. Naturally, the entire system is a godsend in the matter of saving time, eliminating paperwork, and storage space. I think you could add money to the list on the saving side, too.

"Presently, we're looking into an expanded hookup, say, from my house to my office and beyond. It's really a fascinating experience, but so helpful in the overall operation of the club. Never mind five or ten years from now, I think computers are currently a necessity in the golf course superintendent's managerial role."

GERRY FINN

For further information on computers, see the list of articles from *Golf Course Management* magazine on page 8.

Turfgrass Information File (TGIF) database now accessible via World Wide Web

Many turf professionals have become familiar with the Turfgrass Information File (TGIF) since its genesis as a cooperative project of the USGA Turfgrass Research Program and the Michigan State University Libraries in 1984. TGIF was developed as a bibliographic database that would ultimately provide access to all published materials reporting on aspects of turfgrass and its maintenance.

Since that time, TGIF has grown steadily in size and accessibility, beginning with dial-up modem access in 1988 and internet access in 1993. Now TGIF is even closer to your fingertips, through the World Wide Web! The full scope of the turfgrass research and management literature, from abscisic acid to zymograms, is now available with a more user-friendly face than ever. It's even possible to use your mouse to do an entire search without typing, or use several of the other available search options. Check out: <http://www.lib.msu.edu/tgif>.

From USGA Green Section Record,
Nov./Dec. 1996

The following is a list of web sites of interest to golf course superintendents. The list was compiled by James Moore of the USGA in February, 1996.

Associations

USGA: <http://www.usga.org>
National Golf Foundation:
<http://www.gate.net/~ngf/ngf.html>
Professional Golfers Association:
<http://www.pgaonline.com>
GCSAA: <http://www.gcsaa.org/gcsaa/>
or <http://www.webplus.net/gcsaa/>
PLCAA Home Page (Professional Lawn Care Association of America): <http://www.plcaa.org/>
American Pathological Society - Plant Pathology
On-line: <http://www.scisoc.org/>

Government

EPA Homepage: <http://www.epa.gov/>
National Agricultural Library: <http://www.nalusda.gov/>
U.S. Army Corps of Engineers Regulatory Site:
<http://wetland.usacc.mil/>
FIFRA: http://www.ornl.gov/Env_Rpt/csfifra.html
The National Weather Service: <http://www.nws.noaa.gov>

University Sites

FAIRS - Florida Agricultural Information Retrieval
System: <http://hammock.ifas.ufl.edu/>

Nematology:

<http://ianrwww.unl.edu/ianr/plantpath/nematode/wormhome.html>
Entomology: <http://www.colostate.edu/Depts/Entomology/ent.html>
Agronomy: <http://info.acs.purdue.edu/agronomy/othragry/htm> (not html)
National Institute for the Environment:
<http://www.inhs.uiue.edu/newww/cnie.html>
Chemical Fact Sheets: gopher://ecosys.drdr.virginia.edu:70/11/library/gen/toxics
Turfgrass Response to Herbicides:
<http://hammock.ifas.ufl.edu/txt/fairs/wg/18059.html>
Weed Control Information:
http://www.osaka-u.ac.jp:8080/~_http://www.colostate.edu/Depts/IPM/natpark/s/turfweed.html
Turfgrass - not just a roadside attraction:
<http://www.cas.psu.edu/docs/CASHOME/PROGPER/TURFGRASS.HTML>
Southern Turfgrass Database:
http://gnv.ifas.ufl.edu/~entl/software/det_turf.htm
Turfgrass Terminology: <http://gnv.ifas.ufl.edu/~entl/software/turf.gif>
Nematode Terminology:
<http://gnv.ifas.ufl.edu/~entl/software/turf2.gif>
University of Florida Mole Cricket Information:
<http://gnv.ifas.ufl.edu/~entl/mcricket/index.html>
Salt indexes of various turfgrass fertilizers:
[gopher://psupena.psu.edu:70/0%24d%2028801205](http://psupena.psu.edu:70/0%24d%2028801205)
Nitrogen fertilizers sources and information:
[gopher://psupena.psu.edu:70/0%24d%2028801201](http://psupena.psu.edu:70/0%24d%2028801201)
Texas Plant Disease Handbook:
<http://cygnus.tamu.edu/Textlab/tpdh.html>
Description of Common Southern Turfgrass Diseases:
<http://cygnus.tamu.edu/Textlab/Lawns/lawnl.html#Golf>
Entomology Index of Internet Resources:
<http://www.public.iastate.edu/~entomology/ResourceList.html>
Iowa State's Entomology Page: <http://www.public.iastate.edu/~entomology/>
Colorado State University's Entomology Page:
<http://www.colostate.edu/Depts/Entomology/ent.html>
University of Nebraska Plant and Insect Parasitic Nematode Home Page (links to many other nematode information sites throughout the world):
<http://ianrwww.unl.edu/ianr/plntpath/nematode/wormhome.html>
Texas Plant Diversity Home Page: <http://straylight.tamu.edu/tamu/pdic.html>
Penn State Turfgrass Information
(wide variety of on-line articles about turf):
<http://www.realtime.net/turfgrass/penn.htm>
Texas A&M University Turfgrass Information
(wide variety of on-line articles about turf):
<http://leviathan.tamu.edu:70/ls/mg/turfgrass>
University of Toronto Heritage Forest Plant Selection Form (good info about native wildflowers and grasses):
<http://www.clr.toronto.edu:1080/cgi-bin/heritage/plants/fieldname=chart.2.0.1>
Michigan State information on growing turf in domed stadiums: <http://web.msu.edu/turf/turf-eng.html>
Factors to consider when using wetting agents:
http://hermes.ecn.purdue.edu:8001/http_dir/acad/agr/etn/agr/acspub/acsonl/ine/WS-7
North Carolina State University's Virtual Library for Agriculture: <http://ipm.www.ncsu.edu/cernag/cern.html>

Federal Pesticide Record Keeping Requirements:

http://ipm.www.ncsu.edu/safety/recordkeeping_fa.html
Colorado Ground Water Institute Server:
gopher://igwmc.mines.colorado.edu:3851/1
Guelph Turfgrass Institute:
<http://www.uoguelph.ca/GTI/gtihome.htm>
Agrigator - UF/IFAS Resources:
<http://www.ifas.ufl.edu/www/agator/htm/FLREC.htm>
University of Georgia Agricultural Extension Service:
<http://www.ces.uga.edu/ces/pubs.html>
Clemson Plant Pathology and Physiology: <http://agweb.clemson.edu/PlantPath/plantpathhome.html>
National Parks Service IPM Manual: <http://www.colostate.edu/Depts/IPM/natparks/natpark.html>

Chemical Companies

American Cyanamid: <http://ipm.www.ncsu.edu/company/Cyanamid.html>
BASF: <http://ipm.www.ncsu.edu/company/BASF.html>
CIBA Crop Protection: <http://ipm.www.ncsu.edu/company/Ciba.html>
Dow Elanco: <http://ipm.www.ncsu.edu/company/DowElanco.html>
Dupont: <http://ipm.www.ncsu.edu/company/DuPont.html>
Monsanto: <http://www.monsanto.org>
Rohm and Haas Company: <http://www.rohmhaas.com/>

Golf

Golf Web: <http://www.golfweb.com/>
GolfData: <http://www.gdol.com/>
GolfNet - The 19th Hole: <http://www.sport.net/golf/>
Golf Magazine: <http://www.golfonline.com>

Environmental

The Enviroweb: <http://www.enviroweb.com/>
Environmental World Wide Web Site:
<http://www.webcom.com/~staber/welcome.html>

Weather

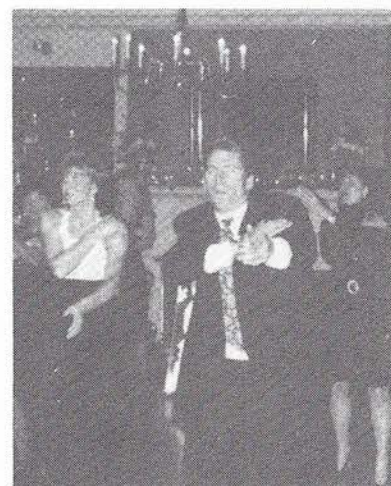
The Weather Channel: <http://www.infi.net/weather/index.html>
Regional Climate Centers:
<http://maestro.srsc.lsu.edu/~rec.html>

Miscellaneous

Turfgrass Managers Information Service:
<http://www.realtime.net/turfgrass>
Horticulture: <http://www.ashs.org>
Irrigation: http://www.wiz.uni-kassel.de/kww/projekte/irr/irr_i.html
Information Services for Agriculture:
<http://www.aginfo.com>
Agriculture: <http://www.cabi.org/cabi/>
Integrated Pest Management Center: <http://www.realtime.net/turfgrass/cipm.htm>
Fertilizers and descriptions:
<http://www.scgt.oz.au/ferts.html#ferts>
Additional information about fertilizers:
<http://www.btu.com/garden/archive/chap3 toc.html>
About Mulches and Grasses: <http://www.btu.com/garden/archive/chap2 toc.html>
Native and Introduced Grasses, Seeds per pound:
<http://www.realtime.net/turfgrass/gras.htm>
Page 11 Turfgrass: <http://www.scgt.oz.au/page11.html>

Scenes from the GCSANE Christmas Party

**Brae Burn Country Club,
West Newton, Mass.
Dec. 15, 1996**



GCSAA News

Government Relations Committee monitors agency actions

The GCSAA Government Relations Committee reports the following developments:

Noise exposure. Recommended standards for occupational exposure to noise are being revised by the National Institute for Occupational Safety and Health (NIOSH). The proposed recommendations include further reducing the duration of exposure allowed as noise levels increase over the exposure limit. The NIOSH recommendations are voluntary,

but OSHA can adopt them through the rulemaking process.

Talking labels. Talking pesticide labels were introduced by EPA on December 17, RISE reports. The labels are designed to play a 20-to-45-second battery-operated computer chip message in English or Spanish, which it is hoped will reduce expensive pesticide application errors. The predicted cost of a talking label ranges from a few pennies for mass production to several dollars per can of product.

Storage tank deadline. Underground storage tank upgrades could get more costly if owners wait until "the eleventh hour" to hire contractors to meet the December 1998 deadline, the Environmental Protection Agency warns. A policy to reduce or forgive penalties when certain conditions are met has been issued by the agency. For information, contact the UST Hotline at 800-424-9346.

GCSANE News

Massachusetts Turf Conference schedule for Jan. 13-15, 1997

The following is the schedule for the Massachusetts Turf Conference at the Hynes Convention Center, Boston, Mass., January 13-15, 1997:

Monday, Jan. 13, 1997

1 p.m. - Welcome. Robert DiRico, President, GCSANE & Chair, Massachusetts Turf Conference.

Session I

1:10 p.m. - *Conserving the Game We Love to Play*. David Fay, Executive Director, USGA, Far Hills, N.J.
 1:40 p.m. - *Old Greens: It Ain't Over 'Til It's Over*. Jim Skorulski, Agronomist, USGA, Northeast Region.
 2 p.m. - *Construction & Reconstruction of Greens*. Jim Moore, Director of Construction Education, USGA.
 3 p.m. - *Course Conditions a Golfer Dreams Of*. Jack Gale, NEPGA, Tatnuck Country Club, Worcester, Mass.
 3:30 - *Grass and Golf on the Nile*. Sherwood Moore, CGCS, Brewster, Mass.
 5:30 - 7:30 p.m. - Reception

Tuesday, January 14, 1997

A.M. Session I

9 a.m. - *USGA Greens Performance: Reality & Perception*. Jim Moore, Director of Construction Education, USGA.
 9:30 a.m. - *Turf Tissue Testing: A tool for Fine Tuning Management Practices*. Robert Alonzi, CGCS, Winged Foot Golf Club, Mamaroneck, N.Y.
 10 a.m. - *Installation and Grow-In of Washed Sod ... What We Know and What We Don't Know*. Dr. Bridget Ruemmele, University of Rhode Island, Kingston, R.I.
 10:30 a.m. - *Wetting Agents: Their Role in Turf Management*. Dr. James Murphy, Rutgers University, New Brunswick, NJ.
 11 a.m. - 1:30 p.m. - Trade Show

A.M. Session II

9 a.m. - *Construction of a Municipal Athletic Field*. Jack Schmidgall, Superintendent of Trees and Grounds, Town of Danvers, Mass.

9:30 a.m. - *Reconstruction of the Great Lawn at Central Park*. Chris Nolan, Chief of Capital Projects, Central Park, New York City, N.Y.
 10 a.m. - *Field Construction of the Future: Now!* Vince Patterozzi, Baltimore Ravens Field Maintenance Manager, Memorial Field, Baltimore, Md.
 10:30 a.m. - *Crumb Rubber as a Soil Amendment & Topdressing*. Dr. Trey Rogers, Michigan State University, East Lansing, Mich.
 11 a.m. - 1:30 p.m. - Trade Show

A.M. Session III

9 a.m. - *Care & Feeding of the Hydroject*. Rich Smith, the Toro Company, Minneapolis, Minn.
 10 a.m. - *Engine Troubleshooting & Preventative Maintenance*. William Higginson, Education Services, W.J. Connell, Foxboro, Mass.
 11 a.m. - 1:30 p.m. - Trade Show

Tuesday, January 14, 1997

P.M. Session I

1:30 p.m. - *The Best Grasses: Development, Use, & Performance*. Dr. Milt Engelke, Texas A&M University, College Station, Tex.; Reese Jones, Reese Jones, Inc., Montclair, N.J.; David Stone, CGCS, The Honors Course, Ooltewah, Tenn.
 2:45 p.m. - *Why Good Greens Go Bad: Physical Analysis by Strata*. David Doherty, President, International Sports Turf Research Center, Olathe, Kansas.
 3:30 p.m. - *The New Turf Disease CD-Rom: A Tool for Disease Diagnosis and Management*. Dr. Gail Schumann, University of Massachusetts, Amherst, Mass.
 4 p.m. - *Where Do the Pesticides Go?* Dr. John Clark, University of Massachusetts, Amherst, Mass.
 4:30 - 6:00 p.m. - Trade Show

P.M. Session II

1:30 p.m. - *Assessing Fields and Facilities for Performance & Safety*. Floyd Perry, Grounds Maintenance, Inc., Orlando, Fla.
 2:45 p.m. - *Selecting Grasses and Cultivars for Maximum Performance in High Traffic Areas*. Dr. Leah Brilman, Research Director, Seed Research, Inc., Corvallis, Oregon; Dr. Trey Rogers, Michigan State University, East Lansing, Mich.

3:30 p.m. - *The Other White Grubs: European Chafer and Oriental Beetles*. Dr. Paul Heller, Pennsylvania State University, University Pk., Pa.
 4 p.m. - *Reducing Maintenance with Integrated Weed Management Strategies*. Dr. Andy Senesac, Cornell University, Long Island Horticultural Research Lab, Riverhead, N.Y.

P.M. Session III

1:30 p.m. - *Hydraulics: Avoiding Hose Failure & Troubleshooting*. Hiralal "Harry" Patel and Luis Moreiras, Parker-Hanafin, Inc., Columbus, Ohio.
 4:30 - 6:30 p.m. - Trade Show

Wednesday, January 15, 1997

A.M. Session I

9 a.m. - *Why Does the Job That Felt So Good Yesterday Feel So Bad Today?* Jerry Sweda, Sweda Enterprises, Hilliard, Ohio.
 10 a.m. - *Nantucket Golf Club*. Charles Passios, CGCS, Nantucket Golf Club, Siasconset, Mass.
 10:30 a.m. - *Selection and Performance of Fairway Grasses*. Dr. Leah Brilman, Research Director, Seed Research, Corvallis, Oregon.
 11 a.m. - *Tips from Trey's Turf Travels*. Dr. Trey Rogers, Michigan State University, East Lansing, Mich.
 11:30 a.m. - *Control Options for Hyperodes Weevil and Black Turfgrass Ataenius*. Dr. Paul Heller, The Pennsylvania State University, University Park, Pa.

A.M. Session II

9 a.m. - *Spring Clean-Up and Repairs for Infields, Outfields, and Other Fields*. Floyd Perry, Grounds Maintenance, Inc., Orlando, Fla.
 10 a.m. - *Soils: The Basics and More*. Dr. Jim Murphy, Rutgers University, New Brunswick, N.J.
 10:30 a.m. - *Growing and Maintaining a Botanic Garden: Tower Hill*. Joann Wright, Superintendent of Horticulture, Tower Hill Botanic Garden, Boylston, Mass.
 11 a.m. - *Top Ten Tricks for Successful Ground Management*. Michael Keating, Keating Enterprises, Worcester, Mass.
 11:30 a.m. - *Red Thread, Rust, and Other Troublesome Lawn Diseases*. Dr. Gail Schumann, University of Massachusetts, Amherst, Mass.

DIVOT DRIFT...announcements...educational seminars...job opportunities...tournament results...and miscellaneous items of interest to the membership.

INFORMATION

Congratulations to Michael Nagle, CGCS, for receiving his EMP (Environmental Management Program) specialization in underground storage tanks. Required seminars are Environmental Considerations in Golf Course Management, Protection of Water Resources, Underground

Tank Selection and Installation, and Underground Storage Tank Monitoring and Recordkeeping (correspondence course).

MEETING NOTES

Thanks to Robert A. Matthews, CGCS, and all the staff at Marshfield Country Club for their hospital-

ity hosting the December GCSANE monthly meeting on December 9.

A thank you to Robert DiRico, CGCS, general manager Steve Cummings, and the entire staff at Brae Burn Country Club for a fantastic job hosting the GCSANE Christmas party on December 15. Everyone had a wonderful time beginning the holiday season with great food, friends, and music.

Please patronize these FRIENDS of the ASSOCIATION

Advanced Agronomic Services, Inc.
91 Day St., Leominster, MA 01453
Deep-tine aerification, core aeration,
overseeding, and irrigation services.
Jim Favreau - (508) 840-0432

A-OK Turf Equipment
9 Leuba Road, Coventry, RI 02816
New England Articulator dealer,
Greens Groomer Brush, & used equipment.
Mike Cornicelli - (401) 826-2584

AA Will Materials Corporation
168 Washington St., Stoughton, MA 02072
Top dressing & bunker sand, loam, decorative
stone, & landscape materials. Est. 1886.
Frank Will, Dan Graziano, Kevin LaPorte
1-800-4-AAWILL

Agriturf, Inc.
59 Dwight St., Hattfield, MA 01038
Fertilizer, seed, and chemicals for turf.
1-800-346-5048

Allens Seed Store, Inc.
Specializing in quality seed and related
golf course maintenance supplies.
Gregg Allen - (401) 294-2722
(car phone - (508) 577-1001)

Baker Golf Cars
40 Walker St., Swansea, MA 02777
Steve Fournier, Doug Hooper
(508) 509-0092

Bartlett Tree Experts
153 Rumford Ave., Newton, MA 02166
Tree maintenance, fertilization & consulting.
(617) 969-5990

Bayer Corporation
118 Ellery Ave., Middletown, RI 02842
Baylinton, Merit, Dylux, Tempo, Nemacur.
Brad Herman - (401) 846-3515;
FAX (401) 846-3012

The Borden Company
Maynard, MA
Bulk limestone dealer.
Jack Borden - (508) 897-2571

Boston Irrigation Company
Dedham, MA
Distributor, irrigation supplies & accessories.
John Ramey, Paul Kenyon, Robert Barbati
(617) 461-1560

The Cardinals, Inc.
166 River Rd., P.O. Box 520
Unionville, CT 06085
Golf course & landscape supplies.
John Callahan - (203) 673-3699

Cedar Lawn Tree Service, Inc.
32 Nickerson Road, Ashland, MA 01721
Pruning, fertilization, removal, and
professional care.
William P. Maley - (508) 881-2622

Geoffrey S. Cornish & Brian Silva
Golf Course Architects
Fiddlers Green, Amherst, MA 01002

Country Club Enterprises, Inc.
P.O. Box 820, Cataumet, MA 02534
Club Car golf cars, caddy cars, utility cars.
Jim Casey, Dave Farina, Ed Maguire
(508) 563-2284

Country Golf, Inc.
4852 Westchester Dr., Traverse City, MI 49684
Golf course construction & reconstruction;
specialists in Donald Ross courses.
Jerry Deemer - (616) 947-5751

Michael Drake Constuction, Inc.
240 Walnut Street, Framingham, MA 01701
Golf course reconstruction; professional shaper.
Michael Drake - (508) 875-8247

Doering Equipment
P.O. Box N, Franklin, MA 02038
Distributor of John Deere golf & turf equipment.
Mark Doering - (508) 520-3629

Elanco Products Company
31 Old Town Trail, Narragansett, RI 02882
Bob Scott - (401) 376-7290

F.D.I., Inc.
(Fairway Design Illustration)
55 Railroad Ave., Warren, RI 02885
Custom granite signs & markers.
Joseph K. Martin, Robert Page
(401) 245-7890 or 1-800-358-8337

**Gold Star Wholesale Nursery
& Sod Farm**
Bill Thompson
Lexington, MA - (617) 861-1111
Canterbury, NH - (603) 783-4717

The Charles C. Hart Seed Co.
P.O. Box 9169, Weathersfield, CT 06109
Roy Sibley, Dick Gurski
1-800-326-HART

Hartney Greymont
433 Chestnut St., Needham, MA 02192
Tree care, landscape construction, consulting.
Mark J. Tobin - (617) 444-1227

International Golf Construction Co.
5 Purcell Rd., Arlington, MA 02174
Golf course construction.
Antonios Paganis
(617) 648-2351 or (508) 428-3022

Irrigation Management & Services
21 Lakeview Ave., Natick, MA 01760-4252
Irrigation consultation, design & system
evaluation.
Bob Healey, ASIC, CID - (508) 653-0625

Tom Irwin, Inc.
118 A St., Burlington, MA
Jack Petersen, Wayne Ripley, Dennis Friel
Paul Skafas, Chris Petersen
1-800-582-5959

Ken Jones Tire Co.
Worcester, MA
Distributor of tires for lawn & garden, trucks,
cars, industrial equipment, and golf carts.
Gerry Jones - (508) 755-5255

Landmark Construction
42 Charnock St., Beverly, MA 01915
Tee/bunker shaping & remodeling,
cart path work, drainage, tree planting,
& landscape construction our specialty.
Daniel Champion - (617) 927-5052

Larchmont Eng. & Irrig. Co.
Larchmont Lane, Lexington, MA 02173
Keith Savage - (617) 862-2550

The Lawn Co., Inc.
P.O. Box 1540, Buzzards Bay, MA 02532
Fertilizers & pest controls applied;
fairway aeration & slice seeding.
Tom Fair - 1-800-660-TURF

Lazaro's Golf Course Accessories
dba Hammond Paint & Chem. Co., Inc.
738 Main St., Suite 223, Waltham, MA 02154
Joseph Lazaro - (617) 647-3361

LESCO, Inc.
20005 Lake Rd., Rocky River, OH 44116
Ron Tumski, Mike Donohue
1-800-321-5325

Loft's Seed
22 Lantern Lane, Exeter, RI 02822
Victoria Wallace - 1-800-648-7333

Lycott Environmental Research, Inc.
600 Charlton St., Southbridge, MA 01550
Environmental consulting services: lake &
pond management, wetland studies, site
assessments, & laboratory analysis.
Lee Lyman - 1-800-462-8211

D.L. Maher Co.
Box 127, Concord St., N. Reading 01864
Water supply specialists; water wells &
pumping equipment.
(617) 933-3210

McNulty Construction Corp.
19 Turner Rd., P.O. Box 3218
Framingham, MA 01701
Asphalt paving of cart paths, walkways,
and parking areas.
John McNulty - (508) 879-8875

Meco Environmental, Inc.
1119 Washington St., Weymouth, MA 02189
Installation of UST/AST, pump/tank upgrades,
and oil/water separator installation.
Greg Murphy - (617) 331-6446

Modern Aeration Service, Inc.
212 Kendrick St., Newton, MA 02158
Featuring water injection aeration.
Kevin Osgood - (617) 630-1950

Modern Tractor & Truck Service, Inc.
400 Pine St., Seekonk, MA 02771
Holliston sand/loam topdressing mixture,
1/2" or 1/8" screened loam, underground tank
removal, Convault aboveground fuel tank.
Steven S. Howitt - (508) 761-5554

R.F. Morse & Sons, Inc.
W. Wareham, MA 02576
Larry Anshewitz, Jack Cronin,
Christopher Cowan
(508) 295-1553

Nardone Sand & Gravel Co., Inc.
37 Power Rd., Westford, MA 01886
Topdressing sand & mixes, bunker sands,
root-zone mixes, loam, cart path materials,
drainage stone.
Greg Frederick - (508) 692-8221,
(617) 648-6222

Agri-Evo U.S.A. Co.
Wilmington, Delaware
David Sylvester - (203) 828-8905

Partac Golf Course Top-Dressing
Kelsey Part, Great Meadows, NJ 07838
Heat treated top-dressing, golf hole targets,
turf blankets, and other specialty golf supplies.
Jim Kelsey - 1-800-247-2326,
(908) 637-4191

P.I.E. Supply Co.
For your irrigation needs; dedicated to sales
and service of quality irrigation equipment.
Greg Albanese - (617) 964-8533 (phone/fax)

Prescription Turf Services, Inc.
Complete deep-tine and hydro-injection
services, custom fertilizer and pesticide
applications, fairway aeration, and top
dressing operations.
Scott McCoy - (508) 777-1663

Pro-Lawn Products, Inc.
24 Johnathan Rd., W. Greenwich, RI 02817
Specializing in turf & ornamental needs.
(401) 397-8880

Read Sand & Gravel, Inc.
171 VFW Dr., Rockland, MA 02370
Topdressing, root-zone mixes, bunker sand,
3/4 & 3/8 screened loams, cart path
materials, mulch, drainage stone.
Joe Farina - 1-800-660-2955

J.P. Roberts Co.
Technical resource catalog; survey-weather-
testing-measurement & diagnostic equipment.
Barbara Piantadosi - (508) 456-6886

Sani-Mate Supply, Inc.
88 Shrewsbury St., Worcester, MA
Distributor, Karcher hot high pressure equipment
& bulk detergents, sales, service, rentals
Barry Hackett - (508) 752-8888

Sawtelle Bros.
65 Glenn St., Lawrence, MA 01843
Bob Brown, Larry Bunn, Mike Hannigan,
Frank Higgins, John Lenhart
(508) 682-9296

Scotts Pro-Turf Div.
Dick Warner, Regional Director
Randy Hamilton - (508) 528-4642
Richard Fomi - (413) 534-8896

Sodco, Inc.
P.O. Box 2, Slocum, RI 02877
Matt Faherty, Pat Hogan
Bluegrass/Fescue, Bluegrass/Rye,
Bluegrass/Fescue/Rye, Bentgrass
1-800-341-6900

Sports Club Management
104 Wyman Rd., Braintree, MA 02184
Hazcom and right-to-know compliance
implementation.
Ron Smith - (617) 848-5978

**Dahn Tibbett
Professional Golf Services**
d/b/a/ Weed & Feed, Inc.
20 Clark Lane, Marshfield, MA 02050
Specialists in golf course construction and
irrigation installation. We also offer a wire
tracing service.
(617) 837-3503, FAX (617) 834-2392

Tee and Green Sod, Inc.
Exeter, RI 02822
Bentgrass, Bluegrass and Blue/Fescue sod.
Dave Wallace, Robin Hayes
(401) 789-8177

Tuckahoe Turf Farms, Inc.
Richmond, RI
Chris Beasley - 1-800-556-6985

Turf Enhancement Enterprises
Featuring Floratine Products, Precision Small
Engine Co. & Trion Lifts.
Tom Fox - (508) 865-9150

TurfNet Associates, Inc.
21 Brandywine Road, Skillman, NJ 08558
Communication, information,
market intelligence.
Peter L. McCormick - 1-800-314-7929

Turf Products Corp.
157 Moody Road, Enfield, CT 06082
Distributors of Toro irrigation and maintenance
equipment, lightning detection systems, and
other golf-related products.
Irrigation products:
Tim Berge & Palmer Whitney;
Commercial products: Ed Fallow, Rick Moulton, &
John Winskiewicz; (860) 763-3581

Turf Specialty, Inc.
15 Londonderry Rd., Londonderry, NH 03053
Turf & ornamental supplies.
Scott Mackintosh, Kevin Lyons,
Dave Schermerhorn, John Lensing
1-800-228-6656

United Horticultural Supply
P.O. Box 7, Sodus, NY 14551
Fertilizer, seed, chemicals, and IPM.
Glen Larabee - (508) 223-4931
Bruce Chapman - (401) 885-5245

Varney Bros. Sand, Gravel & Concrete
Bellingham, MA
Concrete golf cart paths.
Kenneth Mooradian - 1-800-441-7373

Winfield Nursery
1320 Mountain Rd., Suffield, CT 06109
Wholesale nursery trees & shrubs.
Jeff Rogers

Philip Wogan & George F. Sargent, Jr.
Golf Course Architects
17 Walker Rd., Topsfield, MA 01983
(508) 887-3672

Zip Type Service
50 Kent St., Newburyport, MA 01950
Design, printing, mailing,
advertising specialties.
Sheila Johnson - (508) 462-9358

Host Superintendent Profile

Meet host superintendent Robert DiRico, Brae Burn C.C.

Our host for the Annual Meeting of the GCSANE is Robert DiRico of Brae Burn Country Club, West Newton, Mass.

Robert DiRico has been golf course superintendent at Brae Burn Country Club since 1989. Prior to that, he was superintendent at Bellevue C.C. for five

years. Bob was also superintendent at Brockton C.C. for one year, and worked at Jupiter Hills Club in Florida for three years.

He became a Certified Golf Course Superintendent in 1989, and is a graduate of Stockbridge Winter School. Bob also

has a B.S. in sociology from Georgia Southwestern College.

He has served on the GCSANE board of directors since 1989, and is currently president of the organization.

Bob has three sons: Neil, Danny, and Michael. He resides in Newton.

The Super Speaks Out about computers

continued from page 3

For more information on computers, check out these articles in *Golf Course Management* magazine:

Understanding the Computer in Computerized Irrigation, Jonathon L. Scott, CGCS, May, 1990, p. 6.
The Wizardry of Microchips, Michael R. Falkner, January, 1991, p.140.

Access Now Simplified: The Turfgrass Information File Revisited, James F. Moore, April, 1991, p. 105.
Developing Knowledge-Based Computer Management Models, Thomas W. Fermanian, Ph.D., March, 1992, p.104.
Golf Course Design: Making the Model, March, 1992, p.112.
An Introductory Update: Getting Started With Computers, Michael R. Falkner, May, 1992, p. 92.
Microprocessor Basics, May, 1992, p. 94.
Computers-Supported Shop Management, August, 1992, p. 50.
Buying Computer Software: Plan Before You Purchase, Barb Bornstein, January, 1993, p.166.

The Life and Times of TGIF, Dan Quast, CGCS, Peter Cookingham, and Frank Rossi, Ph.D., August, 1993, p. 84.
Laser-Shaping the Course, November, 1993, p.44.
Conservation Pressures Spur High-Tech System Innovation, Laura Schaffer, June, 1994, p. 34.
Hard Drives and Diskettes, Robert J. Tillema, CGCS, February, 1995, p.158.
The Bottom Line, D. Douglas Graham, September, 1996, p. 38.
Practical Applications of Computerized Weather Watching, Peter Levy, October, 1996, p. 59.
Supers in Cyberspace, Kay Hawes, December, 1996, p. 78.

FIRST CLASS

First Class Mail
U.S. Postage
PAID
Newburyport, Ma
Permit No. 61



Return to:
GOLF HOUSE
190 PARK ROAD
WESTON, MA 02193