

# of the Golf Course Superintendents Association of New England, Inc.

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# Dave D'Andrea of Portland's Riverside G.C. recalls last winter's 'Tales of the Tundra'

It seems that in every New England city, town, and hamlet the conversation buzz this spring was riveted to the weather. The winter of 2002-03 was an environmental element gone berserk. It was without parallel. It defied description. But nowhere was its fury felt more than in Portland, Maine where wintry blasts from Casco Bay come cascading over the iside city from mid-November to mid-April.

This winter that timetable tumbled. Portland's weather forgot to let up. Dave D'Andrea, the six-year head superintendent at city-owned Riverside Golf Course, was still in a spin June 5 when *The Newsletter* sounded him out for a temperature check. According to his log, though the temperature did reach 71 degrees on one day, the average high temperature this spring was

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only 48 degrees. The lowest temperature? Try 25-below on your tootsies.

Tough-on-the-golf-course winters are nothing new to D'Andrea. It's normal to find Portland hit with more that 100 inches of snow over the November to March haul. That was the count last winter. But what separated it from the previous testy snow-packed seasons was the cold. "I know," Dave quipped. "So, you want to know how cold it was in Portland? Believe me, I counted and recorded them. We had no less than 67 days with temperatures at or below zero degrees. And here it is June and I'm praying for it to hit 50!"

Whatever, it's routine to hear D'Andrea hawking tales of the tundra at this time of the year . . . with winter refusing to loosen its grip on the Riverside layout where at the end of this month some 156 players will be battling over a purse in excess of \$50,000 (11 grand to the winner) in the Greater Portland Open.

"That's serious money," Dave offered.
"We'll draw some heavy hitters from around the New England region and maybe attract several from other hot golfing spots. It's one of two outstanding events on our schedule. The other comes the second week in August when we host the Maine Open. That's not bad credentials for a municipal course. That's why our winters can put a guy on the spot. Right now we're slicing away at the turf and seeding whenever and wherever we can."

Actually, Riverside covers 27 holes. The original 18, designed by famed architect Wayne Stiles, is 71 years old. A third nine was laid out by New England's premier and most prolific architect, Geoff Cornish. That addition brought the average yearly rounds up to an unheard of 70,000. That's for the seven-month period between the middle of April and November 15.

"We get that many because the golfers are tournament crazy up here," D'Andrea explained. "They like to play when there's something on the line. True, most golfers are competitive. The incentive is doubled when they have something to play for other than their personal scores. I'm

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"So you want to know how cold it was in Portland? . . . We had no less than 67 days with the temperatures at or below zero degrees. And here it is June, and I'm praying for it to hit 50!"

Dave D'Andrea Riverside G.C.





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continued from page 1

really surprised when I see those green fees numbers. But, really, it happens every year."

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This spring Riverside opened one week later than usual, on April 19, a little more than one month after D'Andrea went to work releasing his greens from an ice cover that ranged from 4 to 12 inches. That chore accomplished, he plunged into his slice-seed act, accompanied by a strong dose of fertilizer, which turned out to be a weekly event.

One might wonder why a municipal course with heavy traffic would appeal to sponsors presenting such stellar attractions as the \$50,000-plus Greater Portland Open. That type and scope of competition ordinarily is reserved for private, pampered layouts whose maintenance budgets are prepared to handle top-notch regional golf tournaments.

D'Andrea doesn't take any bows for his input in the project to give leading regional players a course compatible with a blue ribbon event setting. "It's a matter of everything being here before I get to spruce it up for important play," Dave remarked. "Stiles was an outstanding architect. He's responsible for the design of several high-end courses up and down the East Coast. Wayne Stiles had a long and prosperous partnership with John Van Cleek throughout the '20s before going their separate ways."

In reality, Riverside's traditional 18 holes key a dilemma of sorts. It's been said that no one's been able to decide whether it's more of a challenge to play the 6,450 spread, guarded by a running Presumpseott River or to maintain it after the hard winters the southern coast of Maine deliver are through with it.

"Every year when I line up my program to undo what the winter has done to our course, I keep wondering if it will still work," the interview-friendly D'Andrea said. "Portland is a city of 70,000 people and sometimes I think every single one of them is playing Riverside. The thought springs an intense feeling inside me, especially when those greens take on a sticky brown look and the clock is ticking. I guess prayer follows that, prayer for plenty of heat and humidity to get that poa (annua) popping."

D'Andrea claims he's depended on the weather to ball him out and that gamble continues to pay off. The fact that

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"This golf course doesn't know what it is like to sleep.
Come to think of it, neither do !!"

Dave D'Andrea Riverside G.C.

Riverside probably is considered the most challenging and popular golf course in Maine is testimony to the superintendent's gambling luck. If it holds (along with popular playing fees like the \$575 tab for resident season passes), the end-of-year playing rounds tally will continue to soar.

"The folks in and around Portland really love this place (Riverside)," Dave concluded. "I even set up 7½ miles of cross-country skiing trails this winter to help them live with the wicked weather. Know what? We had 10 to 15,000 skiers on those trails. This golf course doesn't know what it is like to sleep. Come to think of it, neither do !!"

**GERRY FINN** 

# CALENDAR . . .

July 28 GCSANE Monthly Meeting
Supt./Club Official Tournament
LeBaron Hills Country Club
Lakeville, Mass.
Supt. - Mark Klimm

August 26 GCSANE Monthly Meeting Individual Championship Marlborough Country Club Marlborough, Mass.
Supt. - Kenneth Crimmings

Sept. 22 GCSANE Monthly Meeting Townsend Ridge Country Club Townsend, Mass. Supt. - David Copeland

October 6 GCSANE Monthly Meeting Juniper Hills Golf Course Northborough, Mass. Supt. - Thomas Ackley, CGCS

November

GCSANE Monthly Meeting
Annual 9-Hole Meeting
Norfolk Golf Club
Norfolk, Mass.
Supt. - Jason Adams



# President's Report: Newsletter editor resigns; S&B event a success; Duggan set for marathon

It is with regret that the GCSANE Board of Directors accepted the resignation of Ken Crimmings as Newsletter editor.

Ken's wife is starting her own business and Ken felt he needed to be available for her. We certainly wish the Crimmings family all the best in their new endeavor. Ken has done a wonderful job with The Newsletter and we will certainly miss him.

At the May board meeting we voted to appoint Michael Stachowicz to Ken's unexpired term. I'm sure Michael would appreciate any help the members have to offer and we all wish him the best of luck as he moves forward with our publication.

Congratulations to Russ Heller and his committee for another successful Scholarship & Benevolence tournament. Russ will be reporting the exact financial aspects of the event at our June meeting, but it is safe to say we had a successful event. And want to personally thank all the Friends the Association who provided both financial support and assistance during the event. I still can't get over what a gem the Wachusett Country Club golf course is,

and how great the Marrone family has been to our association.

On August 6, 2003, Dick Duggan will again be representing the GCSANE at the Ouimet Golf Marathon. This event has

# FROM THE PRESIDENT

become America's largest golf marathon, and I can't think of a better cause than to support scholarships for the young men and women who staff our facilities. Last year the event raised over \$280,000 and

Ken (Crimmings) has done a wonderful job with The Newsletter and we will certainly miss him.

the goal is to top that this year. In the school year of 2003 and 2004, the Ouimet Fund hopes to award over one million dollars in scholarship aid. I hope you all will support Dick in the marathon for this worthy cause. Mike Hermanson will head the fund raising portion of this event. Sign-up sheets will be available at the next few golf meetings.

Mike will also be representing the GCSANE at the Chapter Delegates Meeting on September 6-7, 2003 in Kansas City. This meeting has developed into a forum to communicate with the national board of directors and staff, and has helped bridge the gap between GCSAA and the local chapters. Of course the headquarters relocation issue will be one of the main agenda items. If you have any concerns you would like addressed at the national level, please let Mike know.

Finally, I hope you all have an opportunity to attend our summer golf meetings.

> James R. Fitzroy, CGCS President, GCSANE

# 'Norfolk Aggie' expands turf management program; seeks donations of golf course maintenance equipment

The Norfolk County Agricultural High School in Walpole, Mass. is expanding its turf management program to better serve students and golf courses in the region.

Over the years, many graduates of Norfolk Aggie have continued their education and careers as golf course maintenance professionals. As the demand for trained young people increases, the advisory board for the Plant and Environmental Sciences Department recommended an expansion of the current turf program. The expanded turf curriculum will include turf equipment maintenance, irrigation methods, turf lests, and turf diseases.

Turf management instructor Bruno
Terrasi said "the program has developed
over the past years into a training ground
for students who either enter the golf

course business or continue their education on the college level." As a publicly funded school, there is a need for

# **EDUCATION**

turf equipment that students can operate as part of their education experience. According to Terrasi, the school is seeking the donation of a used greens mower and a turf tractor for maintaining the golf hole on the school campus. Any donations should be directed to the Plant and Environmental Sciences Department Head, John Lee, at (508) 668-0268, ext 316.

The Norfolk County Agricultural High School was founded in 1916 and is one of the first regional vocational/technical public high schools established in Massachusetts. The school is accredited by the New England Association of Schools and Colleges, and approved by the Massachusetts Department of Education. It is a four-year regional high school providing high-quality academics and vocational/technical education.

In addition to their regularly scheduled classes, students share many common experiences which enrich their lives as member of the Norfolk community. They have a rare opportunity to meet and to grow with boys and girls not only from their local neighborhood, but also from many communities. This opportunity to share the experiences and backgrounds of students other than those of their hometown is truly a broadening and educational experience.

# Facing state budget cuts, UMass Extension sends out the call for superintendent support

## **Dear Turf Industry Colleagues:**

As you know, many state-funded programs, including the University (and through the University, UMass Extension) are facing very difficult budget cuts this year. Many of you have asked what you can do to help. You should immediately contact your own legislators and one or more of the legislators listed at the end of this e-mail to ask them to adopt the Senate's version of the proposed University of Massachusetts budget. This will serve to protect UMass Extension (see Steve Demski's letter below). As Steve says "Extension's fate is linked to that of the entire University more clearly and directly than ever before."

Thank you in advance for your help.
Sincerely,
Mary Owen
UMass Extension Turf Program

# Dear Colleagues and Friends of UMass Extension.

We were pleased to learn late
Wednesday that UMass Amherst
Chancellor John Lombardi intends to
reduce UMass Extension's state-funded
budget – and that of the Cranberry
Experiment Station – by no more than
the state's overall reduction to the UMass
system. This is in accordance with a
protective clause contained in the Senate
version of the proposed state budget,
as introduced by Senate Ways & Means
Chair Therese Murray.

Chancellor Lombardi's plan currently calls for a 12% cut in the state-funded portion of Extension's budget. This figure, which amounts to \$253,000, is based on the Senate version of the proposed budget which, as you know, provides for a 12%, or \$24 million, cut to Amherst campus budget, as opposed to the far more damaging 20%, or \$40 million, cut contained in the House version.

The Chancellor has made it clear that the cut to the Umass Extension budget will be deeper if the House-Senate Budget Conference Committee agrees on a final budget proposal that increases the University budget reduction beyond the 12% figure. Despite the obviously significant impact of the proposed cut, it is good news and should serve as a positive message to our staff and stakeholders that Extension is being treated fairly, equitably, and with respect for the continuing vital importance of its land grant mission during one of the most challenging state budget cycles in many years.

# **UMASS NEWS**

At the same time, this policy links Extension's fate to that of the entire University more clearly and directly than ever before. It has now absolutely critical for our stakeholders and collaborators – everyone, in fact, who has been impacted by our programs – to rally behind UMass Extension and the University of Massachusetts by clearly and immediately urging adoption of the Senate version of the UMass budget allocation.

Below is a list of the members of the budget conference committee, and a list of members of the House and Senate Ways and Means Committee. Please contact the offices of legislators, your own legislators, and any or all of their colleagues to urge adoption of the Senate version and hold the line at a 12% reduction.

In addition, please forward this message to any and all of your colleagues who are concerned about UMass Extension or are impacted by reductions in Extension resources.

Thank you, Steve Demski Director, UMass Extension.

# House Senate Budget Conference Committee:

### House Members:

John Rogers (D-Norwood)
Chair of HW&M . . . . . . 617-722-2990
Peter Larkin (D-Pittsfield)
Assistant Vice Chair of House W&M
. . . . . . . . . . . 617-722-2380
Vinny deMacedo
(R-Plymouth) . . . . . 617-722-2100

### Senate Members:

Therese Murray (D-Plymouth)
Chair of SW&M . . . . . . 617-722-1330
Steven Panagiotakos (D-Lowell)
Vice Chair of SW&M . . . . 617-722-1630
Michael Knapik (R-Westfield) 617-722-1415
Senate Ways & Means Committee:
Therese Murray (D), Chair . 617-722-1330
Steven C. Panagiotakos (D)
Vice Chair . . . . . . . 617-722-1630
Steven A. Tolman (D)
Assistant Vice Chair . . . . 617-722-1280

Robert Antonioni (D) . . . 617-722-1912 Stephen Brewer (D) . . . 617-722-1540 Susan Fargo (D) . . . . 617-722-1572 Cheryl Jacques (D) . . . . 617-722-1555 David Magnani (D) . . . . 617-722-1640

Michael Morrissey (D) . . . 617-722-1494 Andrea Nuciforo (D) . . . 617-722-1625 Marc Pacheco (D) . . . . 617-722-1551

### House Ways & Means Committee:

John H. Rogers (D), Chair . 617-722-299 J. Michael Ruane (D) Vice Chair . . . . . . . . 617-722-2380

Edward G. Connolly (D) . 617-722-2692 William C. Galvin (D) . . . 617-722-2220 Louis L. Kafka (D) . . . . . 617-722-2305

Vincent A. Pedone (D) . . . 617-722-2090 Stephen Kulik (D) . . . . . 617-722-2210 Benjamin Swan (D) . . . . 617-722-2692

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Colleen M. Garry (D) . . . 617-722-2582 Harold P. Naughton, Jr. (D) 617-722-2396 Geraldine M Creedon (D) 617-722-2575

Christopher G. Fallon (D) 617-722-2396 Alice K. Wolf (D) . . . . . 617-722-2380

Brian Paul Golden (D) . . 617-722-2877 Cheryl A. Rivera (D) . . . 617-722-2080 Anthony W. Petruccelli (D) 617-722-2900

Patricia A Haddad (D) . . . 617-722-2692 Vinny M deMacedo (R) . . . 617-722-210

Paul K. Frost (R) . . . . . 617-722-2489 Bradford R. Hill (R) . . . . 617-722-2489

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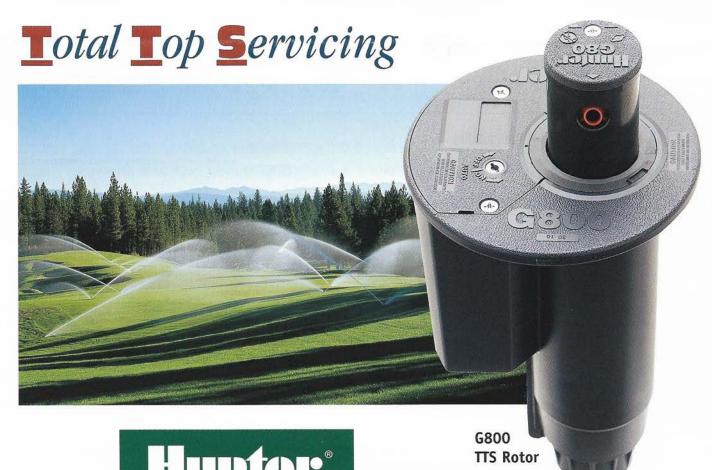
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# Dr. Danneberger reports on the benefits of vesicular-arbuscular mycorrhizal fungi

From Karl Danneberger, David Gardner, & John Street

We have received a number of e-mails and phone calls regarding mycorrhizal fungi and what benefit they may have on golf greens or turf in general. Vesicular-arbuscular mycorrhizal (VAM) fungi, and there are many different species, are important in natural ecosystems living in symbiotic relationship with grasses and trees. Symbiosis is a relationship between two organisms that is mutually beneficial to both. In this case the plant provides the

In this case the plant provides the fungus with energy derived from photosynthesis, while the fungus provides more efficient nutrient uptake by the plant.

fungus with energy derived from photosynthesis, while the fungus provides more efficient nutrient uptake by the plant. This relationship is especially important on soils that are low or deficient in

# TURF SCIENCE

nutrients. Considerable research exists that demonstrates the benefits of VAM in natural ecosystems. In highly maintained turfgrass systems however, there is very little data that shows a benefit.

In greenhouse studies at Rhode Island (Koske et al. 1995), they found that inoculating a sand mix (USGA(r) mix) with VAM prior to seeding creeping bentgrass helped establish turf quicker, and the turf did not wilt as soon as the non-VAM treatments. VAM was also shown to provide quicker turf establishment in recent studies in Canada.

On established turf, the results are not as dramatic. VAM in control studies are not that effective when adequate nutrients are applied (regular fertilization). For example, on low phosphorus soils, benefits from VAM could be expected. However, on soils with adequate phosphorus levels, little benefit would occur. VAM are extremely sensitive to a wide range of

pesticides, which reduces the effectiveness on mature greens. Interestingly, observations made at Rhode Island (Koske et al, 1995) found in a survey of golf greens that VAM was already present on mature root systems without inoculation.

In situations where new greens are to be established on high sand content mixes, VAM may provide initial enhancement in turfgrass establishment when nutrient levels are low. On established greens, where routine fertilization is practiced and nutrient levels are adequate, and where pesticides are used, very little benefit would be achieved by applying VAM.

(Literature cited: Koske, R.E.; Gemma, J.N.; and Jackson, N.E. 1995. Mycorrhizal fungi benefit putting greens. USGA Green Section Record, November/December issue.)

Karl Danneberger, Ph.D, Dept. of Horticulture & Crop Science, Ohio State University, Columbus, Ohio

(Reprinted from OSU Turfnotes.

Please visit http://hcs.osu.edu/turf to have
Turfnotes e-mailed directly to you.)

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# **New England Regional Turf Foundation** accounces new officers & committees

The New England Regional Turfgrass Foundation, Inc. announced its proposed slate of officers and committees on May 8, 2003:

**President:** Eric E. Newell, CGCS, Rockland Country Club, Rockland, Mass.

Vice President: Gary A. Watschke, CGCS, Manchester Country Club, Manchester, N.H.

Pautipaug Country Club, Baltic, Conn.

**Secretary:** James B. Hodge, Valhalla Country Club, Cumberland, Maine.

Immediate Past President: Philip E. Neaton, Black Hall Club, Old Lyme, Conn.

# NERTF NEWS

Co-Chairs - Education Committee: Mary C. Owen, UMass Extension, Rochdale, Mass.; and Ted Maddocks, Ekwanok Country Club, Manchester, Vt.

Research Funding Committee Chairman: Robert A. Ruszala, Hickory Ridge Country Club, Chicopee, Mass.

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

### **MEMBERSHIP**

Proposed for membership: Edward Downing, Affiliate, A.A. Will Materials Corp.

### **INFORMATION**

Congratulations to Greg and Kimberly Albanese on the birth of their new son, Camden Gray Albanese, who was born on June 15.

Weblink of the month: There is a great article called "Under the Gun" in the April/May issue of the Met Golfer magazine. It profiles several superintendents and illustrates the downfalls associated with the quest for greater green speeds. It can be found at <a href="https://www.mgagolf.org">www.mgagolf.org</a> under the "publications" tab.

Now available! The 2003-2004 Professional Management Guide for Insects, Diseases, and Weeds of Trees and Shrubs in New England. This 130 page guide is revised every two years by the University of Massachusetts Extension's Landscape, Nursery, and Urban Forestry Program to provide arborists, tree wardens, and Green Industry professionals with current information on the materials and products available to manage pests of woody plants in New England.

The guide provides comprehensive information on insect and mite pests, including monitoring checklists, growing degree day calendars, plant phenology data, insect and mite pests listed by host plant and type of injury, landscape and nursery insecticides and miticides, trade and common names of insecticides, and management of insects and mites. The following information can be found in the disease section: disease management, landscape and nursery fungicides, trade and common names of fungicides, seedling root and crown rot management, powdery mildew management, and management of Gymnosporangium rusts on woody plants. The weed section offers information on managing weeds in the landscape and nursery, landscape and nursery herbicides, trade and common names of herbicides, and herbicides for specific weed species in nurseries and landscapes. A listing of resources for Green Industry professionals includes diagnostic services, soil and plant tissue testing, pesticide registration information, UMass Extension contacts, poison control information and how to comply with the Massachusetts Public Drinking Water Supply Protection Regulations.

To order, send \$26 (plus \$5 shipping), payable to UMass, to Extension Bookstore, Draper Hall, 40 Campus Center Way, UMass, Amherst, MA 01003. You can also order with a credit card by calling the Extension Bookstore at 413-545-2717. For \$40 (plus \$5 shipping), you can receive the

entire UMass Extension Management Guide for Woody Ornamentals, which includes the above mentioned Guide, Strategies for Plant Health Management of Woody Ornamentals, and the inscribed 3-ring binder to hold them.

### POSITION OPENINGS

Assistant Golf Course Superintendent, Sharon Country Club, Sharon, Mass. Sharon C.C. is a private, 12-hole course. It was a nine-hole course built in 1888. In 2000, three holes were added. The club has 170 full-time members and 120 part-time members. We are looking for an assistant superintendent to help bring the club to the next level. The candidate selected will have a minimum of a two-year turf degree or turf certificate and two years of golf course work (second assistant preferred). The candidate must have or be able to obtain a Mass, pesticide applicator's license. Irrigation repair knowledge is a plus. Compensation includes salary, 100% health of a single (Harvard-Pilgrim), dues to association, vacation and sick time, and golf privileges. Position is available immediately. Please send resume to Sharon Country Club, Attn.: Paul Doherty, 149 East Street, Sharon, MA 02067; fax: (781) 784-5188.

Assistant Golf Course Superintendents, Sterling Golf Management, Newton, Mass. Due to internal promotions, SGM is seeking qualified candidates at three courses: Newton Commonwealth G.C., Franklin Park G.C., and Larry Gannon G.C. We are looking for team-oriented people who want to learn and have a desire to be a golf course superintendent. Franklin Park has a new Rain Bird Cirrus irrigation system and is working toward completion of a long-range master plan. Newton Commonwealth, the former Ross-designed Chestnut Hill C.C., is working on several capital improvement projects. Larry Gannon G.C., a new acquisition, is a 1929 Wayne Stiles design. SGM currently manages eight courses. A two or four-year turf management degree is preferred. Golf course maintenance or related experience required. Candidate must be a team player with a willingness to learn. Attention to detail is a must. Spanish-speaking ability is a plus. Salary is commensurate with experience. Benefits include partial health insurance; 401(k); dues to local and national associations; paid attendance to local seminars; golf privileges at SGM-managed courses; meals; and paid vacation. Positions are open until filled. Please send resume to David Stowe, Director of Maintenance, Sterling Golf Management, 212 Kenrick Street, Newton, MA 02458; phone/fax: (617) 789-4631; e-mail: dstowe@sterlinggolf.com.

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### **GOLF RESULTS**

Joint Meeting with Cape Cod GCSAA Eastward Ho! C.C. Chatham, Mass. April 23, 2003

1st Gross:

R. Hayes, P. Miller, L. Curtin, B. Denbeck

2nd Gross:

C. Bramhall, S. Nickerson, A. Drohen, J. Santoro

Ist Net:

J. O'Connor, T. Colombo, L. Blodgett, J. Bresnahan

and Net

D. Mucciarone, D. Zepp, B. Skinner, B. York

3rd Net: D. Barber, R. DiRico, M. Nagle, A. Lanoie

Closest to the Pin:

#4 - Bruce Carlson

#7 - Robert Mucciarone

#10 - Kevin Kopanon

#15 - Cris Cowan

Longest Drive: Drew Canan

The 50/50 raffle netted \$465.00 thanks to the winner, Bruce Carlson, giving half back to a worthy cause: The Station Nightclub Fire Relief Fund. Great job Bruce.

### GCSANE

Scholarship & Benevolence Tournament Wachusett Country Club West Boylston, Mass. May 12, 2003

Host Superintendent: Matt Marrone

st Gross

Mike Cornicelli & Paul Jamrog (71)

2nd Gross:

Walter Lankau & Steve Goodwin (72)

et Not

John McConnell & Dave Walsh (59)

2nd Net:

Roy Sibley & Dave Barber (61)

3rd Net

Bob Venning & Duane LaFreniere (62)

4th Net:

Scott Mackintosh & Todd Sauer (63)

Pot of Gold Shootout Winner: Brian Cowan

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# Please Patronize these FRIENDS of the ASSOCIATION

A-OK Turf Equipment Inc. 1357 Main St., Coventry, RI 02816-8435 Articulator, Terra Topper, Greens Groomer brush. & used equipment Mike Cornicelli - (401) 826-2584

A.A. Will Materials Corp.

A.A. Will Waterials Corp. 168 Washington St., Stoughton, MA 02072-1748 Top dressing & bunker sand, decorative stone, landscape materials, wholesale nursery stock. Charlie Downing, Mike Read - (800) 4-AA-WILL

Accusoils

P.O. Box 1125, Carver, MA 02330 Topdressing sand & mixes, divot mix, greens & tees. root zone mix, bunker sand, cart path mix, stablizer, & greens care analysis. Joe Farina, Frank Santos - (866) 222-6644

Allen's Seed Store Inc. September 3 Gold State 1802 Specializing in quality seed and related golf course maintenance supplies. Gregg Allen - (800) 527-3898

Agresource, Inc. 100 Main St., Amesbury, MA 01913 Tim Gould, Guy Travers (800) 313-3320, (978) 388-5110

The Andersons Technologies, Inc. 26 Waite Ave., S. Hadley, MA 01075 Manufacturer of fertilizer & control products. Rick Forni - (413) 534-8896

Armstrong Golf Architects, LLC 76 S. New Boston Rd., Francestown, NH 02043 Golf course design & renovation. (603) 547-3132

Bay State Fertilizer/MWRA 100 First Ave., Boston, MA 02129 Manufacturer & supplier of dry organic fertilizers. Kristen Patneaude - (617) 788-4437

The Borden Company 114 Summer St., Maynard, MA 01754 Bulk limestone dealer. Jack Borden - (978) 897-2571

Boston Irrigation Supply Company 60 Sturgis Way, Dedham, MA 02026 Distributor, Irrigation supplies & accessories. Andy Langlois, J. Anderson III, Ron Milenski (800) 225-8006

Bourke & Lannery Turf Care dba "DryJect" 48 Hardwick Terrace, Brighton, MA 02135 Aerification & filling of holes with dry material in one pass on greens, tees, or problem spots on fairways. Rory Bourke - (617) 779-8873

The Cardinals, Inc. 166 River Rd., P.O. Box 520, Unionville, CT 06085 Golf course and landscape supplies. John Callahan, Dennis Friel - (800) 861-6256

Cavicchio Landscape Supply, Inc. 110 Codjer Lane, Sudbury, MA 01776 Annuals, perennials, garden mums, ground covers, loam, and mulch, Darren Young - (978) 443-7177

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

Ciccarelli Landscaping Woburn, MA 01801 Reverse rototilling, cultivating. (781) 938-5055

Clean Quest P. O. Box 1102, Southbury, CT 06488 Distributors of the Landa Water system for treating wash water, Safety Storage chemical buildings, & Octaflex portable wash pads.

Steven Burnett, Michael Wende - (800) 521-5585

Cornish, Silva, & Mungeum, Inc. 207 N. Main St., Uxbridge, MA 01569 Golf course architects. (508) 278-3407

Country Club Enterprises P. O. Box 820, Cataumet, MA 02534 Club Car golf cars, Carryall utility vehicles. Dave Farina, Darin Eddy, Darren Orr (800) 662-2585

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

**DGM Systems** 

1 Snagwood Rd., Foster, RI 02825 Distributor of Reelcraft products & inventor of the Direct Underground Maintenance Syringing System. Manny Mihailides - (401) 647-0550

**DHT Golf Services** 

dba Weed & Feed, Inc. 20 Clark Lane, Marshfield, MA 02050 Colf course renovation & construction in all areas: bunkers, tees, greens, drainage, irrigation, & cart paths. Dahn Tibbett, Chip Brearley - (781) 837-3503

Michael Drake Construction, Inc. 240 Walnut St., Framingham, MA 01702 Golf course reconstruction; professional shaper. Michael Drake - (508) 875-8247

EZGO/Textron 30 Peace Pipe Terrace, Smithfield, RI 02917 (401) 419-7409

F.A. Bartlett Tree Expert Co. 640 Hale St., Beverly Farms, MA 01915 Complete tree care, landscape design & construction, disease control, long-range planning. Ben Staples - (978) 927-1590

Gold Star Nursery & Sod Farm 250 West Rd., Canterbury, NH 03224-2127 Growers of turfgrass and ornamentals. Malcolm McPhail Lexington, MA - (781) 861-1111 Canterbury, NH - (603) 783-4717

Golf Cart Services, Inc. 275 Wells St., Greenfield, MA 01301 Club Car golf, turf, transportation, & utility cars. James Bernier - (800) 287-0955

**GPS New England Mapping** 39 Cedar St., Cohasset, MA 02025 Precise irrigation & drainage as-builts; wire tracking & electrical regains Greg Albanese - (781) 789-1166

Greeno, Inc. 2352 Main St., Concord, MA 01742 Tree transplanting, landscape construction, & masonry. Kevin Mulcahy - (800) 439-7244

Charles C. Hart Seed Co., Inc. P. O. Box 9169, Wethersfield, CT 06109 Roy Sibley, Dick Gurski, Robin Hayes (800) 326-HART

**Hartney Greymont** 433 Chestnut St., Needham, MA 02492 Tree care, landscape construction, cons Mark Tobin - (781) 444-1227 uction, consulting.

Holliston Sand Co., Inc. P. O. Box 1168, Tifft Rd., Slatersville, RI 02876 USGA-recommended sands, not-zone mixes, bunker & topdressing, agresoil, compost, stone-dust, & pea-stone Bob Chalifour, CGCS (ret.) - (401) 766-5010

International Golf Construction Co. 5 Purcell Rd., Arlington, MA 02474 Golf course construction. Antonios Paganis - (781) 648-2351; (508) 428-3022

International Turf Applicators 2910 Dranefirld Rd., Lakeland, FL 33811 Ray Duffy - (800) 995-8720, (860) 646-0259

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

Ken Jones Tire, Inc. 71-73 Chandler St., Worcester, MA 01613 Distributor of tires for lawn & garden, trucks. cars, industrial equipment, and golf cars. Gerry Jones - (508) 755-5255

Larchmont Engineering & Irrigation 11 Larchmont Lane, Lexington, MA 02420-4483 Marc Utera - (781) 862-2550

P.O. Box 662, Winchester, MA 01890 Tee/bunker shaping & remodeling, cart paths, Drainage, tree planting, landscape construction. Daniel Champion - (781) 729-3250

Lazaro's Golf Course Supplies & Accessories dha Hammond Paint and Chemical Co. Inc. 738 Main St., Suite 223, Waltham, MA 02154 Complete line of golf course accessories; Standard, Par Aide, Eagle One. Joe Lazaro - (781) 647-3361

Lesco, Inc. 20005 Lake Rd., Rocky River, OH 44116 Ron Tumiski, Mike Donohue - (800) 321-5325

D.L. Maher Co. 71 Concord St. P. O. Box 127, N. Reading, MA 01864 Water supply specialists; wells & pumping equipment. (781) 933-3210

McNulty Construction Corp. P. O. Box 3218, Framingham, MA 01705 Asphalt paving of cart paths, walkways, parking areas: imprinted asphalt John McNulty - (508) 879-8875

Miller Golf Construction 1 Leicester Rd., Marblehead, MA 01945 Golf course construction & renovation. Jonathon Miller - (781) 631-2030

S.V. Moffett Co., Inc. 33 Thruway Park Dr., W. Henrietta, NY 14586 Commercial turf & irrigation equipment. Bill Stinson - (888) 708-5296

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Nardone Sand and Gravel, Inc. 37 Power Rd., Westford, MA 01886 Topdressing sand & mixes, bunker sands, root-zone mixes, loam, cart path materials, drainage stone. Greg Frederick - (978) 692-8221

Norfolk Power Equipment, Inc. 5 Cushing Dr., Wrentham, MA 02093 Sales, service, rentals, leasing, Kubota tractors (508) 384-0011

North Shore Hydroseeding 20 Wenham St., Danvers, MA 01923 Hydroseeding, erosion control, & tree services. Brian King - (978) 762-8737

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Prescription Turf Services, Inc. P. O. Box 39, Middleton, MA 01949 Deep-tine and hydro-injection services, custom fertilizer & pesticide applications, fairway aeration, topdressing operations. (978) 777-1663

Putnam Pipe Corp. 90 Elm St., Hopkinton, MA 01748 Underground water, sewer, & drain piping sales. & distribution. 24-hour service. Elliot Putnam, David Putnam, Eli Potty - (508) 435-3090

R.A.D. Corp. 269 Hanover St., Hanover, MA 02339 Golf course construction, greens, tees, bunkers, drainage, earth-moving, ponds, & water features. Robert M. Delmonico - (781) 826-2800

Rotondo Precast 151 Old Farms Road, Avon, CT 06001 Precast concrete buildings for chemical & equipment storage. Fully-equipped restroom buildings also avail-able. Bob Anania - (860) 673-3291

Sawtelle Brothers, Inc. 65 Glenn St., Lawrence, MA 01843 Larry Bunn, , Jim Favreau, John Lenhart, Al Vadala, George Wise - (800) 999-8873

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SBI Turf Services 65 Glenn St., Lawrence, MA 01843 Deep-tine, core, & water-injection aerification, DOL & Verti-Seed overseeding, irrigation services. (800) 999-TURF Shawnmark Industries, Inc. P. O. Box 8966, Warwick, RI 02999 Matt Howland - (401) 295-1673

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Sports Club Management 104 Wyman Rd., Braintree, MA 02184 OSHA and EPA compliance services & training. Ron Smith - (781) 848-5978

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Tom Irwin Inc. 11 A St., Burlington, MA 01803 Turl management products. Jack Petersen, Paul Skafas, Rob Larson, Chris Petersen, Greg Misodoulakis, Mike Fontaine (800) 582-5959

Tuckahoe Turf Farms, Inc. P. O. Box 167, Wood River Junction, RI 02894 Chris Beasley - (800) 556-6985

**Turfgrass Environmental Consulting** 47 Falmouth Road, Longmeadow, MA 01106 IPM plans for permit projects, widdife enhancement projects, & water quality monitoring programs. John Bresnahan - (413) 565-5340

TurfLinks, Inc. 16 Kane Industrial Dr., Hudson, MA 01749 Distributor of quality fertilzer, grass seed, & control products for the golf course industry. Kevin Lyons, Scott Mackintosh, Jim Cohen (866) 567-9221

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TurfNet Associates, Inc. 21 Brandywine Rd., Skillman, NJ 08558 Cutting edge communication for the golf course industry. Peter McCormick - (800) 314-7929

Turf Products Corp. 157 Moody Rd., Enfield, CT 06082 Distributors of Toro irrigation & maintenance equipment and other golf-related products. Tim Berge, Paul Hallock, Rick Moulton, Mike Turner (800) 243-4355

**United Horticultural Supply** 18 Legate Hill Rd., Sterling, MA 01564 Fertilizer, seed, chemicals, & IPM. Glenn Larabee, Bruce Chapman, Mark Miller (800) 224-4440

Varney Bros. Sand & Gravel 79 Hartford Ave., Bellingham, MA 02019 Concrete golf cart paths. Kenneth Mooradian - (800) 441-7373

Winding Brook Turf Farm Wethersfield, CT 06109 Peter DeBrusk - (800) 243-0232

Winfield Nursery, Inc. 1700 Mountain Rd., W. Suffield, CT 06093 Wholesale nursery supplies, including fertilizer, grass seed, turf control products, and landscaping trees & shrubs. Joe Trosky - (860) 668-5225

Philip Wogan & George F. Sargent, Jr. 17 Walker Rd., Topsfield, MA 01983 Golf course architects. (978) 887-3672

Zip Type Printing Services, Inc. 50 Kent Street, Newburyport, MA 01950 Design, printing, mailing, advertising specialties. Sheila Johnson - (978) 462-9358

# Meet Host Superintendent Mark Klimm, LeBaron Hills C.C.

...

The Golf Course Superintendents
Association of New England will visit the
newly-built LeBaron Hills Country Club
in Lakeville, Massachusetts for their
July meeting.

Mark Klimm is the superintendent at LeBaron Hills and has been there from the very beginning, when he oversaw the grow-in process for this country club. He has been a superintendent for 25 years and has been involved in the grow-in process of four golf courses, including LeBaron Hills. LeBaron Hills is a privately owned, private 18-hole club that opened in the fall of 2001. The course was built on a gravel pit, giving it an open appearance, with acres of natural fescue for hole definition. The course layout is fun but challenging, with natural and man-made

water hazards, waste bunker, and a prevailing wind that always makes you think.

# **HOST PROFILE**

Mark is a graduate of Umass-Amherst with an associate degree in agronomy. He also attended the Stockbridge School of Agriculture. He is also a member of the Golf Course Managers Association of Cape Cod and served as their president in 1988-1989.

Mark resides in Hyannis, Mass. with his wife of 25 years, Linda, and their two daughters, Stephanie (22) and Cynthia (20).

### LeBaron Hills C.C. Facts:

Superintendent:				Ma	ark	K	limm
Golf Professional: .				Ton	n I	Fle	tcher
Number of Member	rs						300

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Terrain: Converted gravel pit.
acres of naturalized fescue areas
Architect: Mark Mungeam
Year Organized: 2001
Par: 72
Regular Yardage: 6,392
(Rating: 131)
Ladies Yardage: 5,171
(Rating: 125)
Championship Yardage: 6,803
(Rating: 136)
Greens (yardage & type): 2.5 acres
G2 Bentgrass
Tees (yardage & type): 3.5 acres
Bentgrass mix
Fairways (acres & type): 27 acres
Bentgrass mix
Roughs (acres & type): 30 acres
Blue, Rye, Fescue
Carts: Electric, Club Car

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