

of the Golf Course Superintendents Association of New England, Inc. Sponsors and administrators of the Troll-Dickinson Scholarship Fund – Awarded yearly to deserving Turf Management Students.

New England's resilient superintendents share their war stories of The Winter of 2001

If you wanted to crown the winter of 2001 with an appropriate caption, a simple play on words captures the feeling that was to be the lament of many a golf course superintendent. Just call it "The lce Age Returneth" – a spin-off of a New Englander's smash Broadway hit, Eugene O'Neill's "The Iceman Cometh".

At any rate, it was a winter of discontent for many superintendents battling the elements in our little corner of the golf world. Brian Skinner of the Bellevue Golf Club had his own label for his bout with ice and snow: "The glacier effect. Snow falling, snow melting, and then freezing again," he explained his ongoing dilemma. "The process never stopped. It cost us a lot of playing time and revenue. It was the worst winter I've ever encountered."

Skinner had his fingers crossed at the first hint of tremendous winterkill, in mid-January. "There was this awful odor," he recalled. "I really don't know the cause, probably the breakdown of organic matter. Anyway, we cleared off the snow from all

INSIDE . . .

		Pag		ge
Calendar of Events	÷		•	2
From the President		•	•	4
UMass News		•	•	4
GCSAA News	•	•	•	5
Divot Drift		•	•	6
Host Superintendent Profile	•		•	8

of our greens. In fact, we moved snow three different times until early February. Then, about a month after the first signs of serious damage, (I remember it well because it was the first week following the national conference), we did some serious probing."

The Bellevue crew went into "operation jackhammer", breaking through patches of eight-inch-thick ice, to get the built up gas out of the affected areas and create channels for the water to flow off. Another wait for results was set in place.

"In early April there was no telling how extensive the damage would be," Skinner noted. "But as mid-April was approaching, the originally intended time to open the course had passed, and the bad news was sitting there. Three greens were completely gone, three others were 75 percent dead and four had 50 percent worth of severe damage."

Skinner initiated his recovery program on April 14. He verticut the areas in two directions, aerated, seeded and fertilized. By that time, however, Mother Nature was still throwing curves as a dry spell moved in and a virtual drought took hold.

"We opened the course at the end of April with temporary greens," Skinner said. "But we didn't get too many players. Just before that we reseeded again, using a Graden machine which might have been the turning point in recovery. Two weeks later we seeded again, verticut, aerated and spoon-fed the fertilizer. All along we had to baby the areas. There was a lot of hand watering involved. But the constant, revolving application of recovery methods showed good results. We opened the "The glacier effect: Snow falling, snow melting, and then freezing again. The process never stopped. It cost us a lot of playing time and revenue. It was the worst winter I've ever encountered."

> Brian Skinner Bellevue Golf Club

entire course ,June 1 and a feeling of relief swept through the club."

Incidentally, Brian tells that Bellevue was most cooperative during the long ordeal, more so than the weather which continued to be a passive partner in the recovery process.

"The greens were our biggest problem," Skinner wrapped up his recall. "We also had a few tees to deal with and we gave them the same treatment. Here it is heading through July and I'd say the whole course is about 85 to 95 percent recovered. In all, I'd say we lost a good month-and-a



Any opinions expressed in this publication are those of the author and/or person quoted, and may not represent the position of GCSANE. 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.

"As we chipped away at ice, six to seven inches thick, I could see trouble ahead."

> David Laffey Oakley C.C.

continued from page 1

half of normal operation time. It wasn't nice, believe me. Getting the course in shape was no picnic."

The third week in February was discovery time for Len Curtin, the five-year superintendent at the Lexington Golf Club. "That's when we started plowing greens and realized winter hadn't been kind to us," Curtin remarked. "We're a nine-hole club with 10 greens. Seven of those fell into the 40 to 80 percent severe damage range."

Curtin's first step on the road to recovery was the most time-consuming part of his program - chipping the ice to get some air into the damaged areas. "After that I had to get a program together," he said. "It was like piecing together a mystery story. Finally, I leaned on my experience in 1995 when I was faced with similar difficulties at Walpole Country Club.

"Then, the idea was to heat the soil first, which meant we weren't thinking sod, just seed. We wanted to get the soil temperature up around 60 degrees and did that with plastic covers. That brought us into the second week of April, one week after we usually open the course.

"We verticut in three directions. After that came the seeding, using a high quality seed that promotes quick germination. We used an organic fertilizer and went back to the plastic covers to retain moisture in order to help the germination along. I think the grass popped in 10 days. All during that time, though, we used temporary greens where the ones with severe damage lay."

Lexington opened April 21, three weeks later than usual. However, it's members and other players knew this was going to be a season of survival. They picked up on the virtue of patience, which gave Curtin a boost. By the end of May all the regular greens were open, tees were restored

through the magic of overseeding, and fairways turned out okay in time.

"This was tough on everything and everybody," Curtin revealed. "In effect, we had to create putting surfaces from scratch. My planned schedule was shuffled. It had to be. We still have bumps and bruises but we're coping. I've never seen winterkill damage like we had . . . never."

Woodland's David Mucciarone had a similar rude awakening when he took his greens into early spring after faithfully clearing them of snow all winter. "At least 10 of our greens were affected," he told. "One of the surprises was the condition of three greens we put in (sodded) in November. They had about three or four weeks growing time. When we looked them over in spring, it was remarkable. Not a blemish. So, that kept me kind of upbeat about the whole thing."

AL CAIDA

continued on page 3

August 23	GCSANE Monthly Meeting Rockland G.C. Rockland, Mass. Supt Eric Newell
Sept. 10	GCSANE Monthly Meeting Superintendent / Club Official Winchester C.C. Winchester, Mass. Supt Daniel Higgins, CGCS
Oct. 10	GCSANE Monthly Meeting Joint Meeting with Cape Cod GCSA Pocasset G.C. Pocasset, Mass. Supt Steve Carr
Oct. 17	Pro/Supt. Tournament Shaker Hills G.C. Harvard, Mass. Supt Glen Misiaszek
Nov. 5	GCSANE Monthly Meeting Annual Nine-Hole Meeting Amherst G.C. Amherst, Mass. Supt Carl Teschke
Nov. 13	GCSAA Seminar Fundamentals of Turfgrass Management II The International Bolton, Mass.
Nov. 14	GCSAA Seminar Strategic Planning for Golf Course Operations The International Bolton, Mass.
Dec. 16	GCSANE Holiday Gala Wellesley C.C. Host - David Barber, CGCS

continued from page 2

After that euphoric moment was put to bed, Mucciarone went to work on the damaged greens and other affected areas. It all started with quadtines, small holes that were seeded. One week later, the first week of April, a slice-seeding approach was put in place. Throughout the entire recovery program covers were put on the greens at night and removed in the day.

"That was a lot for work for our guys," Dave disclosed. "We were pulling a lot of I I -hour work days. When it became apparent that we were making progress, we topdressed the areas and fertilized. By mid-April we were into doing the same slice-seeding on the fairways. I mean, the Greater Boston area was under the gun. We were caught in a snow-ice pocket."

Woodland opened April 28 with eight regular greens, the rest temporary. Members understood the gravity of the situation and gave their support and confidence in the recovery effort.

"There never was anything like a deadline or added pressure for me to deal with," Mucciarone reported. "Everything worked out fine. The hardest part was pampering the greens and other areas. Yes, we babied them, but they came out smooth and excellent. We even had them in shape for our June member-guest event. Funny, I always was confident we'd lick this thing. But I'm glad it's over. It's a winter we won't soon forget."

David Laffey was in the same boat as his colleagues, but the severest damage was restricted to two fairways and three greens. Regardless, that damage had muscle.

"We went out and cleared the greens early," the Oakley Country Club superintendent said. "That was early February, and when I got back from the national conference, I was looking at 50 to 60 days of ice cover on those three affected greens. We got right to it, using sledgehammers, picks, shovels... anything that could penetrate. As we chipped away at ice, six to seven inches thick, I could see trouble ahead."

The key to Laffey's recovery approach was the use of polyethylene plastic covers. "After verticutting, slice-seeding and aerating, we covered those three greens with that plastic for two weeks. It gave us a greenhouse effect. And it produced instant reaction. We shut down those greens, going through the verticutting and other recovery efforts and going back to regular covers. By the last week in May everything was in place and we were in a permanent, regular mode."

Laffey, who had a varying green cover program going, agreed that there are no preventive measures for the kind of winterkill he encountered. He called it a quirk of Mother Nature that hit certain areas and missed others. Like playing golf, it was simply the rub of the green.

A little over a year ago Michael Parks (not to be confused with the movie actor of the same name) was working out the winter at his superintendent's post, the Cape Neddick Country Club, near York, Maine. He completed the ensuing golf season and recently accepted the head job at the Brookline Golf Club. He started there in March... a mere five months ago.

"Wow! What a beginning," he chirped when he arrived to be greeted by the residue of a frightening winter. "This never happened to me in Maine. Here I was with extensive damage through the course, two greens completely gone and an irrigation system retrofit half-way completed. I mean, how many mountains do you have to climb before the landscape levels off?"

Parks figured that sometime in January or February water got trapped under sheets of ice up to eight inches thick and indiscriminate damage got the best of the golf course. His initial thought was to wait it out, chip away at the ice and hope the melting would give him recovery conditions to start a seeding program. The situation didn't present itself until the third week in April, way beyond normal opening time at the municipal course. So, the first seeding took place then.

"The wait was for the soil to be warm enough to encourage germination," Parks explained. "I tried a combination of PennCross and fescue, hoping that one or the other or both would germinate. I used a drop spreader in two directions."

Nothing materialized, so Parks seeded again, using a Blec uni-seeder. He followed with an application of fertilizer and tried to keep everything moist. Of course his troubles were compounded by a drought that lasted through mid-May. With little or no help from the under-construction irrigation system, hand watering was the order of the day.

However, once again there was little growth action and another seeding leaked over to the third week of May. Voila! Things started to pop. Michael then set aside Memorial Day weekend for aerification, using half-inch tines. Nine days later Brookline was ready to open (June 9). And it did, even though course officials had set a July opening date. So, in effect, Parks brought the course in under schedule.

"Sure," he remarked sarcastically. "It was that easy. Seriously, I think we had 300 golfers on opening day. They were certainly patient. My bosses were, and I had to be. I cannot think of a more trying time to start a new job. But it's done and now I'm ready to tackle that irrigation system finishing job. I hope this is as bad as it gets."

A superintendent's winter of discontent . . . over and done with. What's next? Only Mother Nature knows. GERRY FINN

"We verticut in three directions. After that came the seeding, using a high quality seed that promotes quick germination. We used an organic fertilizer and went back to the plastic covers to retain moisture in order to help the germination along. I think the grass popped in 10 days."

> Len Curtin Lexington G.C.

President makes note of Ouimet Marathon, URI Field Day, and Miller & Tyler meeting the challenge

The Ouimet Scholarship Marathon will be held August 8 at Stow Acres Country Club. This is the fundraiser for scholarships that are available for golf course workers who have worked for three years on the grounds, pro shop, or as a caddie. Our

Last year Dick (Duggan) played 326 holes in one day at this event (Ouimet Marathon). He will attempt to play more this year. Good luck to Dick, and don't forget to bring the Ben-Gay and other appropriate painkillers for the ride home.

> Bob Ruszala President, GCSANE

representative playing in this event is Dick Duggan of Peabody Municipal Golf Course. Last year Dick played 326 holes in one day at this event. He will attempt to play more this year. Good luck to Dick, and don't forget to bring the Ben-Gay and other appropriate painkillers for the ride home.

FROM THE PRESIDENT

Two superintendents from our association recently hosted Senior PGA and USGA events. Paul Miller of Nashawtuc Country Club and Kip Tyler of Salem Country Club are to be congratulated for the condition and success each had at their tournaments. Both suffered winterkill and ice damage on their golf courses this spring. Paul had some temporary greens and fairway damage, and Kip had to keep the entire golf course closed until the event began in late June due to severe damage on greens and fairways. Both golf courses came back in excellent shape. Paul and Kip, we are proud of you both, and congratulations are in order for a job well done.

Paul was president of GCSANE in 1990-91 and on the board of directors for many years. Kip also served on the board in the late 1980s and early 1990s, and was also Newsletter chairman for a few years. Thank you both for your hard work in the past, and best wishes in the future.

The University of Rhode Island Field Day will be held August 15. The event is always a very good educational day and pesticide credits will be available. There are a few projects going on that have been funded by the New England Regional Turfgrass Association. I hope to see many of our members at this fine event.

> Sincerely, Bob Ruszala President, GCSANE

Paul and Kip, we are proud of you both, and congratulations are in order for a job well done.

> Bob Ruszala President, GCSANE

Stockbridge School of Agriculture graduates II5; GCSANE member Jim Conant is commencement speaker

The Stockbridge School of Agriculture recently graduated 115 students with associate of science degrees. The commencement speaker for this year's event was Jim Conant, CGCS, superintendent at the Country Club of Pittsfield and a GCSANE member. Jim is also a 1983 graduate of Stockbridge.

Jim urged graduates to continue their education by joining professional associations. This would in turn broaden their horizons by associating with other professionals. "A lifelong commitment to education will give you a long and successful career," Jim intoned.

UMASS NEWS

"Map out your own plan of commitment to your profession and community life, knowing that when you make a commitment, it will be easier for you to meet the challenges ahead."

He finished his words to the graduates by reciting the school's motto: "Give your best to dear old Stockbridge, body, heart, and soul." "A lifelong commitment to education will give you a long and successful career."

> Jim Conant, CGCS C.C. of Pittsfield

GCSANE member sightings on the course – Spring 2001





Above are Team-of-Two winners at Hickory Ridge C.C. on June 20: (I. to r.) **Joe Piana & Ed Eardley**, and **Carl Teschke & Mike Howell**. At left, at the Stockbridge Alumni Tournament at Westminster C.C. June 18, are (I. to r.) **Jim Fitzroy, Bob Ruszala**, and **Bob Healey**. Below left, GCSANE president **Bob Ruszala** presents a \$1000 donation to the Stockbridge Alumni Fund.







The master lines 'em up ... Having mastered the game, Bob Healey, above, moves on to a new challenge, playing through the course hitting two-ballsat-a-time.

The Stockbridge Alumni Tournament also drew, at immediate left (l. to r.), **Jim Fitzroy**, **Dave Comee**, and **Bob Healey**. Just out of view is the sign they were reading: "Long Drive must be in your own fairway!"

Consider yourself a candidate.

Applications for the 2001 Environmental Leaders in Golf Awards are available from the May issue of *Golf Course Management* magazine, chapter leaders, *Golf Digest*, participating sponsors, and the GCSAA Service Center (800/472-7878) or the GCSAA Web site (*www.gcsaa.org/environ/elga_form.html*).

We'll look forward to receiving your application





Page 6

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

MEMBERSHIP

Welcome New Members: Daniel Shay, Superintendent, Agawam Municipal G.C.; Thomas Mason, Assistant, Cedar Hill G.C.; Michael DiRico, Student; SV Moffett Company, Friend.

Proposed for Membership: Michael Barber, Assistant, Norfolk G.C.; Dennis Granahan, Assistant, The Country Club; Stumps Are Us, Friend; DGM Systems, Friend.

INFORMATION

Dave Comee, while teeing off on the ninth hole at Westminster G.C., was set upon by a "killer" chipmunk. We were not sure if it was 'Chip' or 'Dale', however the "killer" came up from behind, ran through Dave's legs and over the front of his right foot just as Dave was set to start his swing. The culprit then ran off across the tee and disappeared into the thicket. Although shaken, Dave was able to tee off and finish his round. Dave, what cologne were you wearing?

Thank you to Bob Ruszala, superintendent at Hickory Ridge C.C., and his entire staff for hosting the June GCSANE meeting. Thanks also to Golf Cart Services, Inc. for providing the food and beverage cart during the event.

Thank yous are also in order for Rob Larson, Neil Hanrahan, and the staff of Pine Ridge C.C. They hosted the July meeting that went well in spite of the ominous forecast.

A reminder to all GCSANE members: If you are out of work, you may be eligible for a waiver of dues. Please contact the President via letter to explain you situation.

A reminder that the Ouimet Scholarship Fund is available to young people who have worked for three years in golf in Massachusetts. The award is renewable and can be worth \$10-\$15,000 over four years of college. Eligible applicants must have worked for three years as caddies, pro shop helpers or in course superintendent operations. Applicants must call the Ouimet office at (781) 891-6400 during the summer to be put on a mailing list and they will be mailed an application (for the 2002-03 academic year). Completed applications must be returned to The Fund by December 1.

EQUIPMENT WANTED

Attachments for a Steiner 420 Tractor: Snow blower, snowplow, stump cutter, etc. Call Pat Lucas, Innis Arden Golf Club at (203) 637-6945.

GOVT. RELATIONS

New Hampshire: The governor signed S.B. 89, to establish a committee to study methods of strengthening and clarifying the comprehensive shoreland protection act and its application. The committee will be responsible for studying the appropriateness of buffer zone distances for land management and alteration activities. For more information related to the Comprehensive Shoreland Protection Act, go to http://www.des.state.nh.us/cspa/.

New Hampshire: H.B. 186, to create a pesticide training program to provide education to commercial pesticide applicators, has been sent to the governor for signature.

Connecticut: S.B. 806, to require municipalities to verify that builders or developers have obtained appropriate stormwater discharge permits from the DEP prior to starting construction projects, died in committee.

Vermont: The following legislation will be carried over to the 2002 Vermont legislative session: H.B. 367, to prohibit the application of pesticides and herbicides within 100 feet of the normal mean watermark of any public waters of the state; S.B. 184, to allow local governments to regulate pesticide applications within their borders, including the creation of posting and notification requirements for outdoor pesticide applications and the establishment of buffer zones around waters of the state.

EMPLOYMENT

Second Assistant. Sagamore Spring Golf Club is a daily fee, 18-hole golf course approximately 20 minutes north of Boston. Opened in 1929, Sagamore Spring created a market for itself by offering affordable golf and exceptional conditioning to the everyday player. Background in turfgrass maintenance, mechanical knowledge, and pesticide license preferred. Responsibilities include assisting with staff supervision, customer satisfaction, turfgrass, irrigation, and equipment maintenance. Compensation includes a threemonth trial period at hourly wage. If hired for full-time position, competitive industry salary and bonus. Company pays 100% family health insurance, dental insurance, life and disability insurance. Eligible for company profit sharing plan after one year, with paid vacation and personal days. Please send resume to: Brett K. Fellows, Sagamore Spring Golf Club, 1287 Main Street, Lynnfield, MA 01940. No phone calls please.

Superintendent. Scottish Meadows Golf Club is an 18-hole, semi-private course under construction. Seeking a motivated, energetic, hands-on, challenge-seeking individual. Golf construction and grow-in experience helpful but not necessary. Experience with irrigation installation preferred. A minimum of two years of turf school required, as is a Mass. pesticide applicator license. Interest in classic golf design and maintenance practices is helpful. Salary is commensurate with experience. Send resume to: James Fountain, Scottish Meadows Golf Club, 62 Comins Pond Road, Warren, MA 01083.

TOURNAMENT RESULTS

Hickory Ridge C.C. Team of Two Championship June 20, 2001

Superintendent Division

Ist Gross: Ron Dobosz & Ed Gianni (69) Ist Net: Ed Eardley & Joe Piana (61)

Affiliate Division

Ist Gross: Larry Anshewitz & Sean Moran (74) Ist Net: Bob Healey & Robin Hayes (60)

Pine Ridge C.C.

Individual Championship Par 71 July 17, 2001

Superintendent Division Ist Gross: Chris Tufts (72) 2nd Gross: Ron Dobosz (75) Ist Net: Dave Barber (67) 2nd Net: Gary Luccini (69) 3rd Net: David Stowe (70)

Affiliate Division

Ist Gross: Dave Antunes (78) Ist Net: Scott McCloud (63) 2nd Net: Greg Frederick (69)

GCSANE Four-Ball Results

Round #3

Anshewitz/Fitzroy def. Curtin/Miller, 4 and 3 Lazaro/Rybka def. Dobosz/Gianni, 7 and 5 Crimmings/Cullen def. V. Iacono/Varkonyi, 1-up Moordian/Luccini def. Hayes/Healey, 4 and 3 Barber/Murphy def. Higgins/M. Iacono, 2-up

Round #4

Misodoulakis/Skinner def. Hayes/Healey, 24 holes Comee/Hermanson def. Dobosz/Gianni, 2 and 1 Curtin/Miller def. Daly/Reinertson, 3 and 2

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 Comicelli - (401) 826-2584

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

Allen's Seed Store Inc. 693 S. County Trail, Exeter, RI 02822 Specializing in quality seed and related golf course maintenance supplies. golf course maintenance supp Gregg Allen - (800) 527-3898

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

Aventis Environmental Science 311 Carriage Dr., Kensington, CT 06037 Acclaim Extra, Banol, Chipco, DeltaGard, Finale, ProGrass, ProStar, Proxy, Sevin, Turcam David Sylvester - (860) 828-8905

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

Bayer Corporation 118 Ellery Ave., Middletown, RI 02842 Bayleton, Merit, Dylox, Tempo Jim Santoro - (800) 842-8020

The Borden Company 114 Summer St., Maynard, MA 01754-2216 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

The Cardinals, Inc. 166 Biver Bd P 0 Box 520 Unionville, CT 06085-0520 Golf course and landscape supplies. John Callahan, Dennis Friel - (800) 861-6256

Casey & Dupuis Equipment Corp. 340 Pleasant St., Watertown, MA 02472 Construction/earthmoving equipment sales & rentals; all sizes of job equipment available. Paul Casey - (617) 924-7575

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, and professional care. William P. Maley - (508) 881-2622

Clean Quest

P 0. Box 1102, Southbury, CT 06488 Distributors of the Landa Water system for treating wash water, Safety Storage chemical buildings, and Octafte yortable 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

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

Dow/Elanco 560 Ashwood Rd., Springfield, NJ 07081 Bob Scott - (908) 510-5549

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 repairs 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 06109-0169 Roy Sibley, Dick Gurski, Robin Hayes (800) 326-HART

Hartney Greymont 433 Chestnut St., Needham, MA 02492-2822 Tree care, landscape construction, consulting. Mark Tobin - (781) 444-1227

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

Irrigation Management & Services 21 Lakeview Ave., Natick, MA 01760 Irrigation 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

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

Larchmont Engineering & Irrigation 11 Larchmont Lane, Lexington, MA 02420-4483 Marc Utera - (781) 647-3361

Lazaro's Golf Course **Supplies & Accessories** dba 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

Lofts Seed, Inc. 22 Lantern Lane, Exeter, RI 02822 Victoria Wallace - (800) 648-7333

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

McNulty Construction Corp. P. O. Box 3218, Framingham, MA 01705-3218 Asphati 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 - (716) 334-0100

R.F. Morse & Sons, Inc. 22 Cranberry Hwy., Wareham, MA 02576-0099 Larry Anshewitz, Jack Cronin, Chris Cowan, Doug Dondero - (508) 295-1553

Nardone Sand and Gravel, Inc. 37 Power Rd., Westford, MA 01886-4112 Topdressing sand & mixes, bunker sands, root-zone mixes, loam, cart path materials, drainage stone. Greg Frederick - (978) 692-8221

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

Novartis Specialty Products, Inc. 394 Monson Tpk. Rd., Ware, MA 01082 Banner MAXX, Barricade, Subdue MAXX, Primo

Partac Peat Corporation Kelsey Park, Great Meadows, NJ 07838 Heat treated topdressing, golf hole targets, turf blankets, other specialty golf supplies. Jim Kelsey - (800) 247-2326

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

Read Custom Soils

171 VFW Drive, Rockland, MA 02370 Topdressing, root-zone mixes, bunker sand, 3/8 screened loam, cart path materials, mulch, drainage stone Joe Farina, Frank Santos - (888) 475-5526

Sawtelle Brothers 65 Glenn St., Lawrence, MA 01843 Bob Brown, Larry Bunn, Mike Hannigan, Frank Higgins, John Lenhart - (978) 682-9296

SBI Turf Services 65 Glenn St., Lawrence, MA 01843 Deep-tine, core, & water-injection aerification, DOL & Verti-Seed overseeding, irrigation services. Jim Favreau - (800) 999-TURF

Shawnmark Industries, Inc. P. O. Box 8966, Warwick, RI 02999 Matt Howland - (401) 295-1673 Simplot Partners, Inc.

15 Londonderry Rd., Londonderry, NH 03053 Turf & omamental supplies. Chuck Bramhall, Mike Kroian, Mike Nagle, Jim Wierzbicki - (800) 228-6656

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

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

Dahn Tibbett Professional Golf Services dba Weed & Feed, Inc. 20 Clark Lane, Marshfield, MA 02050 Specialists in golf course construction, bunker restoration, and irrigation installation. (781) 837-3503

Tee and Green Sod, Inc. P. O. Box 418, Exeter, RI 02822 Bentgrass, Bluegrass, and Blue/Fescue sod. Dave Wallace - (401) 789-8177

Tom Irwin Inc. 11 A St., Burlington, MA 01803 Turf management products Jack Peterson, Wayne Ripley, Paul Skafas, Chris Peterson, Greg Misodoulakis, Rick Giverson (800) 582-5959

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

TurfLinks, Inc. P. O. Box 489, Sturbridge, MA 01566 Scott Mackintosh - (508) 347-8070

Turf Enhancement Enterprises 6 Jessica J Dr., Millbury, MA 01527 Floratine products, Precision Small Engine Co., Douglas Rollers, Trion Lifts. Tom Fox - (508) 865-9150

TurfNet Associates, Inc. 21 Brandywine Rd., Skilman, 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 and maintenance equipment and other golf-related products. Tim Berge, Mark Daly, Paul Hallock, Rick Moulton, Mike Turner - (800) 243-4355

United Horticultural Supply 18 Legate Hill Rd., Sterling, MA 01564 Fertilizer, seed, chemicals, and 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

Waterflowers Ecological Design 116 North Street, North Reading, MA 01864 Environmental audits, planning/design, & permits for all environmental details Terry Bastion - (978) 664-8059

Winfield Nursery, Inc. 1700 Mountain Rd., W. Suffield, CT 06093 Wholesale nursery trees and shrubs. Stan Hildreth

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

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

FIRST CLASS



Needham, MA 02494-3034 aunavA bnaldgiH 271 Keturn to:



family man. He and his wife, Dawn, have been married five years. They have one child, Ben (2), and are expecting a baby girl in September. In his spare time, Rob enjoys teaching martial arts.

Neil recently earned a promotion to superintendent at Pine Ridge. He was the assistant superintendent there for two years before taking the advancement last March. Neil spent many years at Putterham Meadows Golf Course in Brookline, Mass., both as assistant (1992-96) and superintendent (1996-99).

alsolution and alsolution and a second of a

Neil has been a GCSANE member for three years and serves on the Membership Committee. He is also a 1997 graduate of the UMass Winter School for Turfgrass Management.

Neil and Lisa, his wife of four years, have three children. Chris (8), Emily (4), and Riley (1) round out the Hanrahan family. When not working or picking up Rob's slack, Neil enjoys football, golf, fishing, boating, and deer hunting.

Pine Ridge Country Club is a Phil Wogan course that opened in 1969. It plays to 6,002 yards from the tips and has a par of 71. The bent/pa greens are moderate in size, averaging 5,000 square feet. Tees consist of rye and poa; fairways are rye, blue, and poa.

والمنافع المراجع المراجع

Meet host superintendents Rob Larson & Neil Hanrahan, Pine Ridge C.C.

Host Superintendents for the July meeting of GCSANE are Rob Larson and Neil Hanrahan of Pine Ridge Country Club in North Oxford, Mass.

Rob, who is now director of golf course operations and general manager at Pine Ridge, has been at that club since 1997. A Stockbridge graduate in 1987, he was previously superintendent at Green Hill Municipal Golf Course in Worcester. Rob worked in that position for 10 seasons.

An eight-year member of GCSANE, Rob currently serves the membership on the board of directors as a trustee. He heads the Membership Committee and is responsible for issuing the membership directory each year. He is surely working

hard on next year's edition. Rob also serves on the UMass IPM Protocols Committee

HOST PROFILE

In addition to his responsibilities at

work and elsewhere, he is a devoted

Page 8