



# THE NEWSLETTER

October 2013

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.

## Winterkill of Turfgrass

By Dr. Kevin Frank, Michigan State University

“Winterkill” is a general term that is used to define turf loss during the winter. Winterkill can be caused by a combination of factors including crown hydration, desiccation, low temperatures, ice sheets and snow mold. Because of the unpredictability of environmental factors and differences in other factors such as surface drainage, the occurrence of winterkill on golf courses is variable and can vary greatly between golf courses and even across the same course.

### Crown hydration

In general, annual bluegrass (*Poa annua*) greens and fairways are the most susceptible to crown hydration injury. During the warm days of late winter, annual bluegrass plants start to take up water (hydrate). Potential for injury exists when a day or two of warm daytime temperatures in late winter is followed by a rapid freeze. The most common time for winterkill associated with crown hydration and refreezing to occur is during the late winter and early spring when there is snowmelt or rainfall and then refreezing of the water that has not drained away. Crown hydration is a problem during these events because ice crystal can form in the crown of the plant, rupture the plant cells and ultimately cause the plant to die.

Annual bluegrass is more susceptible to crown hydration injury than creeping bentgrass because it emerges from dormancy and begins taking up water. Creeping bentgrass remains dormant longer and, therefore, does not take up water and is not as susceptible to crown hydration injury during the late winter.

### Desiccation

Winter desiccation is the death of leaves or plants by drying during winter when the plant is either dormant or semidormant. Desiccation injury is usually greatest on exposed or elevated sites and areas where surface runoff is great (Beard, 1973). Winter desiccation injury to turfgrass in Michigan is normally rare, though sites similar to those described above can be prone to desiccation injury on a regular basis.

### Low-temperature Kill



It can be very unsettling when areas don't green up in the spring.



Winterkill on a putting green, exacerbated by cross country skiing.



Some areas are prone to collecting water.



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Any opinions expressed in this publication are those of the author

Low-temperature kill is caused by ice crystal formation at temperatures below 32 degrees F. Factors that affect low-temperature kill include hardiness level, freezing rate, thawing rate, number of times frozen and postthawing treatment (Beard, 1973). Soil temperature is more critical than air temperature for low-temperature kill because the crown of the plant is in the soil. It is difficult to provide absolute killing temperatures because of the numerous factors involved. Beard (1973) provided a general ranking of low-temperature hardiness for turfgrass species that were autumn-hardened.

### Low Temperature Hardiness

Excellent  
Good  
Medium  
Poor

### Turfgrass Species

Rough bluegrass, Creeping bentgrass  
Kentucky bluegrass, Colonial bentgrass  
Annual bluegrass, Tall fescue, Red fescue  
Perennial ryegrass

### Ice sheets

Ice sheets are often blamed for killing turf when, in fact, it is crown hydration and subsequent refreezing that has resulted in the kill. The reason for the confusion is that, as snow melts and refreezes, creating ice sheets, the ice sheets are often in poorly drained areas where crown hydration can occur because of the standing water. As the ice sheet melts away, the area damaged closely mirrors where the ice occurred, and therefore, the conclusion is that ice sheets caused the kill. Beard conducted research on ice sheets on three turfgrass species: Kentucky bluegrass, creeping bentgrass and annual bluegrass. Kentucky bluegrass and creeping bentgrass survived 150 days of ice cover without significant injury; annual bluegrass was killed somewhere between 75 and 90 days of ice cover (Beard, 1998). The author concluded that cause of death for the annual bluegrass was most likely from toxic gas accumulation under the ice sheet.

### Snow mold

The two diseases commonly called snow mold are Typhula blight (gray snow mold) and Microdochium patch (pink snow mold). Gray snow mold requires extended periods of snow cover; pink snow mold can occur either with or without snow cover. If snow mold injury is a recurring problem, preventive fungicide applications are the best control option.

### Steps in recovery

To assess if damage has occurred, samples can be taken from turf areas, moved inside and placed in a warm, sunny area to see if the turf greens up. If there is no green-up within a couple of weeks, the turf was killed.

Reestablishing turfgrass in damaged areas can be very challenging in the spring because of the cool, cloudy conditions that often persist. Depending on the extent of damage, either seeding or sodding may be necessary to facilitate recovery. In areas where the turf was killed in a manner that left well-defined margins between dead and living turf, it may be feasible to strip dead turf and sod the area. In areas where the kill was more scattered, it may be easier to seed the area. Seeding can be difficult, especially on damaged areas of greens. Interseeding creeping bentgrass into dead areas on the greens has given mixed results. The best results with interseeding have occurred when the lowmow, high-density creeping bentgrasses, such as the A and G series bentgrasses, have been used. Tools such as the Job-Saver aerator attachment, which produces numerous small, shallow holes, also increase the success of an inter-seeding program. The interseeding process should continue weekly until the damaged area has completely recovered. On greens that are predominantly annual bluegrass, often it is better to scratch the surface of the dead areas to allow the annual bluegrass to germinate and fill in the voids. Keys to success for renovating winter-killed areas are to divert traffic from newly seeded areas, apply light fertilizer applications to stimulate growth, and irrigate to ensure that the seedbed or sod is moist throughout the establishment period. ❖

### Literature Cited

Beard, J.B. 1973. Turfgrass: Science and Culture. Englewood Cliffs, N.J.: Prentice-Hall.

Beard, J.B. 1998. Winter ice cover problems? TURFAX. 9(1):1-2,5.

Source: Michigan State University Extension web site (Department of Crop and Soil Science) [www.turf.msu.edu](http://www.turf.msu.edu)

# In House Projects

By Todd Lowe

Golf courses change with time and, to improve turf health and playing conditions or simply to modernize or change the look of certain features, renovation is necessary. Infrastructure items such as buildings, irrigation systems, cart paths, and bridges do not last forever, either, and must also be upgraded or replaced eventually. Much like a house requires new carpet, a fresh coat of paint, or a new roof, so too does a golf course require periodic renovations.

Do-it-yourself home improvement projects can certainly save money. The same is true for golf facilities, as it is oftentimes less expensive to have the grounds crew perform improvement projects as compared to hiring outside contractors.

Golf facilities operate with limited funds, and superintendents will often try to assist their facilities by performing projects in-house. This would include minor remodeling projects, some irrigation upgrades, and drainage improvements. Not only does this save the golf facility money, it also provides the crew with a temporary break from routine maintenance operations. However, there can be downsides to in-house projects, and it is important to be aware of potential pitfalls.

First, it is important to consider the size of the work and the number of projects. Remember, the primary responsibility of the maintenance staff is to maintain the golf course at a particular standard. Turfgrasses, weeds, trees, and landscape vegetation grow continually, especially during the summer when most improvement projects take place in winter golf destination areas in southern regions of the U.S. Every maintenance task requires a certain amount of time to complete. Depending on the frequency of each particular task, which could be daily, the time needed for routine maintenance and course setup really adds up each week and month. Maintenance tasks like mowing, weeding, edging, trimming, landscaping, and bunker maintenance (just to name a few) require a considerable amount of labor, and most golf facilities have just enough staff to provide the desired level of course conditioning.

When labor is stretched too thin, something has to give. That "something" oftentimes is the amount of detail work or level of course conditioning when certain maintenance tasks must be temporarily eliminated or performed less frequently. Even a relatively simple renovation or construction project can require significant time from the staff. When golf facilities take on too many extracurricular activities in the form of special projects, it is easy to fall behind on maintenance programs and subsequently struggle to provide desired course conditions for daily play. An easy fix to this problem, as many would assume, is to simply adjust golfer expectations downward until all special project work is complete, but this is not realistic



*Projects like building new tees should only be undertaken by the staff if they have the resources to do a quality job and if it won't compromise the care and conditioning of the rest of the golf course.*

for most memberships or golfers. Instead, make certain you are adequately staffed before taking on additional projects. If needed, hire additional temporary labor to perform menial tasks or consider outsourcing some maintenance practices until project work is complete.

Routine practices like mowing, weeding, or bunker maintenance may fall behind slightly, but make certain that important cultural practices like thatch management (core aeration, sand topdressing, deep verticutting) or soil remediation (the incorporation of sand or amendments into the soil) are not sacrificed for the sake of in-house projects. Such practices are essential, and deferring them can take a toll on turf performance and playability for years to come.

Second, make sure you have the particular skillset and tools for the project. While building new features or remodeling existing ones may seem like fun and simple tasks, they

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# Thoughts From Your Association Manager



**Left to right: Mike Hermanson; John Kerney, Head of School; Tavis Comee, Kathy Comee, Megan Comee, Scott Lagana, Russ Heller**

October 18 was the day we had the opportunity to honor our friend Dave Comee. As many of you know, Dave was a long time member of the Association and committee member of the Scholarship and Benevolence Committee. He was also the long time superintendent at the Winchendon School Golf Club.

Last year his friends at the Club decided to establish the Dave Comee Memorial Tournament. The event was a turkey shoot golf scramble format – a fun event created to honor Dave’s memory and raise funds for the GCSA of New England’s Scholarship and Benevolence Fund.

This year the Association was represented by Scott Lagana, Mike Hermanson, Russ Heller and Don Hearn. We had fun, but more importantly we were there to honor Dave and the players who donated their time and support to make the event a success. A lot of effort was spent setting up the course and Superintendent Greg Bennett and his team made the event memorable with their creativity. Golf Professional Jake Greene handled the details and pairings and made all feel welcome.



**Greg Bennett**

The Winchendon School, Head of School John Kerney, Superintendent Greg Bennett, Golf Professional Jake Greene and the players and staff of the Winchendon School Golf Club deserve our heartfelt thanks and gratitude for caring to honor Dave Comee and donate the funds to support the Dave Comee Memorial Scholarship Award.

This year we hosted the New England Superintendent Championship at the Sterling National Country Club where Superintendent Tim Gerzabek, Assistant Rich McGovern and their team had the course in excellent condition.

Teams of eight from the Connecticut Association of Golf Course Superintendents, Rhode Island GCSA, GCSA of

Cape Cod, GCSA of New England, NHGCSA, Maine GCSA and the Vermont GCSA participated. The winning gross team was The GCSA of Cape Cod and the winning net team was the Connecticut Association of Golf Course Superintendents.

Representing the GCSA of New England were Tim Crane, Jim Fitzroy, Russ Heller, Mike Luccini, Ken Mooradian, Mike Parks, Patrick Van Vleck and John Winskowicz

The staff at Sterling made sure all the participants had a good day. General Manager Jeff Carroll, and Golf Professional Bill Cunningham and their staffs went the extra mile to help make sure the event ran smoothly. Chef Paul prepared a delicious meal and no one left hungry. Next year’s host will be the New Hampshire GCSA.



**Rich McGovern, left and Tim Gerzabek**

The Professional-Superintendent Championship was played October 23, at Black Rock Country Club, in Hingham, MA where Chuck Welch is the Superintendent and Mark Gammons the Golf Professional. Thirty-two teams vied for the honor of being Champion. There was a tie and the teams of Jeff Urquhart and Todd Cook from The Milton-Hoosic Club, and Carl Miner and Dana Smith from the Presidents Golf Club tied for the honor with a gross score of 75 in the alternate shot event. The tournament was a wonderful way for two important members of the club team to have some fun away from their course and get to know more about each other. ❖



**THE CHAMPIONS: from left: Dana Smith, Carl Miner, Jeff Urquhart, Todd Cook**

By Don Hearn

# Kevin Doyle - GCSAA Updates



“Oh, you work on a golf course. What do you do in the winter?” Does that question sound familiar? How many times have you answered that, or some variation of it? To the uninformed golf is a seasonal leisure sport that is over when they stop playing, or is ready for the season when they bring the sticks out again.

We know better. This is the time of year when many large projects and changes occur at our clubs that can make a real impact on the health, aesthetics, and playability of the golf course. Many of these projects require a different skill and level of expertise. While often outsourced, many of you will undertake projects that will expose you and your staff to potential hazards not seen during the day to day grind of the golf season. I ask that you be careful, stress safety, and also know that there are resources available for you and your staff.

Is it time to break out the chainsaws and get a little light on those tees and greens? If the answer is yes, there is more healthy turf in your future. There is also some inherent danger with the process as well. Not surprisingly, chainsaws are listed among the most dangerous tools. Current statistics are not easily found, but this blast from the past courtesy of the Consumer Product Safety Commission can easily be adjusted for 2013:

- 40,000+ injuries by chain saws in U.S. annually
- Average chainsaw injury requires 110 stitches

- Average medical cost was \$5,600 in 1989; \$12,000 in 2000
- Total medical costs = \$350 million in 2000
- Workman's comp. costs = \$125 million per year
- Based on four weeks recovery time
- Largest cost (not included) = Loss of production & quality of life for the injured

Start with the simple safety steps first. Reread the operator's manual. Just a quick glance at safety tips can reinforce even the most experienced operator. Be sure to wear the proper protective gear. My research shows that a staff member can be outfitted with the proper safety gear for under \$500. Be sure your tools and saws are safe for use. Consider outside resources and education that are available as well. UMass extension ([linked here](#)) and Massachusetts Arborists Association ([linked here](#)) are two valuable tools that can reinforce and educate on proper procedures. Both [Stihl](#) and [Husqvarna](#) offer free safety videos online as well.

Potentially dangerous equipment doesn't end there. Chippers for tree and brush disposal add another layer of hazard to tree removal. Those doing irrigation upgrades or drainage projects are not free of hazardous equipment use either. Trenching machines, open trenches, and buried surprises create opportunities for injuries from minor to severe.

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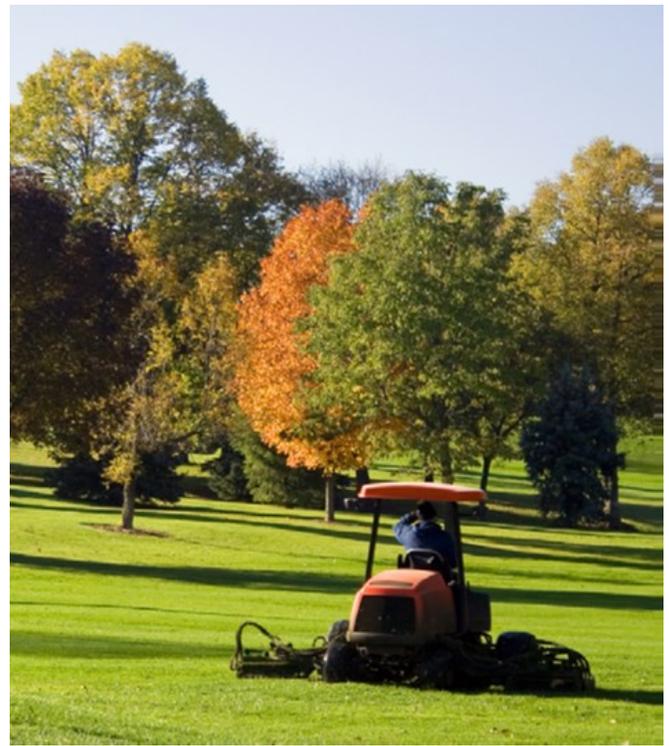
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will become burdens and sources of frustration if the staff lacks the skillset or tools necessary to do the job efficiently or effectively. If a quality finished product is not the end result, then it means disappointment for everyone involved. One of the most common examples of in-house projects gone wrong is remodeling or building new teeing grounds. Although this project seems fairly straightforward, building good tees is harder than most realize. When not done well, tees may end up being misaligned, having slopes too steep for riding mowers, and having poor irrigation coverage or uneven surfaces. This is an example of when it is difficult to match the expertise of an experienced contractor with proper tools for earthwork, drainage, surface leveling, etc.

The economic downturn in recent years has resulted in a dramatic reduction in new course construction. In response, golf course builders have reduced their costs considerably and are much more likely to take on smaller renovation projects than ever before. In some cases, it may make more sense to hire an experienced builder for an entire project or use one in combination with your grounds crew.

We all must consider cutting costs where appropriate, but when it comes to course enhancement or renovation projects, do not get in over your head. Plan accordingly for the size and scope of the work. If it cannot be done in-house, or if there are concerns that the work may not be done well or will be at the expense of the rest of the golf course, then consider handing the project over to an experienced contractor. For more information on this topic, please refer to [Perils](#)



*If undertaking a special project in-house means that routine practices like mowing will fall behind and more than slightly, it is a good idea to consider an outside contractor.*

**TODD LOWE** is a senior agronomist in the USGA Green Section's Florida Region.

Source: [www.usga.org](http://www.usga.org)



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# 2013 MET Area Team Championships

## Mountain Ridge CC Par 71 September 30, 2013

<u>Team Scores</u>	Par 284	<u>Score</u>
1 <sup>st</sup>	Connecticut AGCS	283
2 <sup>nd</sup>	Central New York GCSA	296
3 <sup>rd</sup>	MET GCSA	299
4 <sup>th</sup>	Philadelphia AGCA	300
5 <sup>th</sup>	Pocono Turfgrass Association	301
6 <sup>th</sup>	GCSA of New Jersey	308
6 <sup>th</sup>	Hudson Valley GCSA	308
8 <sup>th</sup>	Northeastern GCSA	315
8 <sup>th</sup>	Central Penn GCSA	315
10 <sup>th</sup>	Mid Atlantic AGCS	316
11 <sup>th</sup>	Rhode Island GCSA	320
12 <sup>th</sup>	Long Island GCSA	325
13 <sup>th</sup>	Eastern Shore AGCS	331

### Skill Events

- Closest to the pin hole #4, sponsored by BASF  
Bob Alonzi 4'-9" – MET GCSA
- Closest to the pin hole #7, sponsored by Care of Tre-  
Blake Halderman 3'-8" – MET GCSA

- Closest to the pin hole #14, sponsored by Toro  
John Parmelee 2'-5" – CT AGCS
- Closest to the pin hole #16, sponsored by Syngenta  
Matt Tapazio 2'-5" – Hudson Valley GCSA

### Long Drive

- Net Division sponsored by Bayer Mike Brunelle
- Gross Division sponsored by Agrium Adv. Tech.  
Mike Dukette – CT AGCS
- Sponsors Division, sponsored by Care of Trees  
Billy Ditchey – Philadelphia CC

### Low Gross Team

Mike Dukette & Eric Destefano from CT Score of 72

### Sponsorship Team Winner

Cliff Moore & Lance Rogers Score of 67

### Two Man Team High Score

Gross: Andy Sheehan & Ralph Meola – Mid Atlantic AGCS  
Score of 90

Net: Chris Fronczek & Todd Cowing – Eastern Shore AGCS  
Score of 83

## Kevin Doyle - continued from page 5

I don't mean to point out flaws or play OSHA, only to reiterate the need for safety. My position has exposed me to stories of superintendents and staff that have fallen off ladders (with and without chainsaws), chainsaw accidents, wood chipper accidents, and so on. Hopefully you get the point. Staff exposure and training on mowing equipment is often extensive, with many follow-up hours of operation to reinforce proper use. The off season brings different hazards with sporadic use intervals that can only add to the potential for injury.

This is the season for all in the golf industry to enjoy more time with family and friends. Please be safe, so they get to enjoy you in one piece too.

### GCSAA Resources and Deadlines

Does your employer offer you a financial tool to save for retirement? In partnership with the PGA of America, GCSAA does! This vehicle also allows for your employer to add to your fund without the mountains of paperwork.

Golf Retirement Plus is a non-qualified supplemental retirement program tailored exclusively for the Professional Golfers Association of America (PGA), Golf Course Superintendents Association of America (GCSAA) and the Club Managers Association of America (CMAA). Golf Retirement Plus allows these professionals to contribute to their own personal retirement annuity and allows their employer to make contributions to their retirement annuity. [More information here](#)

You Get  
Cool  
Stuff  
Already from your  
Association

### Golf Industry Show:

Housing for the 2014 Conference and Show in Orlando is now open! Reserve your housing early before they fill up. Conference Registration for Members opens **November 5<sup>th</sup>**. Details, including changes to the 2014 show and highlights from 2013 can be found [here](#).

### Regional Pages:

The latest addition to the GCSAA communications vehicles are the GCSAA Regional Pages. The regional pages feature several dynamic elements including a field staff blog, member transitions, regional forums and resources relevant to members right here in the Northeast Region. Give it a look [here!](#)

### Chapter Educational Funding Program:

ArystaLifeScience has developed a pilot program, which they are rolling out to all of the Northeast local chapters of the GCSAA. ArystaLifeScience will be donating up to 2% of all gross sales back to the local associations for educational expenses. Look for details of the program soon, and be sure to help your chapter help you!

### Upcoming FREE webcasts:

**Nov. 7: My Best Feature is Fairways**

**Nov. 14: Planning for Replacement-How Long Does This Stuff Last?**

**Dec. 4: Set Goals & Manage Time to Achieve Success**

**Dec. 12: Use Microsoft OneNote to Stay Organized**

Again, if I can be of any assistance, please feel free to contact me. ❖

Kevin Doyle

GCSAA Field Staff

[kdoyle@gcsaa.org](mailto:kdoyle@gcsaa.org) Follow me on Twitter @GCSAA\_NE

# **GCSANE Looking for DSA Nominations**

The Golf Course Superintendents Association of New England annually selects an individual or individuals who have made an outstanding contribution to the advancement of the golf course superintendent profession.

To propose a candidate for this program, please submit a letter of recommendation to the Membership Committee Chair. The letter should summarize the candidate's contributions and leadership to the superintendent community both locally and nationally. You will also be receiving an on-line form pertaining to this, simply follow the directions and submit it once completed. The nominee must not have been a recipient of this award in the preceding ten years. The Membership Committee welcomes recommendations for nomination.

The GCSANE membership committee will recommend a recipient to the Board of Directors to be awarded at the Annual meeting in January.

## **Submit/email nominations to:**

Jeff Urquhart, Membership Chair, GCSANE  
Milton Hoosic Club  
70 Green Lodge Street  
Canton, MA 02021  
email: [jmartin101@gmail.com](mailto:jmartin101@gmail.com)

## **Past Award Winners**

**1997 – Anthony Caranci**  
**1998 – Richard D. Haskell**  
**1999 – Robert Grant**  
**2000 – Dr. Joseph Troll**  
**2001 – Geoffrey Cornish**  
**2002 – Richard C. Blake, CGCS and Phillip I. Cassidy**  
**2003 – Leon St. Pierre**  
**2004 – Donald E. Hearn, CGCS**  
**2005 – Donald Marrone**  
**2006 – Gerry Finn**  
**2007 – Ronald Kirkman**  
**2008 – Robert Ruzala**  
**2009 – Robert and Norman Mucciarone**  
**2010 – Brian Cowan, CGCS**  
**2011 – Dean Robertson**  
**2012 – Mike Hermanson**  
**2013 – James Fitzroy, CGCS**

# MGA Names New Executive Director

Dear MGA Family:

I am happy to report that after an exhaustive search, the MGA has named a new executive director. Effective immediately, Jesse Menachem will take over the position which was vacated by Joe Sprague in August. For the past two months, the Search Committee has worked tirelessly to find the best candidate for this position and we feel strongly that we have done just that.

The Search Committee presented its report to the MGA Executive Committee last night and it was unanimously accepted. I had the opportunity to speak with Jesse last night and he accepted the position and looks forward to working with you all in this new position. As many of you know, Jesse began his time at the MGA as a USGA Boatwright, Jr. Intern and has become an integral part of the organization. He has most recently served as director of rules & competition.

The MGA has been fortunate to have a history of strong leadership. We know that Jesse will continue this trend and ensure the growth and prosperity of the MGA for years to come.

Please help me in congratulating Jesse Menachem on his new position. ❖

Sincerely,  
Clarence Bennett  
MGA President

## Tournament Results

### New England Superintendent Championship Sterling National CC

<b>Low Gross</b>	<b>523</b>	<b>GCSA of Cape Cod</b>
<b>Low Net</b>	<b>449</b>	<b>Connecticut AGCS</b>

<b>Other scores:</b>	<b>Gross</b>	<b>Net</b>
<b>GCSA of New England</b>	<b>526</b>	<b>479</b>
<b>Vermont GCSA</b>	<b>539</b>	<b>456</b>
<b>NHGCSA</b>	<b>547</b>	<b>471</b>
<b>RIGCSA</b>	<b>558</b>	<b>473</b>
<b>Maine GCSA</b>	<b>589</b>	<b>491</b>

**Closest to the hole:** D. Smith 11' 6 ¼" Barrie Robertson 5' 11"

**Longest Drive:** Garrett Whitney 312 yards  
**Straightest Drive:** Eric Euell



**Atlantic**  
golf & turf

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*Email: [servicedept@turfproductscorp.com](mailto:servicedept@turfproductscorp.com)*  
**MAIN OFFICE: (800) 243-4355**  
**[www.turfproductscorp.com](http://www.turfproductscorp.com)**

## **ANNOUNCEMENTS**

### **Welcome New Members:**

- **Bryan Conant**, Assistant Superintendent, Woodland Golf Club
- **Timothy Johnston**, Assistant Superintendent, Charter Oak Country Club

Our condolences are extended to the Kowal family on the passing of Thaddeus J. Kowal, the father of Anthony and Matt Kowal, Superintendents of the Franconia Golf Course and Country Club of Wilbraham respectively, who passed away suddenly October 9, 2013. Thaddeus was an avid golfer and retired Chief Master Sgt. of the 104th Tactical Wing of Barnes Airfield Base.

As in the past, *The Newsletter* continues to invite Affiliate members to submit a press release about new personnel, new products or a company bio. We will print each and every release **free of charge**. This is a great way to advertise for free. Who said nothing in this world is free? Free advertising to better your company, wow what an offer.

## **DIRECTORY UPDATES**

- **Larry Anshewitz** has new contact information. His email address is [lanshewitz@comcast.net](mailto:lanshewitz@comcast.net)  
Cell phone: 508-789-5357 Home: 508-977-9871
- **John Bresnahan** has accepted a new position as Strategic Market Support Manager for Harrells. His new email address is [jbresnahan@harrells.com](mailto:jbresnahan@harrells.com) and his phone numbers stay the same at office 413.565.5340 and mobile 413.374.4102.

## **UMASS INTERNSHIP FAIR**

**Date:** Thursday, November 21, 2013  
**Time:** 6:00 PM - 8:00 PM  
**Location:** Room 105 - French Hall - Amherst, MA

All current freshmen will be required to attend, and invitations will be extended to other turf students in both the two-year and four-year programs. We anticipate that there will be at least 30 students in attendance.

This is a great opportunity for turf managers to meet our students and speak to them about internship positions. If you are unable to attend the event, you can send us an electronic file with the pertinent information for the internship(s) you are looking to fill. We will make those files available to the students who attend the session.

If you are able to attend in person, please RSVP to Dr. Michelle DaCosta ([mdacosta@umass.edu](mailto:mdacosta@umass.edu) or 413-545-2547) by Friday November 15, 2013.

## **NOR' EASTER SKI DAY**

Save the date notice for the Second Annual Nor'easter Ski Day for 2014! This year's date will be **Friday, January 17**, which is the beginning of the long MLK weekend.

Details are still being finalized, but Killington is being gracious enough to hold discounted rates over the weekend for all those who would like to plan a family or "guys" weekend! As soon as things are finalized, within the next couple weeks, all the details and the website for registering will be sent out. Any questions, please contact:

Andy Drohen  
Agrium Advanced Technologies  
[www.agriumat.com](http://www.agriumat.com) Cell: (413) 531-6401



## **GCSANE Offers Website Banner advertising at [www.gcsane.org](http://www.gcsane.org)**

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**For more information, please contact Jeff Urquhart  
at 781-828-2953 or [jmartin101@gmail.com](mailto:jmartin101@gmail.com)**

# Please Patronize these FRIENDS of the ASSOCIATION

Page 1

## **A.A. Will Materials Corp.**

198 Washington St., Stoughton, MA 02072-1748  
Root zone mixes, divot mixes, topdressing blends, bunker sands, cart path mixes, bridging stone, & hardscape supplies.  
Rob Fitzpatrick - (800) 4-AA-WILL  
[www.aawillmaterials.com](http://www.aawillmaterials.com)

## **Agresource, Inc.**

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

## **Agrium Advanced Technologies Direct Solutions**

Suppliers of Chemicals, Fertilizer, and Grass Seed  
Jim Pritchard 401-259-8-5472 [jpritchard@agriumat.com](mailto:jpritchard@agriumat.com)  
Glenn Larrabee 401-258-3762 [glarrabee@agriumat.com](mailto:glarrabee@agriumat.com)

## **Allen's Seed**

693 S. County Trail, Exeter, RI 02822  
Specializing in quality seed, fertilizer, chemicals, and related golf course maintenance supplies.  
Peter Lund (401) 474-8171  
[www.allensseed.com](http://www.allensseed.com)

## **Atlantic Golf and Turf**

9 Industrial Boulevard, Turners Falls, MA 01376  
Specializing in agronomy through the distribution of fertilizer, seed and chemicals throughout New England.  
Chris Cowan (413) 530-5040, Gregg Mackintosh (508) 525-5142, Scott Mackintosh CPAg (774) 551-6083

## **A-OK Turf Equipment Inc.**

1357 Main St., Coventry, RI 02816-8435  
Lastec, Tycrop, Blec, Wiedenmann, Therrien, Graden, Sweep & Fill, Baroness, and used equipment.  
Mike Cornicelli - (401) 826-2584

## **Barenbrug USA**

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Bruce Chapman, Territory Manager (401) 578-2300

## **BASF Turf & Ornamental**

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[www.backedbybayer.com](http://www.backedbybayer.com)

## **Boston Irrigation Supply Co. (BISCO)**

60 Stergis Way, Dedham, MA 02026  
New England's single source for a complete line of irrigation and pumping equipment featuring Rain Bird, plus landscape lighting, drainage, tools and all related accessories. [www.gobisco.com](http://www.gobisco.com)  
Andrew Langlois, Jay Anderson III, Dan Fuller, Jeff Brown, Greg Hennessy, Chris Russo (800) 225-8006

## **The Cardinals, Inc.**

166 River Rd., PO 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, & mulch.  
Darren Young - (978) 443-7177

## **Charles C. Hart Seed Co., Inc.**

304 Main St., Wethersfield, CT 06109  
Authorized distributor for Bayer, Syngenta, Grigg Brothers foliar fertilizers, and Aquatrols. Specializing in custom seed blends.  
Robin Hayes 508-237-2642 Dick Gurski 413-531-2906  
Mike Carignan 603-540-2562

## **Country Club Enterprises**

PO Box 670, 29 Tobey Rd., W. Wareham, MA 02676  
Club Car golf cars, Carryall utility vehicles.  
Dave Farina, Keith Tortorella, Mike Turner (800) 662-2585

## **DAF Services, Inc.**

20 Lawnacre Rd., Windsor Locks, CT 06096  
Provider of prefabricated pump stations and water management systems. Richard Young - (860) 623-5207

## **DGM Systems**

153A Foster Center Road, Foster, RI 02825  
Your New England specialty products distributor: Reelcraft, POK, Allen, Kenyon, Echo, Carhartt Office - (401) 647-0550  
Manny Mihailides - (401) 524-8999  
David Mihailides - (401) 742-1177

## **DHT Golf Services**

8 Meadow Park Road, Plymouth, MA 02360  
Serving the GCSANE for over 20 years. Planning to proposal to completion. Golf construction and irrigation consulting.  
Emergency irrigation repairs. Dahn Tibbett (20 year member), Jaime Tibbett 508-746-3222 DHTGOLF.COM

## **G. Fialkosky Lawn Sprinklers**

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Irrigation services to golf courses throughout New England.  
Gary Fialkosky - (617) 293-8632  
[www.garyfialkoskylawnsprinklers.com](http://www.garyfialkoskylawnsprinklers.com)

## **Harrell's LLC**

19 Technology Drive, Auburn, MA 01501  
Turf & Ornamental supplies. Chuck Bramhall, Mike Kroian, Mike Nagle - (800) 228-6656

## **Hartney Greymont**

433 Chestnut Street, Needham, MA 02492  
[www.hartney.com](http://www.hartney.com)  
Hartney Greymont is a company that specializes in tree care, landscape services, strategic woodland management and plant healthcare. Michael Colman (781) 727-7025

## **Helena Chemical Company**

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National distributors of all your turf chemicals and fertilizers. Extensive line of Helena Branded wetting agents, foliars, micronutrients and adjuvants.  
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continued on next page

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P.O. Box 767, Medfield, MA 02052  
Mike Parks 617-852-0479  
Providing specialty cultural services to golf courses and sports turf.

## **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

## **John Deere Golf**

Offering our customers the most complete line of products, service and expertise in the industry.  
John Winskowicz - (978) 471-8351  
Ron Tumiski 1-800-321-5325 x6219

## **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  
Kevin Rudat - (781) 862-2550

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

dba Hammond Paint and Chemical Co., Inc.  
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Complete line of golf course accessories; Standard, Par Aide, Eagle One. Joe Lazaro - (781) 647-3361

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Fax (978) 664-9356 [www.maherserv.com](http://www.maherserv.com)

## **MAS Golf Course Construction LLC**

60 Hope Ave., Ste. 107, Waltham, MA 02453  
Fulfilling all your renovation and construction needs.  
[www.masgolfconstruction.com](http://www.masgolfconstruction.com) Matthew Staffieri (508) 243-2443

## **Maltby & Company**

30 Old Page Street, P.O. Box 364, Stoughton, MA 02072  
Provides expert tree pruning, tree removal and tree planting services. Our two other divisions include Natural Tree & Lawn Care, which treats for winter moth caterpillars, ticks and mosquitoes etc. Forest Floor recycling manufactures color enhanced mulch and natural composted leaf mulch. For more information or to speak with one of our arborists please call Bill Maltby at 781-344-3900

## **Matrix Turf Solutions**

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Providing the finest turf care products and accessories.  
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[www.matrixturf.com](http://www.matrixturf.com)

## **Mayer Tree Service**

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## **MTE, Inc. – Turf Equipment Solutions**

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Mark Casey: 617-990-2427. Matt Lapinski: 978-551-0093

## **Mungeam Cornish Golf Design, Inc.**

195 SW Main Street, Douglas, MA 01516  
Golf course architects  
Office: 508-476-5630  
Cell: 508-873-0103  
Email: [info@mcgolfdesign.com](mailto:info@mcgolfdesign.com)  
Contact: Mark A. Mungeam, ASGCA  
[www.mcgolfdesign.com](http://www.mcgolfdesign.com)

## **New England Lawn & Golf**

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[www.nesoils.com](http://www.nesoils.com)

## **New England Turf**

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Phone: 800-451-2900 or Ernie Ketchum 508-364-4428;  
Mike Brown (508) 272-1827  
Website: [www.newenglandturf.com](http://www.newenglandturf.com)

## **NMP Golf Construction Corp.**

25 Bishop Ave., Ste. A-2, Williston, VT 05495  
Golf course construction. Mario Poirier - (888) 707-0787

## **Northeast Golf Company**

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*continued on next page*

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## **Slater Farms (Holliston Sand Products)**

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## **Southwest Putting Greens of Boston**

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## **Valley Green**

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36 Elisha Mathewson Road, N. Scituate, RI 02857

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