



THE NEWSLETTER

November - December 2022

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.

GCSANE BOARD OF DIRECTORS

PRESIDENT

Brian Skinner, CGCS, CPO
Bellevue Golf Club
PO Box 760661, Melrose, MA 02176
781-248-0216
Email: brianskinner@bellevuegolfclub.com

VICE PRESIDENT

Eric Richardson
Essex County Club
153 School Street, Manchester, MA 01944
978-500-2094
Email: erichardson@essexcc.org

SECRETARY/TREASURER

Bob Dembek
Lexington Golf Club
55 Hill Street, Lexington, MA 02420
978-870-8669
Email: lexgc@rcn.com

DIRECTORS

Greg Cormier, CGCS
Tom Irwin, Inc.
11A Street, Burlington, MA 01803
978-846-1133
Email: gregcormier@tomirwin.com

Ryan Emerich

Vesper Country Club
185 Pawtucket Boulevard, Tyngsboro, MA 01879
717-575-1332
Email: remerich@vespercc.com

Michael Murphy

Robert T. Lynch Municipal Golf Course
1281 West Roxbury Parkway, Brookline MA 02467
617-879-5664
Email: mimurphy@brooklinema.gov

Colin Smethurst, CGCS

Hillview Golf Course
149 North Street, North Reading, MA 01864
781-779-5705
Email: smethurst.colin@gmail.com

David Stowe, CGCS

Newton Commonwealth Golf Club
212 Kenrick Street, Newton, MA 02458
617-789-4631
Email: Newtonmaint@aol.com

PAST PRESIDENT

Peter J. Rappocciro, CGCS
Concord Country Club
246 ORNAC, Concord, MA 01742
978-371-1089 Fax: 978-369-7231
Email: gcs@concordcc.org

EXECUTIVE DIRECTOR

Donald E. Hearn, CGCS
300 Arnold Palmer Blvd., Norton, MA 02766
774-430-9040
Email: donhearn@gcsane.org

NEWSLETTER EDITOR

Colin Smethurst, CGCS
Hillview Golf Course
149 North Street
North Reading, MA 01864
781-779-5705
Email: smethurst.colin@gmail.com

GCSANE Headquarters

300 Arnold Palmer Blvd., Norton, MA 02766
Tel: (774) 430-9040
Web Site: www.gcsane.org

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

President's Message *by Brian F. Skinner*



The months ahead should be a bit less rigorous and away from the 24/7 responsibilities we have during the season but they are busy in their own way. Unwittingly, much of our off-season work and preparation for the upcoming season can be overlooked and undervalued. Projects, tree work, and the refurbishment of equipment are just a few examples of what occurs on a golf course during the “off season”. It is also a much needed break for managers and staff to recharge and reconnect with friends and family. In line with our promotional initiative efforts, we would like to remind our golf course grounds professionals to share the value of what we do during the offseason to those who may not realize it. It is important that we do. We are also continuing work on our Social Media platform that will provide outbound information and messaging as well as additional advertising opportunities for our Friends and Affiliates.

Our December meeting will feature Chief Meteorologist Jeremy Reiner from Channel 7 and he will present his winter outlook for 2022-2023. Hopefully his predictions will provide some insight for the upcoming months regarding the properties we manage. More importantly we will have a discussion after Jeremy's presentation about the increased labor rates and ways to budget and manage the increases in both the public and private sector. It will be interesting to find out how well prepared our industry is at the moment after the well-informed labor increases were announced three years ago. Even more interesting is whether or not our industry is prepared for these labor

increases in conjunction with the inflationary period we are currently in. It is an interesting topic and will certainly produce some lively conversation. Preliminary attendance numbers are good so we are looking forward to a great day with friends and colleagues in the Tavern Room at the Stockyard.

Our technical school project which introduces opportunities in our industry to many technical school students across the region, is also in motion. Our pilot program includes an in person presentation by a Superintendent and an Industry Representative. It is supplemented by three related videos describing what we do. The videos were produced by GCSANE, Finch Services (John Deere) and Turf Products Corporation (Toro) and are designed to be utilized effectively in this manner. The presentation takes about 45 minutes before questions and answers and we are looking for volunteers to help out. If you know a school in your area that you would be interested in presenting at, please reach out.

Finally, we are moving closer and closer to our 100th Year Celebration as an Association! According to some, we are the oldest Association in the country however, it seems we were beaten out by several months for that title from an association in the Midwest. Nonetheless, the planning has begun for a milestone that doesn't happen everyday. For me, it makes me think about the difficulties our predecessors faced without the advantages of today's technology. I'm sure it's the same in every industry but take a minute to listen carefully to

(Continued on next page)

President's Message (cont)

some of the stories, be it folklore or not. As planning continues for our 100th anniversary, several ideas have come up that will require the advice and opinions of some of those very same predecessors mentioned above. So, we will summon the advice of the Past Presidents at The Annual Meeting to help contribute towards creating a lasting event.

I hope this message finds you well and that the Holiday Season allows for some down time with friends and family. As always, please reach out with any questions or concerns.

Best Regards,
Brian Skinner, GCSANE President

Greg Cormier's Wellness Corner

3 Ways Exercise Benefits Your Mental Health

When you work your body, you boost your mind in three essential ways.

Cognition

A new report from researchers at the University of Basel in Switzerland and the University of Tsukuba in Japan has found that coordinated and challenging sports with fellow players, like tennis or soccer, have a greater effect on cognitive abilities than solo fitness activities. The report analyzed 80 studies covering various types and aspects of exercise-including strength training, endurance training, and exercise intensity-and how they impact cognitive performance. While all types of exercise were found to increase cognitive abilities, the greatest benefit came from sports that combined complex sets of movements and interaction with other players. Increased benefit came in the form of growth of new brain cells and neural connections in the frontal lobe.

University of Basel researcher Sebastian Ludyga, PhD, who cowrote the report, says that partner sports are particularly valuable to cognition because they force our brains to react quickly under pressure to «the somewhat unpredictable movements of our teammates or opponents.»

The report refuted the idea that the more exercise you do, the more mentally fit you'll become. According to the findings, the type of exercise is more important for cognitive improvement than its frequency or duration.

Memory

Aerobic exercise in particular plays a big role in your memory, says Wendy Suzuki, PhD, professor of neural science and psychology at New York University's Center for Neural Science. «When you exercise, your body pumps out a wide range of neurochemicals,

including growth factors that stimulate the birth of brand-new brain cells in the hippocampus. That's the area of the brain that's critical for storing long-term memories,» she says. «I use that as my personal motivation to keep working out every day.»

A recent study published in the Journal of Alzheimer's Disease found a 47 percent improvement in memory scores among the group who did aerobic exercise for a year versus those who only did stretching exercises. Aerobics were shown to increase blood flow to the hippocampus, which may help protect against memory loss for those at risk of dementia or Alzheimer's disease.

Mood

Just a single session of exercise can improve your mood, Suzuki says. Each time we exercise, it encourages our brain to release chemicals like serotonin (which regulates mood, sleep, and hunger) and our natural mood lifters, endorphins. A 2019 study published in Preventive Medicine found that people who did strength training or aerobic activities like walking, running, and cycling reported fewer depressive symptoms. Research also shows that exercise can improve the quality and length of sleep, which is important for mental health and mood. Cumulative exercise can even permanently change the structure and function of our brains for the better, Suzuki says.

«The good news is that we can do an easy form of self-experimentation to decide which type of movement puts us in the best mood,» she says. «For some, it will be dancing to a favorite song in the living room; for others, it will be a five-mile run in nature.»

**Northeast Golf & Turf Supply**
a division of Northeast Nursery, Inc. - Est. 1982

Exclusive Distributor for Rain Bird Golf
MA, NH, VT, ME and RI
RAIN BIRD



PRODUCT CATEGORIES

- Granular Fertilizers
- Control Products
- Turfgrass Seed
- Specialty Nutrients
- Soil Conditioners
- Golf Course Accessories

**NORTHEAST
TURF & IRRIGATION SUPPLY**
Dennis Port, MA

**NORTHEAST
CONTRACTOR CENTER**
Peabody, MA

**NORTHEAST
TURF & IRRIGATION SUPPLY**
Londonderry, NH

Learn more about our products and services at: www.northeastnursery.com

Divot Drift

WELCOME NEW MEMBER

Dylan Deotte, Assistant Superintendent,
Tatnuck Country Club

CONGRATULATIONS TO

Adam Bennett, Superintendent,
Marlborough CC, formerly Grounds Superintendent
at The Country Club

Jason Paradise, Superintendent,
Tree House Brewery Golf Course, formerly
Superintendent at Cyprian Keyes and Clark
University

Greg Cormier, CGCS,
on his recent recertification

THERE'S MORE THAN ONE WAY TO BOOST YOUR TURF'S DEFENSE.

For more information, contact:
Melissa Gugliotti
860-221-5712
melissa.gugliotti@syngenta.com

John Bresnahan
413-333-9914
john.bresnahan@syngenta.com

Visit GreenCastOnline.com



Daconil Action™
Fungicide
Drought Stress Tolerance



Heritage Action™
Fungicide
Drought Stress Tolerance
Greens Height Cut Turf
14-day spray interval, July 2015



Untreated Control



Daconil Action™



Insignia® Intrinsic®
0.7 fl oz / 1,000 ft²



Heritage Action™
0.4 oz / 1,000 ft²



©2020 Syngenta. Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your state or local extension service to ensure registration status. Syngenta supports a FIFRA Section 2(e) recommendation for use of Daconil Action for suppression of Pythium Blight and Bacterial Wilt on both Group A and Group B Turf as listed on the federal label. Please see the Section 2(e) Recommendation to confirm that the recommendation is applicable in your state. The trademarks displayed or otherwise used herein are the property of a Syngenta Group Company. All other trademarks are the property of their respective owners.

Back Issues!



Past issues of the NEWSLETTER are available
using this link: <http://bit.ly/GCSANEnewsletters>.

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.

GCSANE Offers Website Banner advertising at www.gcsane.org



The price is \$500 for one year which will be re-occurring annually from your first billing unless otherwise specified.

For more information, please contact
Don Hearn at 774-430-9040 or
donhearn@gcsane.org

November - December 2022



Thoughts From Your Executive Director *by Don Hearn*



From left: Nicholas Khoury, IANE; Karen Connelly, GIA; Ted Wales, MALCP; Richard Bradley, NALP, MALCP; Don Hearn and Nick Burchard, GCSANE; Bob Mann, NALP; Steve Boksanski, BCB Govt. Relations; Russell Holman, MAA.

The Green Industry Alliance (GIA) met recently to review the legislative and regulatory issues that have been monitored by our legislative agents Steve Boksanski and Warren Lent from the firm of BCB Government Relations. The upcoming legislative calendar and local bylaw activity dealing with pesticide applications and fertilizer applications were discussed. Water Management Act regulations, irrigation system interruption device (rain shut off device) regulations and other industry related issues were discussed. We have to be constantly alert to those who try to make changes to environmental regulations because it makes them feel good. Changes should be sensible, practical and based on facts.



from left: Mike Luccini, Rich Gagnon, Bob Dembek, Brian Skinner, Ben Bouchard, Dan Vetere, Eric Richardson, David Stowe (photo by Shaun Barry)

The annual Met Team Championship, hosted by the Metropolitan New York Superintendents Association was held at Lehigh Country Club in Allentown, PA. The winning team was from the Long Island GCSA. It was a rain shortened event and only 9 holes were counted for scoring. Though the rain made the course too wet for play, all had a good time and enjoyed the company of others from the various superintendent Associations.

The following is a release from the event organizers.

The Long Island GCSA wins 2022 Met Area Team Championship at Lehigh Country Club

For the first time since the MET Area Team Championship was expanded to 15 different associations 19 years ago, the team from Long Island wins The MET Area Team Championship! John Chassard hosted this year's event at the famed William Flynn Lehigh Country Club in Allentown, PA.

John was a great host this year, having to deal with our largest field of 136 players and all 15 chapters that made the trek to eastern Pennsylvania, along with some untimely rain during the middle of the round that dumped over an inch in a short amount of time. Unfortunately, by the time the rain stopped, and the course became playable again, we ran out of daylight to finish the 18-hole championship, so we had to cut this year's event to a 9-hole shoot out!

No matter! John had Lehigh in tremendous condition with greens smooth and fast and fairways pure and tight! Perennial competitors are familiar with the MET Team Championship's challenging, yet fair setups and Lehigh was no different! William Flynn created a gem in the rolling hills of Lehigh Valley with dramatic topography and changes in elevation, with great green complexes that demand good shots!



from left: Steve Sheridan, Golf Professional; Rich Gagnon, Superintendent; Ron Rice, General Manager; Peter Verrier, Green Chairman

The last golf event of the year took place November 7 at Meadow Brook Golf Club in Reading, MA. Our host, Rich Gagnon, had the course spiffed as for a "major event." Rich credits his team for the great work they did for this event as well as for what they had done for the entire season. Everyone at the club made us feel welcome and were a pleasure to work with. Thank you Meadow Brook Golf Club!

Low gross went to Rich Gagnon, Peter Verrier, Ron Rice and Steve Sheridan. Low net to Lou Bettencourt, Jeff Brooks, Kevin Doyle, and David Stowe. Closest to the hole was Ron Rice.

Thoughts (continued)

John Chassard has been at Lehigh for 39 years now and over the recent years has done a ton of tree work and also did a bunker restoration and some approach expansions with Ron Forse Design. Flynn designed some great par 4's at Lehigh allowing players to use every club in the bag and challenge all types of angles off the tees. The par 3's at Lehigh can make or break your round and it seems like they were the deciding factor this year, with 4 holes of varying lengths and shot selections!

The rain shortened event did not dampen spirits of anyone playing in this year's tournament and all are asking when we can go back and compete on the rest of the course! It's in the works my friends!

Long Island was the only team that had all 4 teams shoot even par or better! Led by one of the low net scores of the day, Ken Lochridge and Daniel Wolf shot -2, followed by the second lowest gross team of the day at -1, Shamus O'Connor and Tom Weinert. Rounding out the team, both with even par scores were Shawn O'Sullivan and Luke Knutson on the gross side and Jon Semmig and Graig Patti on the net side.

Coming in 2nd place was the Pocono Turfgrass Team with the day's best gross score of -2 by Brad Helcoski and Jim Lanza and the best net score of -3 from Les Lear and Duane Schell. Teammates John Polak and Ron Garrison also had a red number on the net side at -1 with Steve Dosialk and Tom Height rounding off the gross side of the team. Just one shot back in third place at +1 was the team from Hudson Valley and rounding out the top 4 was the newly combined team GCSA of New York at +3. Defending team Philadelphia edged out Connecticut in the tiebreaker at +4.

With the rain-shortened event, we decided to raffle off the skill prizes, because half the field had not played all the holes. After hearing the tragic news of Chris Strehl's untimely passing of his son Jack, it was unanimously decided to pass along all skins money and 50/50 money to Chris's family to support them in this time of need. Please keep Chris and his family in your thoughts and prayers during this difficult time.

Once again, the Met Area Team Championship is generously supported by our 7 major sponsors who continue to step up to make this one of the best events across the country! Please join me in thanking Allied Nutrients, BASF, Bayer, Ocean Organics, Plant Food, Syngenta and Toro as they continue to support this fantastic event.

Thanks again to all our sponsors, John Chassard and his entire staff, and all the folks at Lehigh CC for another successful championship! A special thank you to our local GCSAA representative Kevin Doyle and Kristen Liebsch from the Philly Association for help with registration and our resident photographer Shaun Barry for the great photos that can be found at <https://flic.kr/s/aHBqjAbPss>. We look forward to seeing everyone next year, so stay tuned for announcements over the winter!

Note: Please save the date for the Nor'easter Ski Day at Killington Mountain on March 2nd, 2023!! Housing information soon to follow.



From left to right: Hunter Mott, Ryan Boudreau, Colby Major, Andrew Stem (missing - Mark Mello, had to leave early)

The Assistants (Now Assistant/Equipment Manager) Tournament has been an annual event for a little over 15 years now. The idea of having an event specifically for Assistants was spearheaded by Pat Daly, CGCS at Framingham Country Club. Pat spent part of his career as an Assistant in the MET area which had a similar annual event and he wanted to bring the same idea to the New England Association.

This year's event marked the first in which our newly formed Assistant committee had a role in the planning and organization of the event. Kevin Banks, Superintendent at Vineyard Golf Club, did not waste any time expressing his interest in hosting this year's event. Kevin has been a huge advocate for Assistant Superintendents and their growth and development. Kevin's hands-on support played a major role in the success of this event. When we began planning, we wanted to emphasize creating value for Assistants and the people and businesses that support the event. The way we decided to do this was to pair Affiliate members with Assistants in each group to create an opportunity to build relationships with others in the industry. Networking, no matter the industry, has been proven to be one of the key factors in a person's success in their chosen career path as well as the growth and success of a business.

As many of you may know, Vineyard Golf Club is located on the Massachusetts island Martha's Vineyard. When the golf course was proposed for construction, approval was granted with the requirements that the golf course is maintained organically. Before visiting this past October, I have heard from many how

Thoughts (continued)

exceptionally the golf course is maintained. Despite the added challenge of the limited number of products to use on the golf course, Kevin and his staff had the place looking amazing. I am certain I can speak for everyone who attended how big of a treat it was to come and enjoy this very special property. The whole experience from taking the ferry over to the island, being greeted by the Vineyard Golf Club staff, meeting and reconnecting with people in the industry, and playing this one-of-a-kind golf course made for a memorable day.

The amount of support we received from our Affiliate Members and Friends of the Association was remarkable. Not only did the support help make this event special, but it also will allow our committee to create valuable events for Assistants in the future. Our committee is extremely grateful for the support from our Affiliate members, Friends of the Association, Board Members (especially Don Hearn, Bob Dembek, and Eric Richardson), Kevin Banks and all of the staff and its members at Vineyard Golf Club.

Thank you to the companies and individuals who supported the event.

Atlantic Golf and Turf
BASF
Colonial DryJect & Turf Services
Eric Richardson
Farm Neck Golf Club
Finch Services
Five Star Golf Cars and Utility Vehicles
Harrell's
Hart's Pro Turf
Helena Agri-Enterprises
Hunter Industries
Lazaro's Golf Course Supplies
Country Club Enterprises
Northeast Golf & Turf
Read Custom Soils
Tom Irwin, Inc
TORO
Turf Products
USGA
Winfield United



**WINFIELD
UNITED**
Professional

HELPING YOU WIN.

SERVICE. SOLUTIONS. INSIGHTS.

When it comes to your course, you need a partner that's consistent. Count on us for the right products and technical insights you need to help your business thrive.

**CONTACT YOUR WINFIELD UNITED REPRESENTATIVE TODAY
TO LEARN HOW WE CAN HELP YOU WIN.**

TIM HANRAHAN

THanrahan@landolakes.com
978-815-9810

JAY POPKO

JPopko@landolakes.com
413-454-3847

TOM LLOYD

TLloyd@landolakes.com
603-496-9515

CHRIS LEONARD

CLeonard1@landolakes.com
339-793-0727

Andersons • Aquatrols • Bayer • BASF • Civitas • Corteva • FMC
Griggs • Nufarm • PBI Gordon • Quali Pro • Syngenta

winfieldunitedpro.com | [@winfieldpro](https://twitter.com/winfieldpro)

Thoughts *(continued)*

The Assistants Committee chaired by Ryan Boudreau, Framingham Country Club; included Colby Major, Kittansett Club; Mark Mello, Vesper Country Club; Hunter Mott, Essex County Club and Andrew Stem, Vineyard Golf Club. All contributed to the success of the event.

Our sincere gratitude to Kevin Banks, Superintendent of the Vineyard Golf Club who made sure all had a great time during and after play. The club staff who contributed included Ross Jones, Clubhouse Manager; Anthony Rabeni, Executive Chef; Eri Seguin, Golf Professional and our very special thanks to Jason Benko, Caddie Master for his attention and caring to make sure all went without a hitch the entire day.



Cape Cod GCSA leading with 268 stableford points		
POS.	TEAM	STABLEFORD POINTS
1	Cape Cod GCSA	268
2	New England GCSA	250
3	Rhode Island GCSA	243
4	Connecticut GCSA	242
5	New Hampshire GCSA	216
6	Vermont GCSA	213
7	Maine GCSA	188

This year's New England Superintendents Championship, played at Portsmouth Country Club, was won by the Cape Cod GCSA and New England placed second. Results of all the teams are shown above. Congratulations to the Cape and all the Associations for rounds played well.



From left: Frank Dully, John Eggleston, Connor Kuehl, Peter Doherty

The NEPGA Pro-Superintendent Championship took place October 17 at the Atkinson Resort and Country Club in Atkinson, NH. The event was won by The Brattleboro Country Club team of Michael Zaranek, PGA and Dave Evans. They carded the low round of the day in the team gross division, with an impressive eight-under, 64. The course was in great condition and Connor Kuehl and his team had the course ready for those who enjoyed the day playing with important people in our industry.



BEALS + THOMAS

November - December 2022



Money Isn't Everything *by Cassidy Gladieux*

The following article appeared in a recent issue of Golf Course Industry Magazine and features a member of the GCSA of New England – Lianne Larson.



White Cliffs Country Club superintendent Lianne Larson switched career paths 35 years ago and never looked back.

Lianne Larson starts nearly every work day as a golf course superintendent between 3 and 4 a.m. Depending on which house she stays at, she either has a 1-hour, 20-minute commute to work, or a two-minute commute after letting her dog out and making her own breakfast.

Arriving at 5 a.m. with her dog by her side, she will work tirelessly on the 18-hole private course that is White Cliffs Country Club in Plymouth, Massachusetts — the same course she has worked at for the last 26 years. Her evenings will vary, but she ends the day around 8 or 9 p.m. to ensure she gets enough sleep for the never-ending job that is a superintendent.

This daily routine is a stark contrast to the one Larson had over 35 years ago as a financial analyst.

"It just wasn't for me," she says. "It was just too confined, and I didn't like being in an office all day long." After 10 months, Larson switched career paths, conveniently forgetting to mention it at the time to her mother.

"I actually didn't tell anybody," she says. "I just kind of did it and my mother drove by the course that I was working at and said, 'Did I see you at St. Mark's with a string trimmer in your hand?' and I was like, 'Oh, did I forget to tell ya?'"

Her journey to switching career paths wasn't a smooth transition, however. Her longtime friend and former colleague Jeff Carlson tells the story of how Larson faced discrimination when job hunting.

"She applied at various times for superintendent jobs, as we all do to move up the ladder," he says. "Various what we would consider 'higher-end' jobs came up — private clubs in the area — and she would send in her resume, she would answer questions, and often-times, she would get an interview.

"One of the ways she got an interview was how she filled out the application. She would fill out her name as 'Lee A. Larson' and I know for a fact, because she told me, that she went to an interview where she was positive that the entire committee thought she was going to be a man. Instead of getting really upset about it — disappointed? I'm sure she was. Upset and bitter? Nope. And I was really impressed with that. And I was really irritated because I always felt she was a superintendent who could have had some really interesting opportunities that just didn't pan out, and I think some of the reason is because she was a woman.

"But then she went to White Cliffs. She turned White Cliffs completely around. She was and still is holding a very high standard of maintenance on the courses that she oversees."

Superintendent Lianne Larson and team are responsible for maintaining 18-hole White Cliffs Country Club in Plymouth, Massachusetts.



© courtesy of white cliffs country club (2)

While Larson had to prove herself in more ways than one, her finance background continues to set her apart.

"She was an anomaly in our area because she could grow grass and she could manage, and manage really well," Carlson says. "She could take a budget and present it, she could figure it out, make it work, balance it, and present it really well to the board. A lot of us at the time, that wasn't considered our strongest suit. We were more or less judged on what kind of condition the golf course was

in. Over the last 30 years, I'm not the only one who has gone on to not only admire her but to lean on her for help in managing golf courses. She's really good at it.

"I know a lot of superintendents in the area kind of took advantage of that really. We're indebted to her for help in that area."

Larson has many notable achievements to back up these praises, such as being president of the GCSA of Cape Cod, but feels she is most fortunate to simply have a successful career in the industry. Throughout the years, her position has grown immensely in responsibility.

"The job has become far more professional than it was back then," Larson says. "We are maintaining turf at heights that, 35 years ago, I never would have thought possible. The invention of moisture meters and the computerized irrigation systems — there's so much that has taken place that makes this job more professional, more advanced. But also, expectations are higher than they were back then."

Larson continues to meet and exceed those expectations at White Cliffs.

"Her position has evolved from the superintendent to kind of — not general manager, they have one of those — but like a director of operations," Carlson says. "All the capital expense stuff goes through her now and she takes charge of that. Her job has expanded, and responsibilities have expanded at White Cliffs, and I know that they really rely on her. I would not want to be the superintendent that follows her when she decides to move on or retire."

"Any longtime members of White Cliffs would say the condition of the golf course, the condition of the operation, the professional way that it is operated, has gone way up in the time she has been there. I'm sure a lot of those people don't know anyone else, so their expectations are high but anyone who has been there since before she got there, I'm sure, would have a lot to say about that."

Larson isn't the only one responsible for keeping the course in shape, though. Across all six departments she manages, she confidently leads a team of about 35 to 50 people through routines and obstacles that may arise.

"I'm very fortunate that my two golf course assistants, Ross Riberdy and Mike Baptiste, have been with me for a long time," she says. "They know the course, they understand that my job is always changing every day. They're really the backbone of my operation. And then I also have a landscape manager who once was a golf course superintendent, he's another big part. They keep the teams running so that I can keep it running from my end."

"I have great support within the club, my general manager is very supportive and understanding. The people that we have are good

people, people who care and hardworking people."

One of the obstacles the team encountered came in 2017, when a major storm racked up millions of dollars' worth of damage. It wasn't the first or last storm the course would see, and Larson is known by other area superintendents as the "Duchess of Doom" for her weather forecasts.

"If you called up Lianne and it had been raining at your property, she will have had at least an inch more," Carlson says. "If it was dry, you wouldn't believe how much drier it was at White Cliffs. If it snowed that day and we had 6 inches of snow, she had at least a foot, if not more."

Showing no signs of slowing down, Larson walks nine holes at White Cliffs every morning with her golden retriever, taking in the sunrise and the breeze on the coastline.

"You have to be happy with what you do," she says, "or life isn't really what it should be."

Cassidy Gladieux is a Kent State University senior and frequent Golf Course Industry contributor.


FIVE STAR
GOLF CARS & UTILITY VEHICLES



CUSHMAN UTILITY VEHICLES A LINEUP YOU CAN COUNT ON

Hauler 800(X)

13.5 hp gas, or 56V AC Lithium
800lb Payload – 600lb Tow Capacity
Consistent Power & Efficiency

Hauler 1200(X)

900 – 1200lb Total Load Capacity 12 cu-ft Cargo Bed
Optional Lifted Suspension

Hauler Pro(X)

3 AC Lithium Options 50 Mile Range
1,200 – 1,500lb Tow Capacity Climb Hills with Ease

Andrew Ingham - 617-780-5482

Andrew@fivestargolfcars.com

REEL SHARP

TURF EQUIPMENT

Over twenty years specializing in golf course equipment.

**Do you have equipment you
are looking to sell?**

**Call/Text/Email Nick
(617) 631-8873
nick@rsturf.com**

www.rsturf.com

100 Clarkson Ave Pittsfield MA

Your New England Connection for
Used Turf Equipment



Tanto ***IRRIGATION***

Your Golf Irrigation Specialist

***Tanto Irrigation has proudly provided
the Golf Course Superintendents of
New England with Irrigation Services
for over 50 years.***

**Let us know how we can serve
Please Contact:**

**Chase Cameron
(203) 233-1482
or
Tim Clarke
(845) 325-3868**

tantoirrigation.com

Show Prep 2023 by Gary Sykes, Executive Director



Even before the floors were swept at the 2022 New England Regional Turfgrass Conference and Show, thoughts, notes and ideas are already projecting forward to what we can do in 2023 to improve the show.

Which speakers should we approach? Which companies were missing and should have been there? What topics will be of interest and needed in 2023? What were any gaffs that we need to correct? How do we avoid lines on Wednesday morning? A lot goes through your mind after our event, and it includes thoughts like: how can we put it all together for next year but do it better? In 2023 our basic footprint will remain the same for March 7-9, 2023. It is planned that we will host (12) 2 & 4 hr. seminars on Tuesday, March 7 with many great topics and instructors. Booth sales have begun, the trade show remains strong and will be open on Wednesday and Thursday for 12 hours over the 2 days. Education for 2023 is locked in with the help of several in the industry, education will be high quality and applicable. Similar tracts are scheduled each day like we did in 2022 with speakers from across the country and with some locals too. It is all gearing up to be another great show and educational experience for everyone who attends and exhibits!

To be a successful turfgrass manager in 2023 your personal education is fundamental and it needs to be a continuing process throughout your career. Having a good broad education base in our business is a real starter, but like so many other industries, if you are not progressing then you are falling behind. The problem is that not only is the turf industry getting more complicated, but it is also that the industry is getting more specialized. Think about what is contained on many of today's golf courses. Under the ground we have an expensive sophisticated irrigation system that has more heads than a lettuce farm being powered by engineered pumps controlled by delicate computer equipment. Systems costing as much as 2 million dollars have been installed giving superintendents pinpoint control of all artificial precipitation. Wires are buried all over the property electronically controlling each head and the pumphouse to boot. Most systems now have handheld control that you can even program at your kitchen table. Now this sounds all well and good until you take a lightning strike the week before your member-guest. You may need a technician trained by dig-safe

who knows where all the wires and pipes are buried and who can chase the electrical failure(s) and replace any burned valves and controllers or other damage. Superintendents were usually expected to be able handle controller failure and repairs, but with so much involved it is much tougher. The title of irrigation technician on southwest golf courses was common but now even in New England individuals are specialized to be at the ready. These individuals need training and support.

How about turf equipment repairs? Forty years ago, many superintendents did all the equipment repair work plus sharpen and service their mower units. It was mostly tractors and gang mowers for roughs and fairways, a tee mower, something to mow banks with, and of course a greens mower or two. Other equipment might include a trap rake, aerifier, top-dresser, sprayer, a few utility carts, and a trim mower. Nothing too complicated, but each piece was essential. Today, courses are expected to be freshly cut and trimmed before the early groups hit the fairways. Now, not only do most courses have multiple fairway units, rough units, green and tee units, and several carts and complicated trucksters, but look closer and this new stuff may include a fleet filled with on board computers, some are considered hybrids equipped with wiring galore, bunches of electric valves and relays to deal with. Equipment costs have more than tripled in the last forty years with equipment that is more complicated than an Apollo Space Capsule. Diagnosing and repairing some of the onboard problems takes trained knowledgeable individuals. Jimmy-rigging is no longer an allowable artform especially with liability issues. To keep up, the equipment techs need education and instruction so not to make a new problem even larger by probing sensitive components incorrectly. I remember the day of having to drag a sophisticated fairway unit off the middle of one of our fairways and onto a trailer not because the engine died, or the hydraulics leaked, or the transmission jammed, but only because the onboard computer had somehow shorted?! I don't believe we need computers to cut grass, but the market allows for it, and so the equipment technicians will, without a doubt, need to be ready for it when "it" happens! Whatever it is? Therefore, training and education will be needed for your personnel and should be looked at as an investment for your facility. This March we will enjoy having Jim Nedin in our Equipment Tech's session making two presentations. Jim has worked in the industry for more than 50

LARCHMONT

SINCE
1949

IRRIGATION • DRAINAGE
PUMPS • LANDSCAPE LIGHTING

years and has seen it all and has taught even more. We have been trying to get Jim for years, and we are glad to have him finally here in Providence in 2023. Our industry needs more opportunities for equipment techs, with the quality of speakers the New England Conference has, it truly will be a must attend event.

Annual New England Regional Turfgrass Conference and Show, bring your Crew and be prepared to learn a few things!

Gary Sykes, Executive Director
New England Regional Turfgrass Foundation

So, this brings me back to our show and 2023 show prep. I have learned it is better to embrace technology rather than ignore it. Not that I always want the newest toys, it's more about being as efficient as anyone else out there. In our program this year we have tried to tie many presentations into the theme of "Technology and Turf". There will be presentations focused on new technology available in the industry, artificial turf, and sprayers technology, electrical troubleshooting, and of course new agricultural products with the idea that by keeping up with technology, you will keep up with the demands of your position. Our annual show was formed not just to make money for turfgrass research, but to also educate members of the turfgrass industry so that you might have a leg up on the competition and be favored in the eyes of those that gave you the position to begin with. These are some of the great reasons to attend the New England Regional Turfgrass Conference and Show in Providence on March 7-9, 2023! Our postcard is on the way, and our brochure will be sure to follow soon after. Our online registration will begin Monday, December 19. Remember we are a Turfgrass Conference and Show, we have education centered on Golf, Sports and Grounds, Lawn Care and Landscapes and Turfgrass Equipment Technicians too! So, come to the 26th

SOIL SOLUTIONS *for* ALL YOUR COURSE NEEDS



USGA TOPDRESSING SAND • LINKS GRADE BUNKER SAND • ROOTZONE BLENDS
CUSTOM DIVOT MIX • CART PATH AND TRAIL SOLUTIONS • DRIED TOPDRESSING SAND



Experience. Quality. Consistency.

Why Read Custom Soils?
Experienced SALES AND PRODUCTION TEAM
SUPERIOR *Quality* PRODUCTS
UNMATCHED RELIABILITY AND *Consistency*

Contact Us Today!

SALES@READCUSTOMSOILS.COM

800.924.5335



READCUSTOMSOILS.COM

November - December 2022





With thermometer readings sliding off summer highs and into fall lows, calendars will also change from meeting and event golf season to indoor education season. Chapter education, vendor events, regional conferences, and of course GCSAA Conference and Show in Orlando are being announced and updated almost daily now. As a quick add: Don't miss the NEW interactive

facility Learning Tours in Orlando where hands-on activities will be highlighted! This year's conference offers more opportunities for staff including assistant superintendents, equipment managers and staff members. With our often-understaffed teams, it's critical to arm everyone with the education needed to maximize their skills.

GCSAA, along with so many other education providers, learned how to deliver online education during the pandemic. The online 2021 conference and show was the first opportunity your association took to target education for maintenance team members outside of superintendents and assistants. The resulting feedback was excellent! The ease of use regarding the online platform and level appropriate information were noted by many members. The more eyes that are trained to alert of potential issues, the better.

Equipment manager (EM) education and resources continue to grow. More local associations are building education days specifically for member EMs. Add in the long-time running, full-day agenda offered at the New England Regional Turfgrass Show in Providence, and there are several resources available in the Northeast Region. Education at the GCSAA Conference and Trade Show continues to be robust and growing, including EM specific receptions developed for connecting EM peers and growing their network. With the GCSAA Equipment Manager Certificate Program and now EM Certification opportunities, the ability to educate, develop, and recognize this critical part of the golf maintenance leadership team is growing in importance and easier than ever to accomplish.

Educating assistant superintendents seems to always have been an integral part of building a successful team. Local and regional resources are widely known and utilized. As a reminder, the GCSAA Assistant Superintendent Certificate Series is a targeted learning opportunity developed by assistants for assistants to offer these up-and-coming professionals the chance to differentiate themselves among their peers. Agronomy, business, leadership and communication, and environmental stewardship education will assist in building the skills needed for success in the future.

There is little doubt that education can be costly, and travel hasn't gotten any cheaper either. Have you had the opportunity to discuss the value continued education brings to your facility? If any member of your staff can keep one issue or pest problem from

becoming more costly to correct, is that a value? With the supply chain struggling to provide timely parts deliveries (if at all), would a more highly trained and connected EM be in a better situation to develop a fix and get equipment back on the course?

Finding and keeping talented staff is an industry-wide concern. The ability to offer education to your staff at every level can only help in developing your team and benefit your facility. It might take time, funding, and lots of communication with decision makers at your facility to make this important investment in your people. If your staff is valued as the asset they deserve to be, educational opportunities will bring both tangible returns to the club and your team. A true win-win situation.

GCSAA Resources and Deadlines you Get Cool Stuff from your Association Already

2023 GCSAA Conference & Show Highlights

4 action-packed, interactive days for superintendents to discover, learn, test, demo, connect and grow. Don't miss all the ways the GCSAA Conference and Trade Show can cultivate your career. See the [full schedule](#) for more details on events.

[HEALTH IN ACTION 5K](#) to benefit the GCSAA Foundation.

[SILENT AUCTION](#) great deals for a good cause.

[GCSAA ANNUAL MEETING](#) be there Thursday morning.

Member needs survey

Help shape the future of your association

Check your inbox for the link to your Member Needs Survey. The responses to your survey does indeed drive decisions regarding GCSAA initiatives and resources. Reach out to Greg Stacey (gstacey@gcsaa.org) if you need a personalized link to your survey.

UPCOMING Education

[Effects of Cultivation, Topdressing and PGR Use on Annual Bluegrass Putting Greens](#)

[Alec Kowalewski, Ph.D.](#)

[Dec. 15 @ 2 p.m.](#)

2023

[Working with Water](#)

[Kelly Kopp, Ph.D.](#)

[Jan. 12 @ 10 a.m.](#)

[Fine Tuning Monitoring and Sampling Techniques for the Annual Bluegrass Weevil](#)

[Albrecht Koppenhofer, Ph.D.](#)

[Jan. 26 @ 10 a.m.](#)

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

Kevin Doyle

GCSAA Field Staff

kdoyle@gcsaa.org

Follow me on Twitter @GCSAA_NE



The work you do

plays a vital role in the health and well-being of your guests and the community. We offer you a network of caring professionals with innovative solutions created to help you succeed.

With Tom Irwin, you're not alone.



.....
Chris Cyr | 774-279-4392 | chriscyr@tomirwin.com

November - December 2022



2022 Chapter Delegates Meeting **October 25-27, 2022**



Key Messages

remove

This year the GCSA of New England was represented by Mike Murphy who participated with delegates from all parts of the country.

Delegates from the Golf Course Superintendents Association of America (GCSAA) met in person during a two-day event at GCSAA Headquarters in Lawrence, Kan., as well as the KCI Airport Hilton Hotel on October 25-26, 2022.

The meeting brings delegates together from GCSAA's 97 chapters to discuss initiatives, provide insight on moving the association forward and to begin discussions on electing board members and officers at the February 2023 annual meeting.

First-day highlights included updates and information from CEO Rhett Evans on "leading out together." Delegates were asked to encourage participation and engagement from their staff and colleagues.

A government affairs update was provided, recognizing GCSAA members and their efforts across the country. Delegates also received an update on the Conference and Trade Show. The 2023 show in Orlando will be an interactive experience, with facility learning tours, an interactive grass stage and a new Send Off Celebration to

conclude activities Thursday.

Delegates met at headquarters in Lawrence on day two. Discussion included various department leader updates, including information from the GCSAA Foundation and progress with the implementation of facility Best Management Practices.

A report on the new chapter affiliation agreement was discussed. Chapters have been asked to add an equipment manager membership classification. Adding this category at the local level allows promotion at all levels and reflects opportunities for professional development among the members.

Delegates also heard about the importance of branding, using the GCSAA-affiliated chapter logo to connect the industry and working together.

A bylaws change to GCSAA's Benevolence Fund was also discussed. This change will update the bylaws to align with current management practices within the fund.

A member dues discussion also took place. GCSAA follows a dues adjustment process created in 2006 from input and approval from chapter delegates. With the recent rise of inflation, delegates were asked to consider a dues adjustment for 2023, following an adjustment in 2022. Normally, the adjustment is considered every two years. The process is tied to the Consumer Price Index (CPI) and equates to smaller and more frequent adjustments in dues rather than infrequent, but larger adjustments. This year's proposal is the following:

- 7.9% adjustment in CPI in 2022
- \$35 adjustment for A and B (\$465) and \$20 adjustment for C (\$240)
- Approval rates for dues adjustments using this process has ranged from 87% - 96%

The GCSAA Board of Directors will consider delegate feedback as they discuss the proposal. Delegates are encouraged to communicate the proposed dues adjustment with their membership and provide chapter feedback to GCSAA.

The delegates offered their thoughts on a variety of industry issues during breakout sessions. Questions on labor, professional development and best management practices were of focus.

Wednesday's town hall session allowed delegates the chance to ask questions of the GCSAA Board. The interactive session focused on processes with the annual meeting and allowed further discussion on items discussed during the two-day event. Candidate breakout sessions concluded activities. The delegates were awarded ample time to interact and ask questions of the candidates. Those running for the GCSAA Board in 2023 are:

- For President – Kevin P. Breen, CGCS
- For Vice President – Jeff L. White, CGCS Kevin P. Sunderman, CGCS
- For Secretary/Treasurer – T.A. Barker, CGCS; Paul L. Carter, CGCS
- For Director (electing three) – H. Scott Griffith, CGCS; Steven J. Hammon; Ryan S. Kraushofer, CGCS; Christopher A. Reverie; Jennifer L. Torres; Michael L. Upchurch; Richard A. Wit, CGCS

There are three two-year director positions available. Mr. Barker and Mr. Carter are both at the end of their two-year term. Whoever is not elected Secretary/Treasurer will need to run off the floor for Director.

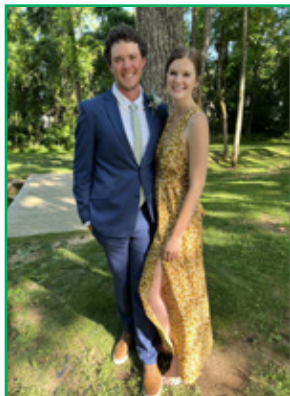
With former vice-president Kevin Sunderman, CGCS, leaving Vice President post and superintendent position to become GCSAA's Chief Operating Officer, Breen will seek a 2nd term as president.

Delegates were also asked to discuss a possible bylaws change allowing immediate past president Mark F. Jordan, CGCS, to continue in that position for a second year.

GCSAA's Annual Meeting will take place Thursday, February 9, 2023, from 9-11 a.m. at the Orlando Convention Center.

Assistant Superintendent Spotlight Andrew Stern, Vineyard Golf Club

By Hunter Mott, Assistant Superintendent Essex County Club



For our first Assistant Superintendent Spotlight, the Assistant's Committee ~~are~~ ^{is} pleased to highlight one of our own committee members, Andrew Stern of Vineyard Golf Club.

Andrew has been an assistant at Vineyard Golf Club for 5 years, and was recently host to our most recent Assistant/ Equipment Manager Tournament. His first taste of the golf course industry started during the first summer break of college at Old Fort Golf Club in Murfreesboro, Tennessee

for two summers. Andrew furthered his career at Valleybrook Golf and Country Club as a full time employee and interned during his final year of the Turf Management program at Chattanooga State. Starting as a post graduate intern in 2018 at Vineyard Golf Club, he has moved up the ranks to his current position at Vineyard Golf Club.

When he's not on the course, Andrew enjoys hiking, golfing, mini golf, disc golf, traveling, and beaching!



Q: Andrew, thanks for being our first highlight for our Assistant Superintendent spotlight series. Tell us what got you into the profession?

A: I never knew this was something that you could turn into a career. I had a great time working in the summer for Old Fort Golf Club in my hometown, and as I was sitting in a history class (while in school for marketing) I looked out the window and saw someone mowing a green across

the parking lot. I immediately opened my laptop and discovered there was a turf management program offered. I went to admissions the next day and changed my major! It was one of the best decisions of my life and I still can't believe it has brought me to where I am today.

Q: Do you have a favorite course you enjoy playing?

A: Definitely Vineyard Golf Club, but I always have to try and get on at the place I started: Old Fort Golf Club back home in Murfreesboro, Tennessee ^{typo}

Q: Do you have a favorite job/task that you like to perform while you're at work?

A: That's a tough one. I really can't pick a favorite. One of the things I love most about my job is the ability to mix it up and jump on everything.

Q: What would you like to see change within our industry to help promote Assistant Superintendents?

A: Having the Assistant Superintendent Spotlight is a huge help. Additionally, having a Superintendent above you that is supportive



of education, networking and allows you to grow through programs offered through both GCSAA and outside resources is invaluable. I have been extremely fortunate to work under Kevin Banks. He has been behind all of us here learning, growing, and opening doors to networking and educational opportunities.

Q: Being an all organic golf course, what are some of the biggest challenges you face and how do you manage them?

A: The biggest challenge I would say is watering. Because we are organic, we have to stay on top of it. We spray and fertilize our course so that it can be the healthiest plant it can be, but watering is our biggest factor. ^{typo}

Q: For those of us that may end up on Martha's Vineyard, what is a can't miss spot to grab a drink or bite to eat?

A: You can't go wrong anywhere you go here. 19 Raw in Edgartown has some of the best food on island. A lobster roll at Larson's Fish Market in Menemsha is second to none. Lookout



Assistant Superintendent Spotlight (continued)



Tavern or anywhere on the Oak Bluffs Harbor is great for drinks throughout the summer.

typo

Q: We've heard renowned architect Gil Hanse will be doing work yet again at VGC, what are some of the biggest changes happening to the golf course?

A: Last year he came in and reshaped our 8th hole as well as adjusted and renovated tees on 2, 3, 8, 9, 11, 14, and 15. He also added new bunkers on 8, 10, 11, and

12. This year, he is coming in to change the Blue/Black tee and walk up from the second green, and add new bunkers to the right side of our 14th hole. We have been gradually changing our bunkers over the past few winters to Better Billy Bunker as well.







Sales - Service - Financing - Support
1-888-708-5296
www.mteequipmentsolutions.com
sales@mte.us.com

Winter Outlook 2022-2023 By Jeremy Reiner

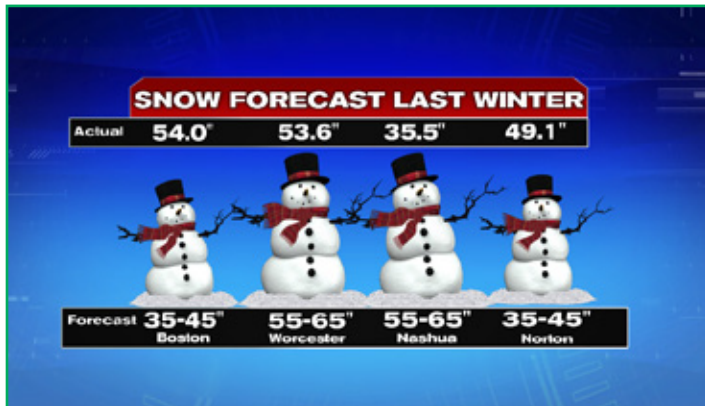
Chief Meteorologist 7 News Boston

Ahh yes, Winter Outlook time...

How much snow are we getting this winter, JR?!

A song as old as rhyme, tale as old as time. Alright, let's get to this beastly blog.

Before looking ahead, a quick review of last winter's outlook, shall we?



Not too shabby, missed pretty low on Nashua and Taunton was much more than my forecast (Temps did finish mild as advertised but most only really care about the snow grade). Fast-forward to the present. Here is what I think our winter will offer:



It'll be another La Nina winter and they typically feature a storm track across New England. In southern New England that can mean an overall mild winter with slightly below normal snowfall. In a typical La Nina, a lot of the cold and snow occurs early in winter rather than late winter.

Understand that a mild winter in New England does not mean golfing and beach days, rather, the mild days will likely outnumber the cold days between December and March (Yes, you can, and still do get Bitter Blasts & Arctic Assaults even within a mild winter).

Also, a storm track like the one shown means Messy Mix type storms are in play (similar to the minor event we just had earlier this week—November 15th). Messy Mix storms tend to limit seasonal snowfall for southern New England, especially for coastal communities. Farther north and inland, western & northern New England, can do quite well with snow so if you like to ski, should be a good for skiing!

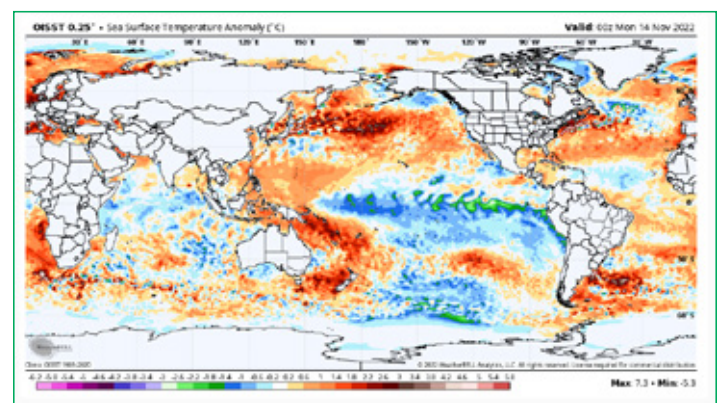


OK, so how did I arrive at this?



Lol, can you imagine?

Like always, I start with the state of the tropical Pacific Ocean temps (El Nino Southern Oscillation or ENSO). We know that the oceans do interact with the atmosphere and so knowing ocean temperature distribution anomalies can give us clues to how the atmosphere will respond.

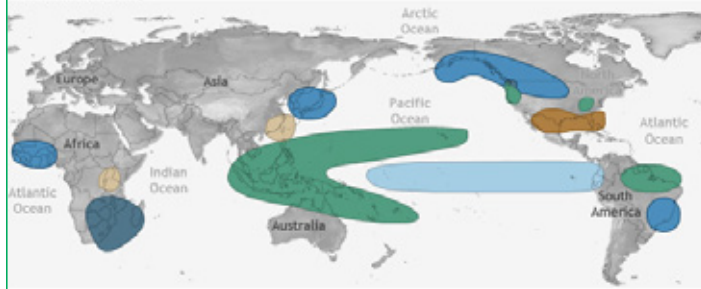


What jumps off the map is a lot of warm colors (yes the oceans are warm these days) but also a noticeable area of cool colors in the equatorial Pacific. That is a signal for La Nina (El Nino's sister). We've touched on this in past Winter Outlooks but here is how La Nina's affect the global winter patterns:

November - December 2022

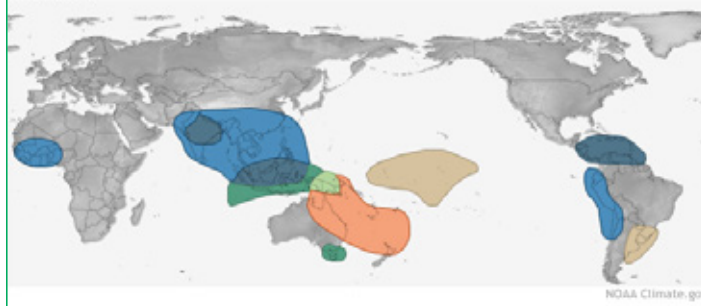
LA NIÑA CLIMATE IMPACTS

December-February



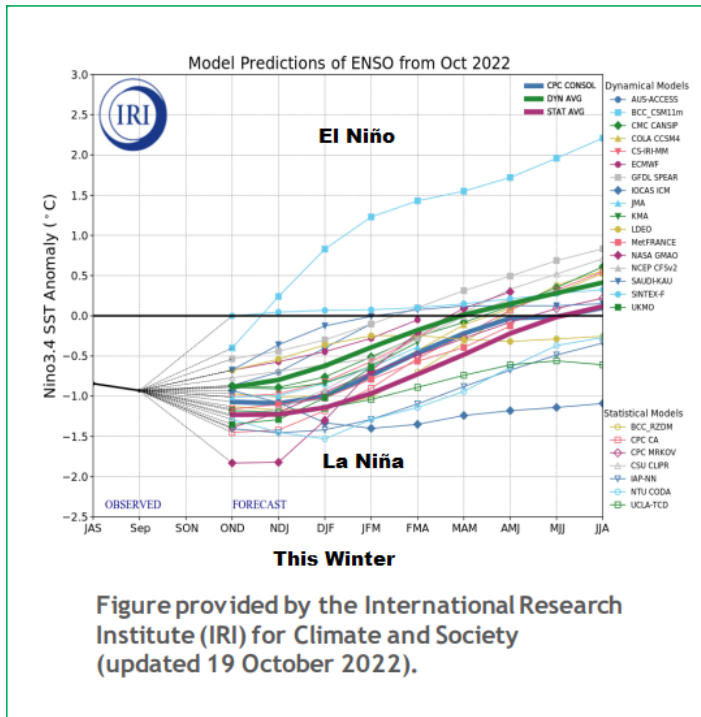
■ Cool ■ Wet ■ Cool and dry ■ Cool and Wet
■ Warm ■ Dry ■ Warm and dry ■ Warm and wet

June-August



NOAA Climate.gov

When looking at this upcoming winter, it looks like we'll hold onto La Nina conditions across the equatorial Pacific throughout winter as shown by the computer models.



A La Niña winter....Nothing we haven't experienced before right? Correct! Sort of. This upcoming winter will be our 3rd consecutive La Niña winter and that is rare territory! Since 1900, there has only been 5 winters like this one..three consecutive La Niña Winters (which I'll reference as a triple-dip La Nina). Those winters were:
 1910/11
 1917/18

1956/57

1975/76

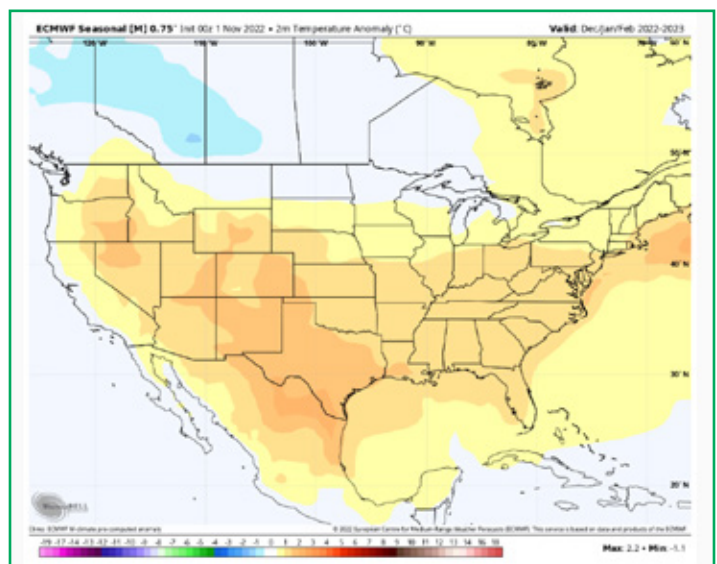
2000/01

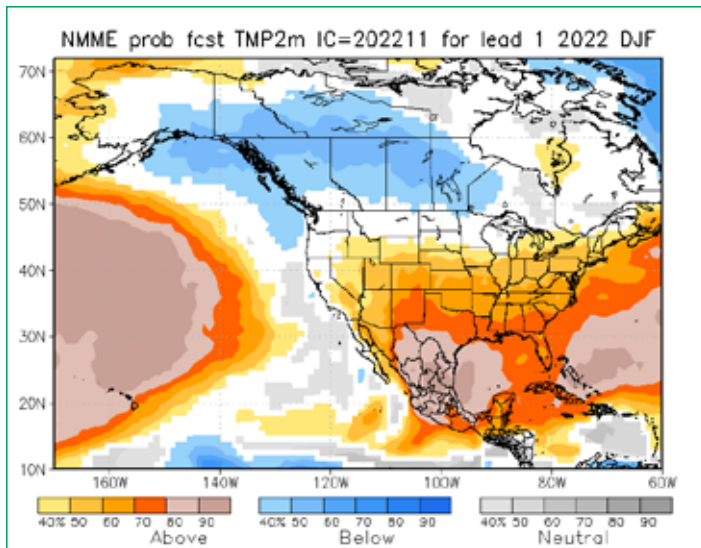
So let's see what those prior triple-dip La Nina's produced for snowfall & temperature (for both Boston and Worcester)

PAST WINTERS BOSTON		
LA NIÑA WINTERS	WINTER TEMPS	WINTER SNOWFALL NORMAL 49"
1910-11	COLD	41"
1917-18	FRIGID	46"
1956-57	SEASONABLE	52"
1975-76	MILD	47"
2000-01	COLD	46"

PAST WINTERS WORCESTER		
LA NIÑA WINTERS	WINTER TEMPS	WINTER SNOWFALL NORMAL 71"
1910-11	COLD	55"
1917-18	FRIGID	78"
1956-57	COLD	66"
1975-76	SEASONABLE	62"
2000-01	COLD	102"

The takeaway from those graphics are for a cold winter and near to slightly below normal snow. OK but lets see what a couple of the computer models say for the winter:

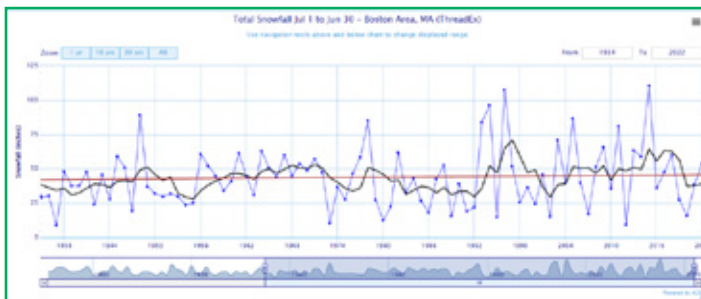




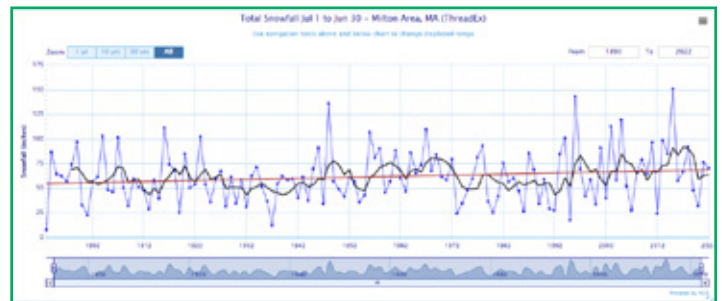
They suggest a mild winter for southern New England (a warm winter for the south—book those winter flights to Florida!). I do think with the globe much warmer now than in the early part of the 20th century you probably have to rely less on the past winters (analogs) and more on the computer models when building a winter outlook as the past winters climate (especially those winters of 1910-11 and 1917-18 winters) are indeed different than today's background climate state. You can certainly see our winters have been warming since the early part of the 20th century by looking at winter temperature data from the Blue Hill observatory:



I chose Blue Hill Observatory rather than Boston because Boston climate data collection site has varied through its early history (since 1872) until finally settling on a constant location (Logan Airport) since 1936. Also, Boston has grown as a city the past 200 years and urbanization of a city (more buildings, parking lots, roads) can skew temperature data upward. Blue Hill hasn't had that happen so the temperature data (rise or fall) would be more atmospherically induced rather than infrastructural induced. Not all is lost snow lovers. When you look at snowfall trends for Blue Hill observatory you also notice an upward trend.



You can see the signal for Boston snow data as well



I think the takeaway from these charts is not to say climate change means more snow every winter but rather, a warmer atmosphere can hold more water and so snowstorms are (currently) capable of producing some really big snow totals even tho we are seeing fewer snowstorms now versus 150 years ago. When it snows nowadays.. it really snows!! That is a wildcard when forecasting a mild winter, that just 2 or three storms can get you pretty close to our seasonal snow average.

And with all that in mind, here is the graphic you've been wanting to see since the opening sentence.....seasonal snow forecast!

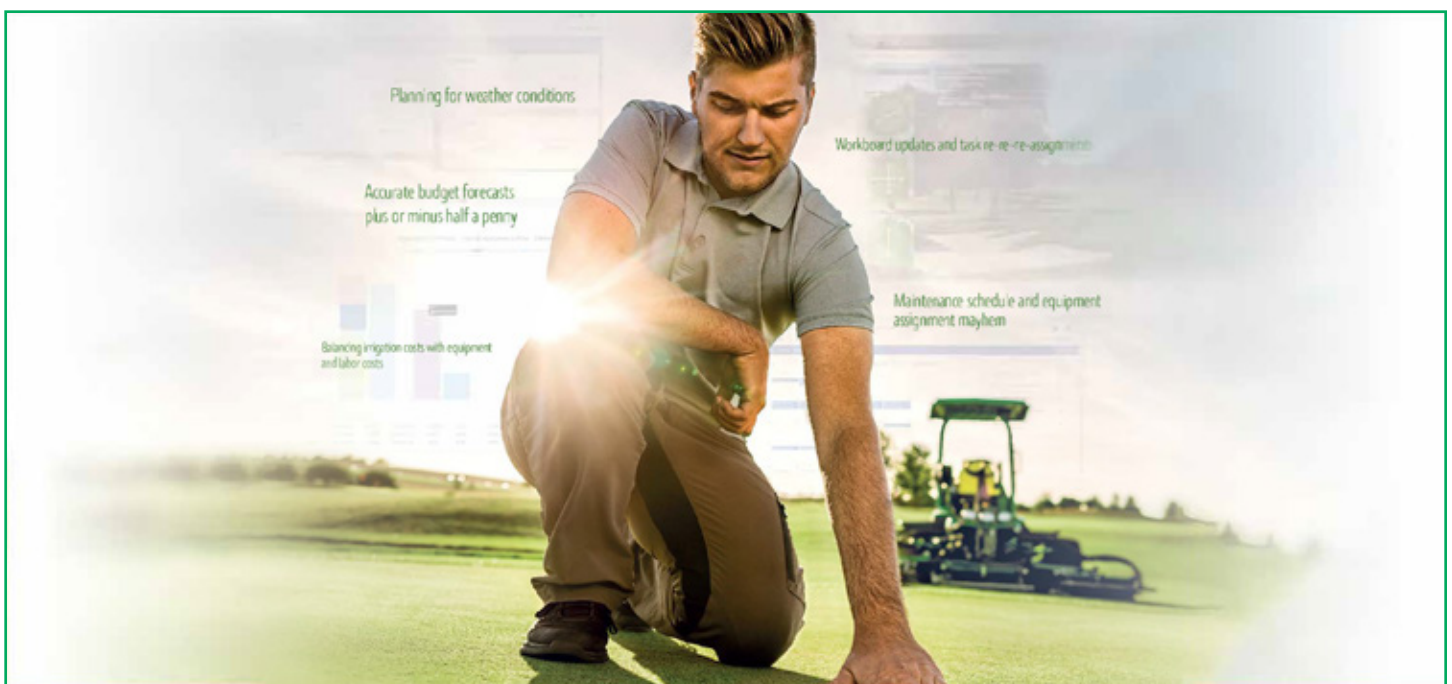


There ya have it! Winter doing winter things once again.

Enjoy the journey, I hope you enjoyed the reading! ;o) -JR

Atlantic

golf & turf



If it's on your mind, it's OnLink.

The John Deere OnLink Golf Course Management Solution can help you see your course more clearly than ever before. Maintenance schedules. Team assignments. Workboard updates. Cost projections. These all can now be viewed and managed in one place. What's on your mind? Link it with John Deere OnLink Golf Course Management Solutions today at JohnDeere.com/Golf.

John Deere, the leaping deer symbol and John Deere's green and yellow trade dress are the trademarks of Deere & Company.

Trusted by the best.

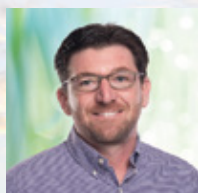


Finch Turf
www.finchturf.com
1-800-78-DEERE

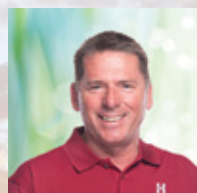


Thank You

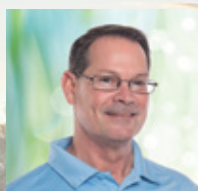
Our success depends on your success.
Thank you for trusting us to be your
Partner for Success.



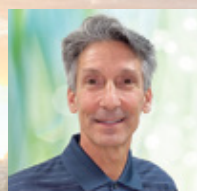
JIM FAVREAU
(978) 227-2785
jfavreau@Harrells.com



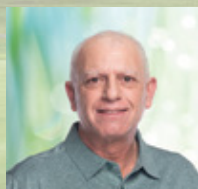
CHARLES BRAMHALL
(508) 400-0600
cbramhall@Harrells.com



JIM COHEN
(978) 337-0222
jcohen@Harrells.com



KENT LEMME
(413) 281-8087
klemme@Harrells.com



MIKE KROIAN
(401) 265-5353
mkroian@Harrells.com



TOM HOFFER
(401) 871-2916
thoffer@Harrells.com



www.harrells.com | 800.282.8007
Employee - Owned

November - December 2022



Since 1970, Turf Products has been providing our valued customers with the knowledge, tools and equipment to protect and preserve the Northeast's most beautiful outdoor environments. We are your single source supplier for turf mowing and maintenance equipment and golf irrigation systems, as well as drainage, pond aeration, lightning detection and much more.



TPC has been selling Toro equipment continuously for over half a century. Together we deliver the most innovative products in the golf industry. Toro products are developed by golf experts for individuals like you who work hard to maintain flawless turf conditions.



***With over 30 commercial-grade attachments,
Ventrac is America's most versatile tractor . . .
built to get work done!***

***Call: (800) 243-4355 or visit us
at: www.turfproductscorp.com***



turf products

SINCE 1970



Please patronize these Friends of the Association

Arborjet / Ecologel, Inc.

Working with Distributors in Plant Health Care by providing turf and tree management solutions to protect the entire golf course. Offering proprietary water technology converting soil moisture vapor into plant usable water droplets. Thus, reducing watering frequency. Offering our line of BioStimulants. Seaweed Supplements and Liquid Fertilizers to help Turf Managers during the stresses of the season.

Thank you!

Sean Belanger – New England Regional Sales Manager
Main: 781.935.970
Fax: 781.935.9080
Cell: 508.523.2499
E-mail: Sbelanger@arborjet.com
99 Blueberry Hill Road • Woburn, MA 01801

www.arborjet.com
www.ecologel.com

Atlantic Golf & Turf

27 Industrial Boulevard
Turners Falls, MA 01376

Specializing in agronomy through the distribution of fertilizer, seed & chemicals throughout New England.

Chris Cowan (413) 530-5040
Paul Jamrog (401) 524-3322
Scott Mackintosh CPAg (774) 551-6083
www.atlanticgolfandturf.com

A-OK Turf Equipment Inc.

1357 Main St.
Coventry, RI 02816-8435

Lastec, Tycrop, Blec, Wiedenmann, Therrien, Graden, Sweep & Fill, Baroness, & used equipment.

Mike Cornicelli (401) 826-2584

www.pavewithbasi.com

BASF Turf & Ornamental

169 Kings Hwy
Hancock, NH 03449

"We don't make the turf. We make it better."

Pete Jacobson (919) 530-9062
peter.jacobson@basf.com

BACKED by BAYER

Building on an already solid foundation of proven products to help you succeed.

Brian Giblin (508) 439-9809
brian.giblin@bayer.com
www.backedbybayer.com

Beals & Thomas, Inc.

144 Turnpike Road
Southborough, MA 01772

32 Court Street
Plymouth, MA 02360

Civil Engineers–Landscape Architects–Land Surveyors–Planners–Environmental Specialists

Sarah Stearns 508-366-0560
sstearns@bealsandthomas.com

Beals & Thomas specializes in golf course site design services including irrigation pond analysis & design, drainage & utility improvements, permitting, hydrogeologic evaluations, construction administration, boundary & topographic surveys, master planning & project design.

The Cardinals, Inc.

166 River Rd., PO Box 520
Unionville, CT 06085

Golf course & landscape supplies.

John Callahan (860) 916-3947
Scott Gabrielson (401) 258-5830

Charles C. Hart Seed Co., Inc.

304 Main St.
Wethersfield, CT 06109

Authorized distributor for Bayer, Syngenta, Grigg Brothers foliar fertilizers, & Aquatrols. Specializing in custom seed blends.

Robin Hayes (508) 237-2642

Corbett Irrigation

Concord, MA

Golf Course GIS as-built and mapping services Integrate into your existing control system map Or Google Earth.

Kyle McNerney (978) 897-9004

[Visit Corbett GIS Mapping](#)

Country Club Enterprises

PO Box 670, 29 Tobey Rd.

W. Wareham, MA 02676

Club Car golf cars, Carryall utility vehicles.

Keith Tortorella (508) 982-4820

Mike Giles (978) 454-5472

DAF Services, Inc.

20 Lawnacre Rd.
Windsor Locks, CT 06096

Custom pumping solutions. Custom pump controls. Complete pump service. Serving all of New England.

Tim Berge, Sales Manager
c (860) 690-1192
o (860) 623-5207 x227
tberge@dafsvecs.com

Finch Turf

Finch Turf is your premier John Deere Golf Distributor in the Northeast.

Bill Rockwell (508) 789-5293
Mark Casey (617) 447-4076
Ryan Lane (978) 758-8671

[Call or visit our website at www.finchturf.com](http://www.finchturf.com)

Five Star Golf Cars & Utility Vehicles

174 Main Street
Buzzards Bay, MA 02532

E-Z GO Golf Cars, Cushman Utility Vehicles

Andrew Ingham (617) 780-5482
Andrew@fivestargolfcars.com
MA Territory

FMC Corporation

Mike Marino, CGCS

Market Specialist – New England and New York Region

2929 Walnut Street
Philadelphia, PA 19104

860-287-3334

mike.marino@fmc.com

Fore The Turf

Proudly representing Floratine Products Group, JRM Inc., and Greenleaf Technologies.

Brian Juneau 781-738-3201
brianjuneau21@yahoo.com

Harrell's LLC

19 Technology Drive
Auburn, MA 01501

Turf & Ornamental supplies.

Chuck Bramhall (508) 400-0600
Jim Cohen (978) 337-0222
Jim Favreau (978) 227-2785
Mike Kroian (401) 265-5353
Kent Lemme (413) 281-8087

Helena Agri-Enterprises

101 Elm Street
Hatfield, MA 01038

National distributors of all your turf chemicals & fertilizers. Extensive line of Helena Branded wetting agents, foliars, micro nutrients & adjuvants.

Jeff Urquhart (781) 571-1164

www.helenaagr.com

Please patronize these Friends of the Association

Hunter Industries

Hunter manufactures comprehensive golf irrigation solutions designed to simplify irrigation. From our Pilot Command Center irrigation management software to the most reliable total top serviceable rotors in the industry to rotary nozzles for bunkers or landscape lighting for the clubhouse, Hunter has a solution for every golf course.

Dave Antunes 401.644.2777

david.antunes@hunterindustries.com

hunterindustries.com/golf

Larchmont Engineering & Irrigation

11 Larchmont Lane
Lexington, MA 02420

Offering a full range of inventory for irrigation drainage, pumps, fountains & landscape lighting products & services for all of your residential & commercial needs.

(781) 862-2550 Susan Tropeano

Lazaro's Golf Course Supplies & Accessories

dba Hammond Paint & Chemical Co., Inc.

738 Main St., Suite 223
Waltham, MA 02154

Complete line for all your of golf course supplies. Par Aide, Standard, Eagle One, turf & ornamentals, aquatics, turf marking paint, safety items, adjuvants.

Joe Lazaro-cell: (617) 285-8670

Fax: (781) 647-0787

Email: jlazaro698@aol.com

www.lazarogolfcoursesusplies.com

Maher Services

71 Concord Street
N. Reading, MA 01864

Well drilling, pump service & well maintenance

Peter Maher cell: (781) 953-8167

or (978) 664-WELL (9355)

Fax (978) 664-9356

www.maherserv.com

Mayer Tree Service

Providing a wide range of tree care from Plant Health Care to tree removal. Mobile wood waste grinding services. Stump grinding. Land clearing. Loam and mulch delivery. Tree pruning to enhance shot value and playability.

Richard Grant (978) 500-8849

rich@mayerertree.com

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

MTE, Inc. Equipment Solutions

115 Franklin Street Extension
Derry, NH 03038

New England's source for equipment: New & pre-owned mowers, tractors, & maintenance items from: Jacobsen, Turfco, Smithco, Ventrac, Redexim, Neary Grinders, Ryan, Buffalo Turbine, Mahindra, Gravely, Standard, Par-Aide & others. Sales, Parts, & Service all brands.

Derry Shop: (603) 404-2286

Sean Smith NE Sales Mgr., (603) 303-4237

Lucas Doucette North Eastern MA/Boston
Cell 617-990-2427 ldoucette@mte.us.com

Aaron Bunn Western MA
Cell 508-825-6639 abunn@mte.us.com

Dana Northrop South Shore/Cape Cod
Cell 978-857-3726 Dnorthrop@mte.us.com

Elliot Leonard Norfolk/Bristol MA
Cell 508-272-0699 eleonard@mte.us.com

Eric Burke NH
Cell 603-212-6395 eburke@mte.us.com

Matt Hunter ME
Cell 207-385-6684 mhunter@mte.us.com

Mungeam Golf Design, Inc.

195 SW Main Street Douglas, MA 01516

Golf course architect

Office: (508) 476-5630

Cell: (508) 873-0103

Email: markamungeam@gmail.com

Contact: Mark A. Mungeam, ASGCA

www.golfdesignconsultant.com

New England Turf Farm, Inc.

P.O. Box 777
West Kingston, RI 02892

Many types of tallgrasses and bentgrass available for golf courses, sports turf and landscapers. Expert installation available.

Office: (800) 451-2900
Ernie Ketchum (508) 364-4428

erniesod@comcast.net
Mike Brown (508) 272-1827

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 & Turf Supply

6 Dearborn Road Peabody, MA 01960

Complete line of Golf Course, Landscape & Lawn Care Construction & Maintenance Supplies

Tom Rowell (978) 317-0673

Jeff Brown (508) 868-8495

Dan Fuller (508) 789-2323

North Shore Hydroseeding

49 North Putnam St.
Danvers, MA 01923

Hydroseeding & erosion control services.

Brian King (978) 762-8737

www.nshydro.com

Nutrien Solutions

Suppliers of Chemicals, Fertilizer, & Grass Seed

(978) 685-3300

Nick Burchard (401) 601-7213

Drew Cummins (401) 952-4219

www.nutrien.com

On-Course Golf Inc., Design/Build

16 Maple Street
Acton, MA 01720

Golf Course Craftsmen. We serve all your remodeling and renovation needs. You can trust your project with us! We make you look good!

Sean Hanley (978) 337-6661

www.on-coursegolf.com

Precision Laboratories

1428 S. Shields Drive
Waukegan, IL 60083

Specialized chemistries that enhance plants, seeds, soil and water.

Greg Bennett 978-877-3772

www.precisionlab.com

Prime Source

3208 Peach Street
Erie, PA 16508

National, full line distributor of turf, ornamental & specialty products. Exclusive distributor of Prime Source branded pesticides & specialty products.

Mike Blatt, Northeast Territory Manager
(814) 440-7658

Putnam Pipe Corp.

Hopkinton & Taunton, MA
Providence, RI

Distributor of water, sewer, drain and stormwater pipe & fittings. Erosion & sediment control products. Free delivery & 24-hour service.

David Purnam 508-435-3090

Please patronize these Friends of the Association

Read Custom Soils

5 Pond Park Road, Suite 1
Hingham, MA 02043

Consistent sand for the next twenty years.
Top dressing sands, root zone blends,
high density bunker sand, "early green"
black sand, divot & cart path mixes.

Mark Pendergrast (617) 686-5590
Garrett Whitney (617) 697-4247
Ed Downing (508) 440-1833

www.readcustomsoils.com

Reel Sharp LLC

100 Clarkson Ave
Pittsfield, MA, 01201

Over twenty years in the used turf equipment
business specializing in golf course equipment.

Nick Merrill (617) 631-8873
nick@rsturf.com

www.rsturf.com

SiteOne Golf

7 Lincoln Road
Foxboro, MA 02035

Offering our customers the most complete line
of products, service & expertise in the industry.

Ron Tumiski (508) 697-2757

Sodco Inc.

PO Box 2
Slocum, RI 02877

1-800-341-6900

Black Beauty, Tall Fescue, Green & Fairway
Height Bent, Short Cut Black Beauty,
Short Cut Blue, 90-10 Fine Fescue

Installation options available
Contact: Pat Hogan, Alicia Pearson

Sustainable Turf Science, Inc.

STS Turf
68 Winchendon Rd.
Baldwinville, MA 01436

Advanced technology fertilizers and
complete soil and water testing.

Jim Paresi, CGCS
(831) 524-8850

Brad Snively, Technical Director
(831) 224-3179

www.ststurf.com

Syngenta Professional Products

P.O. Box 1775
Wells, ME 04090

John Bresnahan (413) 333-9914
Melissa Hyner Gugliotti (860) 221-5712

Target Specialty Products

165 Grove Street, Suite 70
Franklin, MA 02038

Supplier of fertilizer, chemicals & grass seed.

Jim Pritchard, Territory Manager 401-862-1098
Glenn Larrabee 774-670-8880

Tartan Farms, LLC

P.O. Box 983
West Kingston, RI 02892

Dave Wallace (401) 641-0306

Tanto Irrigation

5 N. Payne Street
Elmsford, NY 10532

Golf Irrigation specialists. Proudly
providing the Golf Industry with
irrigation services for over 50 Years.

Bill Bartels (914) 347-5151

Chase Cameron (203) 233-1482

Tim Clark (845) 325-3868

tantoirrigation.com

Tom Irwin, Inc.

13 A Street
Burlington, MA 01803
(800) 582-5959

www.tomirwin.com

We bring you a network of professionals and
innovative solutions dedicated to your success.
With Tom Irwin, you're not alone.

Chris Cyr,
Client Relations Manager: 774-279-4392

Tuckahoe Turf Farms, Inc.

PO Box 167
Wood River Junction, RI 02894

Tuckahoe Turf grows some of the finest sod in
the Northeast. We grow Kentucky Bluegrass,
Fine Fescue, Tall Fescue, and Blue/Fescue blends.
We also have several bentgrass varieties at both
tee and green height. Please call for details.

Scott McLeod (401) 230-2631
Peter DeBrusk (603) 819-9700
800-556-6985

Turf & Golf Services

13 Bachelor St.

West Newbury, MA 01985

Turf & Golf Services provides golf course
superintendents with resources to maximize
used equipment resale value and a resource for
reasonably priced, quality turf equipment.

Contact Ryan Green (603) 512-2898
ryan@golfandturfservice.com

Turf Products

157 Moody Rd. Enfield, CT 06082

Toro Equipment & Irrigation—
Serving the industry since 1970

800-243-4355

Bill Conley
Nat Binns (332) 351-5189

www.turfproductscorp.com

Valley Green

14 Copper Beech Drive
Kingston, MA 02364

Phone: (413) 533-0726

Fax: (413) 533-0792

"Wholesale distributor of turf products"

Doug Dondero (508) 944-3262

Jon Targett (978) 855-0932

Joe Trosky (860) 508-9875

Welch Mechanical

Welch Mechanical is a mobile repair company
specializing in golf course equipment. We provide
a variety of services including but not limited to
hydraulic and electrical systems repairs, engine
repair, Sprayer calibration and repair, welding/
fabrication, and rebuilding mower reels.

Please check out our website
www.welchmechanical.com

Winding Brook Turf Farm

Wethersfield, CT and Lyman, ME

240 Griswold Road
Wethersfield, CT 06109
Kathy Arcari (401) 639-5462
karcari@windingbrookturf.net

www.windingbrookturf.com

WinField United

2 Commerce Boulevard
Plainville, MA 02762

Using industry-leading insights to provide
you with the products that help you win.

Tim Hanrahan (978) 815-9810
thanrahan@landolakes.com

Chris Leonard (339) 793-0727
cleonard@landolakes.com

Jay Popko (413) 454-3847
jpopko@landolakes.com

Winterberry Irrigation

Pump installation and sales.
Irrigation installation, service and repairs.
Wire tracking, GPS mapping, grounding
testing, start-up, and winterization.

Matt Faherty 860-681-8982
mfaherty@winterberrylandscape.com

Visit www.winterberryirrigation.com

Golf Course Superintendents Association of New England

The Newsletter—Rate Schedule

THE NEWSLETTER DISPLAY ADVERTISING ORDER FORM

Company Name: _____ Phone: _____

Address: _____

Contact Name: _____ Email: _____

Issues (List month or months of publications where we will publish your ad): _____

Amount of payment: _____

Payment can be made by check payable to GCSANE or by credit card using the Pay Pal link on the home page of the Association's website at gcsane.org. You do not need a Pay Pal account to use your credit card.

<u>Member Rates:</u>	Monthly Rate	3 Times Per Yr. (Save 5%)	6 Times Per Yr. (Save 10%)
<input type="checkbox"/> 1/4 page (vertical; 3.75" wide x 5" deep)	<input type="checkbox"/> \$ 100.00	<input type="checkbox"/> \$ 285.00	<input type="checkbox"/> \$ 540.00
<input type="checkbox"/> 1/2 page (horizontal; 7.5" wide x 5" deep)	<input type="checkbox"/> \$ 165.00	<input type="checkbox"/> \$ 470.00	<input type="checkbox"/> \$ 890.00
<input type="checkbox"/> Full Page (vertical; 7.5" wide x 10" deep)	<input type="checkbox"/> \$ 220.00	<input type="checkbox"/> \$ 630.00	<input type="checkbox"/> \$ 1190.00
<u>Non-Member Rates:</u> *All payments must be received in full before the ad appears in The Newsletter.			
<input type="checkbox"/> 1/4 page (vertical; 3.75" wide x 5" deep)	<input type="checkbox"/> \$ 130.00	<input type="checkbox"/> \$ 370.00	<input type="checkbox"/> \$ 700.00
<input type="checkbox"/> 1/2 page (horizontal; 7.5" wide x 5" deep)	<input type="checkbox"/> \$ 200.00	<input type="checkbox"/> \$ 570.00	<input type="checkbox"/> \$ 1080.00
<input type="checkbox"/> Full Page (vertical; 7.5" wide x 10" deep)	<input type="checkbox"/> \$ 265.00	<input type="checkbox"/> \$ 755.00	<input type="checkbox"/> \$ 1430.00

*** Deadline for ads:** *The first of the month for that month's issue.*

Ad Preparation Specifications:

File Specifications for Ads Supplied in Digital Format: Files should be created at 300dpi at the correct size for that ad. Formats preferred are JPG and PDF. Full color is available with all ads. Please send ads to Don Hearn at the email address below. The newsletter is published in February, April, June, August, October, and December.

Send all Newsletter ads to:
Don Hearn, Executive Director
300 Arnold Palmer Blvd., Norton, MA 02766
Email: donhearn@gcsane.org O. 774-430-9040