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President's Message: Matt Lindner

Matt Lindner
NJTA President



The Summer of 2022! What a summer it has been! NJ has seen record setting prolonged heat waves and record setting drought. Currently, areas of NJ are now receiving record setting rains and flooding. This summer has definitely been one for the records, especially for those of us trying to grow grass and landscapes.

Records have also been set with NJTA during these past few months, as well. During the most recent NJTA Board meeting, which take place the 1st Thursday of each month, it was announced that:

1. 2022 Membership has reached 846, YTD, our highest since the 2019 total of 881. **THANKS TO ALL OF YOU WHO CONTINUE TO JOIN and SUPORT NJTA. PS - Help us reach 1000 members!**
2. The 2022 Golf Classic netted \$151,000 for the NJTG Foundation and Rutgers. **THANKS TO ALL THE PLAYERS, SPONSORS, GOLF COMMITTEE and EVERYONE ELSE INVOLVED IN MAKING THIS A SUCCESS! SPECIAL THANKS TO CHAIR SHAUN BARRY AND HIS COMMITTEE.**
3. 2022 Field Days were held July 26 for Golf, and July 27 for Lawn, Landscape, Sports Fields with attendance up on both days, over previous years. Revenue generated for both days was up 11.8% over 2021 which help offset the increase in expenses, which was up 15.8% over the past year. The net profit for both days was \$11,500. The Silent Auction generated an additional \$6,500 in profits. **A SPECIAL THANKS TO TRACY WADHAMS, CHAIR OF THE FIELD DAY COMMITTEE and THE ENTIRE TEAM FOR MAKING THE 2022 FIELD DAYS A SUCCESS. THANKS ALSO TO ALL THE PATRICIPANTS and THE RUTGERS PROFESSIONALS WHO TOOK THE TIME AND ENERGY TO PUT THESE DAYS ON! THANKS ALSO TO THE SILENT AUCTION COMMITTEE CHAIRED BY JOSH KOPERA AND DONOVAN MAGUIGAN.**

These are exciting times for the NJTA and you, our members. The new administration at Rutgers understands the importance of the turfgrass industry in NJ. As a result, studies are underway to evaluate the turf research facilities, in terms of buildings, space, equipment, and support. The final report will be presented to the University with an implementation plan to take place.

A University team is interviewing candidates for the open position with Dr. Bruce Clarke's retirement. There are four (4) candidates that have begun the interview process. Dr. Jim Murphy speaks on this process in an article further along in clippings.

NJTA Communications Committee is exploring new tools to communicate remotely with members who cannot attend events in person. Remote learning is here to stay and the NJTA Board wants all members to be able to attend all events. We have offered remote training sessions for pesticide training and recertification credits via Zoom. Plans are underway for continued programs in 2022/2023. There is new technology that has come to the board's attention that should enhance the quality of these presentations. More to follow on this.

Green Expo 2022 is set. The dates are Dec 6 – Dec 8, 2022, at the Borgata Hotel in Atlantic City. Mark you calendars and register now for this great event. You will find additional information about Green Expo and early registration forms in this **Clippings**.

As I wrapped up the September board meeting, I challenged all board members. That challenge was to come to the December board meeting, at which time we strategically plan for the next few years and finalize dates and events for the following year, to have a list of three (3) people to serve on their respective committees. The NJTA is a volunteer organization, apart from Cece Peabody, the Executive Director. We need your support as committee members. You don't have to attend board meetings. Committee meeting vary in timing and length, depending upon the committee and event. The standing committees are **Finance, Golf Classic, Field Days, Expo, Silent Auction, Allied Associates, Communication (Clippings, Social Media and Virtual Education) and Membership**. If you already serve on one or more of these committees, I thank you. If you want to find out more about these committees and become a committee member, reach out to any board member or committee chairperson. They are listed on the last page and their info is in the Members Directory. We need your help! You can always call NJTA: (973) 812-6467

It is an honor and pleasure serving the NJTA and you, our members, during these exciting times. Never hesitate to reach out with your concerns or questions to myself or any board member. It is our duty to serve you, the members of NJTA! See you at EXPO!



Time slips away..

Cece Peabody, MAT, CMP
Executive Director

You never know what each day may bring, change, or how it may impact your planned work. Here are a few suggestions to help you stay focused, productive, and engaged. You will be surprised how much more productive you will feel.

- 1: **Get away from your desk** - enjoy a few minutes of down time by getting up, taking a walk, clearing your head. You'd be amazed how your brain can refocus.
- 2: **Keep your priorities straight** - create your own system to stay organized - post its, planners, notebooks, calendars - it becomes so much easier to focus on priorities.
- 3: **Find your team's strength -- and delegate** - take a step back and look at where your time is spent. Are you getting pulled in where someone else could be doing the work? Once you look at where you're getting mired down, you can address the issues, so your team can take on more of the work and you can get out of the details.



Read Donovan Maguigan's Time for You and Your Turf article on pages 9 & 10.

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WRAP UP: 2022 Rutgers Turfgrass Research Field Days

By Craig Tolley

Well, it finally wasn't the hottest days of the year. We had a brief reprieve from the summer heatwave just in time for this year's **Rutgers Turfgrass Research Field Days**. Along with the great weather, there was plenty to see and learn.

Golf and Fine Turf Day on July 26th was held at Hort Farm 2 in North Brunswick with a lot of new research and university experts. The day started off with the early bird Core session presented by *Dr. George Hamilton*. The field tours began with a series of research trials focused on soil management. *Dr. James Murphy* shared his work on topdressing bentgrass putting greens and the effect of using finer sands. Attendees were able to see additional studies on the effects of plant health products on *Poa annua* and the effects of promoting soil microbes under drought stress (amazingly good timing considering I haven't seen any rain since Field Days).

The day continued with attendees witnessing a series of Dollar Spot studies. The first study evaluated the effect of late-season fungicide applications during the following spring. The second study focused on optimizing Dollar Spot control utilizing fungicides, soil fertility, and biorational products. An evaluation study for the control of Brown Patch was presented with fungicides, fertility and biorational products

Additionally, *Dr. Matthew Elmore*, was able to share his weed control work at this farm. A study was presented at managing weeds and playability in fine fescues, and an additional study investigating the use of bluegrass weevils to control *Poa annua* in creeping bentgrass, under fairway conditions. A review of integrated strategies for control of False-green kyllinga was also shared.

The Rutgers turfgrass breeding team took part in the day sharing with the attendees some of their current work. *Dr. Stacy Bonos* provided an update on the 2020 NTEP fairway trial. *Brad Park* provided updates on the 2017 NTEP Kentucky Bluegrass trials, and his work on wear tolerance. There was a look at the progress of a trial evaluating bentgrass for shade tolerance and putting quality with the 2020 NTEP bentgrass test.

The day ended with a training and testing program for the Professional Fertilizer Applicator Certification (ProFACT). This year, the training and the exam were administered in both English (by Dr. Murphy) and Spanish (Dr. Cabrera).

Lawn, Landscape, and Sports Field Day on July 27th returned to Adelphia Research Farm in Freehold, after a hiatus due to road construction in front of the farm. This day began with Sport Field Managers Association of New Jersey's annual trade show, a traditional summer favorite, with integration of equipment demonstrations during the field tours. Attendees were able to see an all-electric mowing in action, as well as a GPS guided line painting machine.

The Rutgers breeding team held many of their studies. The first study of the day, was a perennial ryegrass trial investigating disease and stress tolerance; which was started in 2020. There were updates on the 2017 NTEP bluegrass, 2018 NTEP tall fescue, and 2020 NTEP fine fescue trials which are conducted on this farm.

The turfgrass weed scientists provided updates on their work at this location. Attendees were able to learn about the newest results in Yellow nutsedge control. Included was a presentation on accurate identification of summer grassy weeds and Goosegrass. There was a separate study looking at post-emergent control of Goosegrass.

Dr. Stephanie Murphy shared a study examining turf health, resiliency, and utilizing biochar as a soil amendment. *Dr. James Murphy* presented his work evaluating turf response to different forms of nitrogen, timing or applications. This year, an additional hands-on Core session on calibration was offered at the end of the day.

The New Jersey Turfgrass Foundation returned with their Silent Auction each day. The Rutgers professors and research teams generously made themselves available each day for questions; before the tours, between stops and during lunch.

The Rutgers Field Days Committee would like to thank the many sponsors and volunteers who made this event possible.



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Field Days Silent Auction Winner, Ryan Petitti,
won the John Deere Gator pictured below.

His four boys have loved it!

Left to Right:

Nicolas (5), Gianni (3), Luke (1), and Joey (7)



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Expo 2022 is Ready to Launch

Chris Carson
Expo Chair

After months of discussion, meetings and seemingly endless emails, our Expo 2022 program is ready to go... and all of us at NJTA look forward to welcoming you to Atlantic City's Borgata Hotel on Tues-Thurs December 6-8. We have many special speakers and events scheduled, so please look carefully at the program so that you may plan to take full advantage of all the education, social activities, and credit accumulation you need to keep your spray applicator licenses up to date.

Dr. Bill Meyer has retired from his role as turfgrass breeder and assistant chairman of the Center for Turfgrass Science at Rutgers, and for all he has done for our profession and for Rutgers we have decided that this year's conference will be dedicated to his many achievements, his support of our association's many endeavors, and for his lifetime of service in turfgrass development. With that in mind, a very special general session is set for Tuesday afternoon, where we will take an in-depth look at the Rutgers turfgrass success story and show how many trips throughout the United States and Europe have ended up as successful turfgrass varieties that we all use daily.

This amazing success story has carried with it incredible funding for the farms at Rutgers and for further research in all turfgrass disciplines, amounting in the tens of millions of dollars. Dr. Meyer will make the last presentation of the day at 4:00 in the Borgata Theater, and we hope that all our colleagues will be there to shower him with applause, admiration, and respect. Once we properly acknowledge all that he's done for us, we will move to the fun on the Trade Show floor where the food and drink will be plentiful, our loyal Trade Show partners will be displaying their wares and services, and your many friends -old and yet to be discovered- will be ready to share their "war stories" from the difficult season.

Your favorite speakers will once again be on tap to provide you with world-class education and knowledge that you can put to use immediately in your operation, and once again we will be offering a total of four 3A credits during our Tuesday and Wednesday trade show hours in the learning center to help you fulfill your obligations for that important license.

We have many special sponsors who go out of their way to ensure you will have a great time in Atlantic City. *LaBar Golf Renovations* has once again sponsored our beverages for BOTH trade show sessions, *Storr Tractor* continues its long support of Tuesday's lunch, and many other companies have again stepped up to underwrite the cost of our show. *Grass Roots* is holding its signature social event on Wednesday afternoon, the Mix 'n Mingle at the Borgata pool... and all are invited for this great party. *Syngenta*, *BASF*, *Bayer* (now *ENVU*), *Aquatrols*, and *SavATree/Tree Tech* all contribute to keep our cost to you as affordable as possible, and to allow us to contribute meaningfully to our friends at Rutgers. All of us at NJTA thank these sponsors for their help, and we hope that you too will reach out and thank the people responsible for this support when you see them throughout the three days.

We ask that you carefully look at the brochure, book your hotel room early (to avoid the disappointment of being closed out of our room block- it happens to several of our friends every year), and plan on joining all your turf friends in December. We are looking forward to seeing you!



Time for You and Your Turf

Donovan Maguigan
Springdale Golf Club & Clippings Editor

“Time is what we want most, but what we use worst.”

William Penn

This is an interesting way to start but thank you for taking the time to read this article because your time is valuable. Without getting too philosophical in the first few sentences, Theophrastus back around 300 BC said, “Time is the most valuable thing a man can spend.” It’s true that the minutes that you spent reading this could have been utilized elsewhere (you can just stop, I won’t mind) but during and at this moment, I’m wordsmithing to get the gears turning in your head about YOUR TIME. Breaking the fourth wall and talking about myself briefly, if I wrote this and no one read it, was it a waste of my time? This was a task that I felt was important, even if the only person who reads this is editing Clippings, so the time was well spent in my opinion. If I worked hard on it and no one read it, I would still feel that it was a good use of my time.

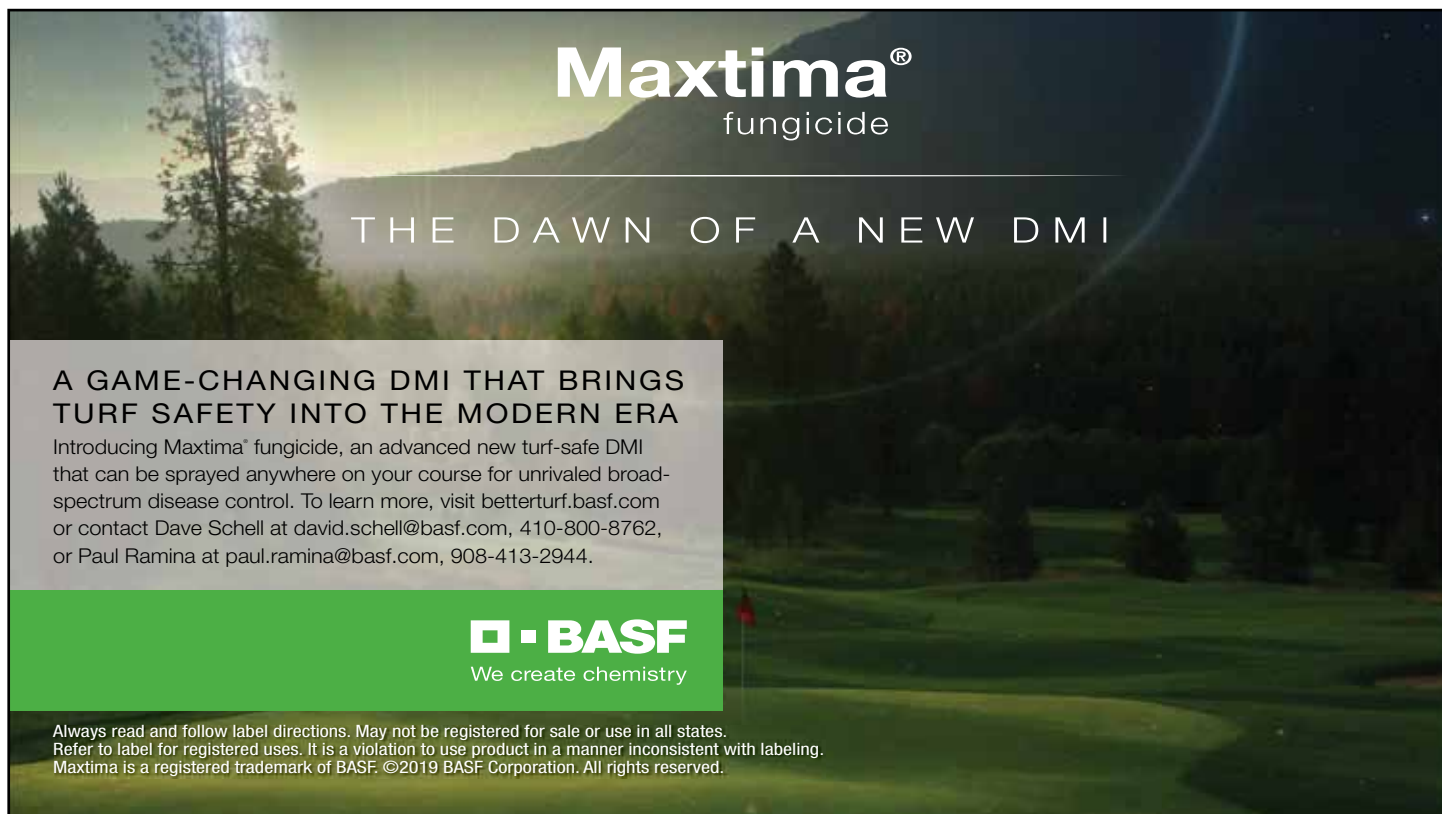
Your time, my time, your staff’s time, and your family’s time is priceless, and it has no true defined value. Your time is transferable, but there are no refunds or returns. The value is fluid from an hourly wage that is assigned to your time, to those unmeasured moments that you trade to finish a job or snooze a few extra winks. The extra five minutes you spent helping a neighbor move furniture was well spent, but the 15 minutes you spent mindlessly scrolling through Instagram is gone forever, possibly wasted if there was no intent behind why you were swiping. There is also never enough time, it’s finite and once it is spent, it’s gone.

My musings on time started a few months ago when I removed my Apple Watch from my wrist and returned to wearing an automatic wristwatch. Long story short, the Apple Watch was a distraction during my day to day with schedule notifications, checking the weather forecast, and constant notifications. With an automatic watch, the inner workings have always fascinated me with their intricacies and precise delicate parts.

This interest has grown into a hobby of building watches using assembled components like dials, hands, cases, and crowns. When assembling a watch, there is a delicate moment where the crown and stem (the wheel on the side of the watch) is installed into the movement (the timekeeping portion). When the crown is wound, the spring wheel begins to move, bringing the watch to life. In that millisecond that the inner gears turn, you can see a physical manifestation of time going by.

As I watched the inside of the watch generate measurable time and then tick away, I realized the time is a living thing and I was watching it breathe.

...continued on next page



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Time for You and Your Turf

Now that time has a value and a “living” presence, think of your relationship with time in the turf industry. How much time do you have to do a project? When does the noise restriction lift? How long will a product last? How long until an area is established? When is your big event? How long is a staff break? Valuing your time and what you want to spend it on determines what we can realistically accomplish without feeling overwhelmed. Coinciding with that, our financial constraints are as dictated by time and this also will determine how much you can accomplish. For instance about how long there will be down time from an equipment failure or the impact your work will have on a property both long term and short term? Understanding and managing your time is a key to your daily successes and beyond as you manage away from work.

- **Be Aware of Time** - Take stock of how many realistic hours you have in a day to accomplish tasks, between your time and your staff's. How much time do you have? Could you accomplish more if you awoke earlier each day? Stayed later? Make the effort to plan things out with a solid but flexible schedule.



- **Manage Your Time** - As we all know, we never have enough time. Twenty-four hours in a day is never enough to accomplish everything you want. Working long hard days takes away from time with your friends and family.

- **Don't Waste Your Time** - Don't spend too much time dwelling on decisions or fretting over what to do next. As Ben Bradlee, longtime editor of the Washington Post said, “There really isn't enough time in the day to convene a task force on every little decision. You'll never go home, and you won't be in any shape when you get home”

- **Value Your Time** - During long hot days of the summer, we find ourselves working hard days that eat away at our time to rest and recovery. Even when we are away from work, your thoughts might be consumed by work and the next day. Know when to turn away from work and enjoy your time away from it.

- **Share Your Time** - If you have the chance to serve a group (Join the NJTA Board!), assist a cause, or spend your time in a way that will benefit others, do so as it will be both enriching and a worthwhile investment.



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Dr. William Meyer: A Legacy Well Earned

Donovan Maguigan
Springdale Golf Club & Clippings Editor

Following a career spanning more than 25 years at Rutgers University as a professor and the Associate Director of Turfgrass Breeding, *Dr. William Meyer* has retired, leaving behind an extensive legacy of industry changing turfgrass research. Like measuring grains of a sand at a beach, the number of turfgrass plants around the world that have been impacted by Dr. Meyer's research is incalculable. *Dr. Jim Murphy, Director, Center for Turfgrass Science* at Rutgers and longtime colleague of Dr. Meyer stated in 2020, "Whether people realize it or not, he has had an impact on their lives if they have done anything on grass."

In reviewing his research interests at Rutgers, Dr. Meyer stated, "My breeding and research goal has been to use classical approaches to develop improved turf and forage grasses that have improved turf performance and seed production capacity. The main objectives are improved disease and insect resistance, improved heat and drought tolerance and enhanced seed production. This research includes the development of research methods to exhilarate the improvement process on cool season turfgrasses."

Dr. Meyer began his turfgrass career with a B.S. in Horticulture -Turf from the University of Illinois, where he continued his master studies in Plant Pathology, graduating in 1969. Before continuing with his doctorate work at the University of Illinois, Dr. Meyer completed a graduate study at the JNAU Agriculture University in Jabalpur, India, studying the soil borne diseases in 1971. He received his Ph.D. in Plant Pathology in 1972.

After receiving his doctorate, Dr. Meyer began working as a research director at Warrens Turf Nursey in Illinois before moving to Oregon working for Turf-Seed and Pure Seed Testing Inc. from 1975 until 1996 as a turfgrass breeder, researcher, vice-president, and president. During his tenure in Oregon, he also served as an adjunct member of the graduate faculty at Oregon State University's Department of Crop Science.

As the President of PureSeed Inc., Dr. Meyer's worked closely with turfgrass breeding pioneer, Dr. C. Reed Funk, who started the turfgrass breeding program at Rutgers University. They co-developed Midnight Kentucky Bluegrass, which today remains top cultivar, 40 years later. In referencing this development, Dr. Meyer also recounted the numerous Kentucky bluegrass cultivars including Challenger, Columbia, Blue Note, Bedazzled, Bewitched, Volt, Martha, Blue Magic, Skye, Babe, Yellowstone, Midnight II, Syrah, Bombay, Starr, Cloud, Dauntless, Cabaret, Mazama, Bluebank, Keenland, Legend, Mercury, Rhapsody, Ridgeline, Diva, Rockstar and Lakeshore.

Funk served as Director of Turfgrass Breeding at Rutgers for almost 35 years before passing the reins to Meyer in 1996. Through their research in turfgrass breeding, the program has become "the largest and most productive program for releasing improved turfgrass cultivars for the United States and the world market for cool season turfgrasses," releasing over four hundred cultivars of turfgrass.

Building upon the turfgrass breeding success at Rutgers, Dr. Meyer successfully released the first turf-type tall fescue following the release of Rebel tall fescue by Funk, which became the largest species for cool season turfgrass in the United States. Additional cultivars that Dr. Meyer has worked on included Falcon, Olympic, Mustang, Apache, and Apache III.

The development of Gray Leaf Spot resistant ryegrass stands out as one of the industry changing developments from the Rutgers turfgrass breeding program under Dr. Meyer. When Gray Leaf Spot emerged in New Jersey during the early 1990's, it was very destructive to ryegrass stands throughout the state with the capacity to destroy entire stands of turf. In 2001, the turfgrass breeding team at Rutgers, discovered a resistance in ryegrass to gray leaf spot. Through that discovery, more than half of the top varieties of perennial ryegrass today are gray leaf spot resistant.

Beyond the legacy that Dr. Meyer leaves with healthy turf firmly planted in the soil around the world, his work with turfgrass students, graduate students, and the faculty was always held in the highest regard. Roch Gaussoin, an agronomy professor at the University of Nebraska, recalled Meyer's dedication to students in 2020, "[The] backbone of our research program are our students and Bill has never lost sight of that. The students are what drive the machine." Meyer recounted that, "One of the reasons I came to Rutgers was to work with the faculty and grad students of the Turfgrass Center. I am proud to say all my thirteen grad students successfully finished their studies and they are now leaders in our industry."

One of many examples of the contributions from Dr. Meyer's graduate students is *Dr. Stacy Bonos, Associate Director, Center for Turfgrass Science* of Rutgers University and her research on creeping bentgrass and dollar spot. Dr. Meyer shared that, "Dr. Bonos started working with the germplasm of bentgrass at Rutgers in the late nineties and through her research she was able to identify stable sources of resistance to dollar spot disease and put them in adapted species of creeping bentgrass." Dr. Meyer also noted that in reviewing NTEP trials for creeping bentgrass, more than 50% of the putting green and fairway tests were sourced from that material.

Continued on next page

Dr. William Meyer

Through his research in turfgrass breeding, Dr. Meyer has received numerous awards from the Turfgrass Breeders Association, Oregon Seed Trade Association, the Golf Course Superintendent's Association of America, National Association of Plant Breeders, and most recently in 2020, he was recognized with the United State Golf Association's Green Section Award. This award recognizes "an individual's distinguished service to the game of golf through his or her work with turfgrass, including research, maintenance and other areas that positively impact the landscape upon which golf is played." On the occasion, Dr. Bonos shared, "He doesn't do his job to win awards, he does it because he loves what he does."

Thank you to Dr. Meyer for providing notes used to compile this article including his research contribution and turfgrass cultivar histories. Quotes from Bonos, Clarke, Gaussoin, Moeller, and Murphy are from the USGA video, "Meet Dr. William Meyer, the 2020 USGA Green Section Award Recipient." – March 2020



Lunch to Celebrate Retirement of Dr. Bruce Clarke and Dr. Bill Meyer: June 29, 2022



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GCSANJ hosted Turf Fest on September 26th at Springdale Golf Club in Princeton. For a second time, this event aimed to pair an outdoor education event with food trucks - *Nomad Pizza* with Brick Oven Pizza, and *Oink and Moo* with pulled pork sandwiches, brisket, and tacos. Attendees were treated to several seasonal beers to start Fall

Attendees were treated to AM equipment demos from local vendors and turfgrass education about challenges faced in 2022.

Education speakers included:

- Steve McDonald, Turfgrass Disease Solutions - Winter Damage to Dry Heat on Turfgrass
- Dr. Jim Murphy, Rutgers University - Technique to Improve Fungicide Use to Control Dollar Spot on Fairways
- Dr. Stacy Bonos, Rutgers University - Breeding Turfgrass for Heat & Drought Tolerance
- Corey Angelo, Soil and Water Consulting - Maintenance Practices for Differently Built Greens
- Storr Tractor Company - Demonstration of GPS Sprayer and Aerification Equipment from Toro
- Finch Equipment Company - Demonstration of GPS Sprayers from John Deere and Rough Mowing Equipment
- Rick Shriver, Harco Fitting - HDPE Fusion Techniques



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 Paul Hedgpeth 509-832-0287
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New Law Coming To New Jersey to Restrict Neonicotinoid Uses

Did you know? A new law pertaining to the use and sale of neonicotinoid pesticides will go into effect in New Jersey in one year. New Jersey's legislation (S.1016) was signed by Governor Murphy on January 18, 2022 and will go into effect on October 31, 2023. The intent of this law is to reduce pollinator exposure to these pesticides, and the practical affect is to prohibit use of these pesticides in home gardens and landscapes, golf courses and other non-agricultural settings.

What are Neonicotinoids? Neonicotinoid pesticides are defined as any pesticide containing a chemical belonging to the class of neonicotinoid class of chemicals, including but not limited to acetamiprid, clothianidin, dinotefuran, flonicamid, imidacloprid, nitenpyram, nithiazine, thiacloprid, thiamethoxam, or any other chemicals in this class.

What does this law mean for the New Jersey Green Industry? This new law will make pesticides in the class known as neonicotinoids "restricted use." Restricted use means a pesticide must be purchased and used only by a certified and licensed pesticide applicator, as determined by the department pursuant to the "Pesticide Control Act of 1971," P.L.1971, c.176 (C.13:1F-1 et seq.), or persons working under the direct supervision of a certified and licensed pesticide applicator. This restricted use designation will require any person using these pesticides to have a valid New Jersey pesticide applicator license and further prohibits any use of neonicotinoids except for agricultural use.

What does Agricultural Use mean? This bill has limitation on where neonicotinoids will be allowed to be used in New Jersey. The allowable use pattern will be on "Agricultural plants" which means any plant, or part thereof, grown, maintained, or otherwise produced for commercial purposes, including any plant grown, maintained, or otherwise produced for sale or trade, for research or experimental purposes, or for use in part or their entirety in another location. "Agricultural plant" includes, but is not limited to, grains, fruits, and vegetables; wood fiber or timber products; flowering and foliage plants and trees; seedlings and transplants; and turf grass produced for sod. "Agricultural plant" does not include pasture or rangeland used for grazing.

What are the exemptions: There are specific exemptions given for uses such as domestic pet care, veterinary, personal care, or indoor pest control, commercial production of preserved wood product, structural pest control within 1 ft of the building foundation, invasive pest emergencies and applications to protect agricultural seeds.

What's next? The new law requires the Department of Environmental Protection to adopt rules and regulations classifying neonicotinoid pesticides as restricted use pesticides. It is expected that rule making will begin before the end of the year. This will bring the opportunity to provide comments and recommendations towards allowing for certain exemptions. The New Jersey Green Industry Council (NJGIC) in conjunction with its allied associations in New Jersey will be active in the rule making process. Contact NJGIC via NJGIC.org if you are interested in being involved in the rule making process going forward.

Take home message: Beginning October 31, 2023, no person shall sell, offer for sale, or use within the State any neonicotinoid pesticide, unless such pesticide is registered and will only be applied by a licensed pesticide applicator to an agricultural plant.

The New Jersey Green Industry Council along with various industry allied associations including New Jersey Nursery & Landscape Association, New Jersey Landscape Contractors Association, New Jersey Forestry Association, New Jersey Arborists, Chapter ISA, New Jersey Shade Tree Federation, Committee for the Advancement of Arboriculture and New Jersey Pest Management Association remain committed to engaging with legislators to discuss bills such as the neonicotinoid bill and its potential effects on the green industry in New Jersey.

For more information visit www.njgic.org.

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Andrew Meffert, Superintendent - Park Mammoth GC, Kentucky

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dlfpickseed.com/superbents

GOLF SESSIONS



J. Roberts



P. Jones



J. Nagle



N. Sherry



W. Meyer



E. Watkins



KJ Griepentrog



S. McDonald



F. Castenschild



A. La Reau

TUESDAY, DECEMBER 6, 2022

GOLF SESSIONS (CONCURRENT) 8:30 AM - 11:30 AM

- 8:30 - 9:30 GCSANJ Awards Breakfast & Elections
 9:30 - 10:15 Golf Architecture - the Role of the Superintendent
Jim Nagle, Forse Golf Design
 10:15 - 11:30 Renovation Roundtable
 Moderator: *Michael Tardogno, Tamarack GC*
 • *Paul Dotti, Arcola Country Club*
 • *Jason Harrison, Hamilton Farm Golf Club*
 • *Sean Konsavich, Old Bridge Golf Course*
 • *Jim Nagle, Forse Golf Design*



CORE SESSION (CONCURRENT) 8:55 AM - 11:30 AM

- 8:55 - 9:00 NJTA Annual Meeting
 9:00 - 10:30 HAZCOM was written for YOU! Review importance and reasons for these standards *Gary Eichen, SavATree*
 10:30 - 11:30 CORE Review Game Show: Let's Play *Mike Reed, Synatek*

TUESDAY, DECEMBER 6, 2022

GENERAL SESSION 1:00 - 4:00 PM

- 1:00 - 1:30 Putting the 'I' in Integrated Weed Management **Credits: 3 - 3B**
Dr. Matt Elmore, Rutgers University
 1:30 - 1:35 NJTA Hall of Fame Presentation
 1:35 - 2:05 Lessons from the Rutgers Plant Diagnostic Laboratory: Who Turned Off the Water? *Sabrina Tirpak, Rutgers University*
 2:05 - 3:30 **The Rutgers Turfgrass Breeding Success Story**
 • Growing the First Generation in Holland *Pieter den Haan, Holland*
 • Selecting, Improving and deciding: Reducing Weeds and Disease via Breeding low-input turfgrasses for cold climates *Dr. Eric Watkins, Univ of MN*
 • Supply Chain Dynamics: from Rutgers to the Farm to your Business
KJ Griepentrog, Jersey Seed
 • The Importance of the Rutgers Turfgrass Breeding Program to the Center for Turfgrass Science *Dr. Jim Murphy, CTS Director, Rutgers University*
 • The Future of Turfgrass Breeding *Dr. Stacy Bonos, Rutgers University*
 3:30 - 4:00 **My Career in Turfgrass Development** *Dr. Bill Meyer, Rutgers Univ*

TUES TRADE SHOW SESSIONS: 5:00 & 6:00 PM

See Pages 3 or 5 for Speakers & Topics

WEDNESDAY, DECEMBER 7, 2022

GOLF SESSIONS 8:30 - 11:30 AM

7:00-8:30 – BY INVITE -Rutgers Turfgrass Advisory Board Breakfast

Credits: 2 - 3B

WEDNESDAY GOLF SESSIONS PRESENTED BY GCSANJ

- 8:30 - 9:15 Dollar Spot programming, resistance, inoculum buildup
Dr. Joseph Roberts, Clemson University
 9:15 - 9:45 USGA Year in Review *Elliott Dowling, USGA*
 9:45 - 10:30 ABW Toolbox Reset: Current Thinking on use and Timing of New Materials *Dr. Albrecht Koppenhöfer, Rutgers University*
 10:30 - 11:30 Maximizing Human Performance *Adam La Reau, Co-founder O2X Human Performance, Founder of One Summit, former Navy SEAL Commander*

WEDNESDAY, DECEMBER 7, 2022

TRADE SHOW LEARNING SESSIONS 11:30 AM - 2:30 PM

- 12:30 - 1:00 • (1-3A Credit) Choosing Preemergent Chemistry for your Planting Beds *Dr. Gerald Henry, University of Georgia*
 1:30 - 2:00 • (1-3A Credit) Old and Emerging Oak Diseases *Rich Buckley, Rutgers*

GOLF SESSIONS 2:30 - 5:00 PM

Credits: 3 - 3B

- 2:30 - 3:00 Chinch Bugs, Cicada Killers, and a few other "Minor" insects
Dr. Albrecht Koppenhöfer, Rutgers University
 3:00 - 3:30 USGA In Review *Adam Moeller, USGA*
 3:30 - 4:00 Fine Fescue High Grass Areas: Establishment, Weed Control and Density
Steve McDonald, Turfgrass Disease Solutions
 4:00 - 5:00 Holy Smokes...What's Next? *Pat Jones, Flagstickm LLC*
 In a fast and fun hour, Pat examines the rapid changes in the industry and what it might all mean to the game, golf facilities, and superintendent careers in the future.

This session is sponsored by AQUATROLS and BASF

THURSDAY, DECEMBER 8, 2022

RUTGERS SESSIONS 8:30 AM - NOON

Credits: 4 - 3B

- 8:30 - 9:00 Breeding for tolerance to Gray Leaf Spot and Summer Patch
Dr. Stacy Bonos, Rutgers University
 9:00 - 9:45 Poacure and other control options for Annual Bluegrass Control *Dr. Shawn Askew, Virginia Tech*
 9:45 - 10:30 SDHI Fungicides: History and the Best Uses for Modern Disease Control *Steve McDonald, Turfgrass Disease Solutions*
 10:30 - 10:45 BREAK
 10:45 - 11:30 Biology and Control of Bacterial Disease of Cool Season Turf *Dr. Joseph Roberts, Clemson University*
 11:30 - 12:00 Preparing for the Future: Report from the Center for Turfgrass Science (CTS)
Dr. Jim Murphy, Rutgers University

THURSDAY, DECEMBER 8, 2022

CORE SESSION 1:00-3:00 PM

- 1:00 - 2:00 CORE Session **Credits: 4 CORE** *Dr. Mike Agnew, Retired*
 Reviewing the Core Basics to ensure Safe and Effective Applications
 2:00 - 3:00 NJDEP Update for Commercial Applicators
Stephen Bross, NJDEP

OPTIONAL SESSION: ProFACT 1:00 - 4:00 PM

- Professional Fertilizer Application Certification & Training
 1:00 - 2:30 TRAINING **Credits: 3 ProFACT**
 SPANISH or ENGLISH: (2 separate rooms)
 Prepare for the ProFACT Fertilizer applicator's exam or get credits - Spanish or English.
 Spanish: *Dr. Raul Cabrera, Rutgers University*
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4

LAWN & LANDSCAPE SESSIONS



S. Bross



M. Reed



M. Elmore



S. Bonos



G. Henry



A. Koppenhofer



S. Tirpak



R. Buckley



R. Galdieri

TUESDAY, DECEMBER 6, 2022

CORE SESSION 9:00 - 11:30 AM & LUNCH

- Credits: 5 CORE**
- 8:55 - 9:00 NJTA Annual Meeting
- 9:00 - 10:30 HAZCOM was written for YOU! Review the importance and reasons for these standards
Gary Eichen, SavATree
- 10:30 - 11:30 CORE Review Game Show: Let's Play
Mike Reed, Synatek

11:30 AM - 1:00 PM ALL ATTENDEES LUNCH

Sponsored by **STORR TRACTOR COMPANY**



TRADE SHOW SESSIONS 5:00 & 6:00 PM

Sabrina Tirpak, Rutgers University

Rhododendron: Royalty..or Road Kill? **Credits: 2 - 3A**

5:00 - 5:30 PM • (1-3A Credit) Insects

6:00 - 6:30 PM • (1-3A Credit) Diseases

TUESDAY, DECEMBER 6, 2022

GENERAL SESSION 1:00 - 4:00 PM

- 1:00 - 1:30 Putting the 'I' in Integrated Weed Management **Credits: 3 - 3B**
Dr. Matt Elmore, Rutgers University
- 1:30 - 1:35 **NJTA Hall of Fame Presentation:**
- 1:35 - 2:05 Lessons from the Rutgers Plant Diagnostic Laboratory: Who Turned Off the Water? *Sabrina Tirpak, Rutgers University*
- 2:05 - 3:30 **The Rutgers Turfgrass Breeding Success Story**
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 - The Future of Turfgrass Breeding *Dr. Stacy Bonos, Rutgers University*
- 3:30 - 4:00 **My Career in Turfgrass Development** *Dr. Bill Meyer, Rutgers Univ*

WEDNESDAY, DECEMBER 7, 2022

LAWN & LANDSCAPE 8:30 - 11:30 AM

- 8:30 - 9:30 Turf in 2022: Is it Drought, Disease, or Insects **Credits: 4 - 3B**
Rich Buckley, Rutgers University
- 9:30 - 10:00 Low-Input Turfgrasses as a Pest Management Strategy
Dr. Eric Watkins, University of Minnesota
- 10:00 - 10:30 Benefits of Using Adjuvants in Maximizing Spray Solution and in Managing Your Water Use
Greg Bennett, Precision Labs
- 10:30 - 11:30 Weeds of the Region: Choose Your Adventure!
Drs. Matt Elmore, Shawn Askew, and Gerald Henry
- They will share the stage, and respond to audience questions via cell phone technology. This interactive session will help attendees learn about some pesky weeds, and what current thought is on control. Your Expo Committee has gone to great lengths to bring these three renowned weed scientists together, under the theory that "you really can't have too many weed guys at a conference!"

WEDNESDAY, DECEMBER 7, 2022

TRADE SHOW SESSIONS 11:30 AM - 2:30 PM **Credits: 2 - 3A**

- 12:30 - 1:00 • (1-3A Credit) Choosing Preemergent Chemistry for your Planting Beds *Dr. Gerald Henry, University of Georgia*
- 1:30 - 2:00 • (1-3A Credit) Old and Emerging Oak Diseases *Rich Buckley, Rutgers*

LAWN & LANDSCAPE 2:30-5:00 PM

Credits: 3 - 3B

- 2:30 - 3:00 Beyond the Basics: Building Your Premium Program to Enhance Your Properties and Increase Your Return
Mike Reed, Synatek & Justin Shield, Down to Earth Landscaping
- 3:00 - 4:00 MLSN (Minimal Levels of Sustainable Nutrition): Just What the Industry Ordered *John Emerson Jr, U Delaware*
- 4:00 - 4:30 The Big Four: White Grubs, Sod Webworm, Chinchbugs, and Billbugs *Dr. Albrecht Koppenhöfer, Rutgers University*
- 4:30 - 5:00 Cultural Disease Control for Lawn Care
Steve McDonald, Turfgrass Disease Solutions

THURSDAY, DECEMBER 8, 2022

BUCKLEY'S BOOT CAMP 8:30 AM - NOON

Richard Buckley returns for this year's edition of his 'boot camp', where he will share important data in a lively and straight-shooting manner. Richard is consistently rated as one of our most popular speakers, and this session is sure to be both useful and entertaining.

Credits: 3 - 3A (8:30 - 9:45) & 4 - 3B (10:00 - 12:00)

- 8:30 - 9:45 Landscape Plants in 2022: Is it Drought, Disease, or Insects?
- 9:45 - 10:00 BREAK
- 10:00 - 12:00 The Rings of Death: Fairy Ring and Summer Patch
- 12:00 - 1:00 **LUNCH ON YOUR OWN**

THURSDAY, DECEMBER 8, 2022

CORE SESSION 1:00 - 3:00 PM

- 1:00 - 2:00 CORE Session **Credits: 4 CORE** *Dr. Mike Agnew, Retired*
Reviewing the Core Basics to ensure Safe and Effective Applications
- 2:00 - 3:00 NJDEP Update for Commercial Applicators
Stephen Bross, NJDEP

OPTIONAL SESSION: ProFACT 1:00 - 4:00 PM

- Professional Fertilizer Application Certification & Training
- 1:00 - 2:30 TRAINING **Credits: 3 ProFACT**
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- Prepare for the ProFACT Fertilizer applicator's exam or get credits - Spanish or English.
Spanish: Dr. Raul Cabrera, Rutgers University
English: Dr. Jim Murphy, Rutgers University
- 2:30 - 4:00 CERTIFICATION EXAM (\$90 Exam Fee)
- SPANISH or ENGLISH: (2 separate rooms)
Spanish: Dr. Raul Cabrera, Rutgers University
English: Dr. Jim Murphy, Rutgers University

SPORTS FIELDS SESSIONS



S. Askew



R. Cabrera



E. Dowling



J. Emerson



B. Park



B. Meyer



B. Huang



J. Murphy



M. Agnew



Z. Holm



T. Hamfeldt

TUESDAY, DECEMBER 6, 2022

CORE SESSION 9:00 - 11:30 AM & LUNCH

Credits: 5 CORE

8:55 - 9:00 NJTA Annual Meeting
9:00 - 10:30 HAZCOM was written for YOU! Review the importance and reasons for these standards
Gary Eichen, SavATree

10:30 - 11:30 CORE Review Game Show: Let's Play
Mike Reed, Synatek

11:30 AM - 1:00 PM ALL ATTENDEES LUNCH

Sponsored by STORR TRACTOR COMPANY



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Sabrina Tirpak, Rutgers University

Rhododendron: Royalty..or Road Kill? Credits: 2 - 3A

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3:30 - 4:00 My Career in Turfgrass Development *Dr. Bill Meyer, Rutgers Univ*

WEDNESDAY, DECEMBER 7, 2022

SPORTS FIELDS SESSION 7:30 - 11:30 AM

Credits: 4 - 3B • 4 - 13

7:30 - 8:30 'Early Bird' Sports Field Managers: Precision Pesticide Use and Operating in Compliance with NJ School IPM
Zach Holm, Central Park Conservancy

8:30 - 9:00 Sports Fields and Grounds IPM: The Year in Review
Brad Park, Rutgers University

9:00 - 9:30 SFMANJ Annual Business Meeting & Awards

9:30 - 10:30 Baseball Skin Surface Management at the Professional Level and How it Translates to Municipal and School Surfaces *Nicole Sherry, Baltimore Orioles*

10:30 - 11:00 Sports Field Management in Morris Township and Strategies Employed to Reduce Pesticide Use
Tim Hamfeldt, Morris Township

11:00 - 11:30 NJ Fertilization Law -- What has Happened in 10 years?
Dr. Jim Murphy, Rutgers University

WEDNESDAY, DECEMBER 7, 2022

TRADE SHOW & LUNCH 11:30 AM - 2:30 PM

LUNCH Sponsored by SAVATREE/TREE-TECH • Credits: 2 - 3A

12:30 - 1:00 • (1-3A Credit) Choosing Preemergent Chemistry for your Planting Beds *Dr. Gerald Henry, University of GA*

1:30 - 2:00 • (1-3A Credit) Old and Emerging Oak Diseases *Rich Buckley, Rutgers*

SPORTS FIELDS SESSION 2:30 - 5:00 PM

Credits: 4 - 3B • 4 - 13

2:30 - 3:00 Annual Bluegrass Control Strategies at Marywood University
Rob Galdieri, Marywood University

3:00 - 3:30 Traversing Central Jersey Sports Fields for 44 Years
Fred Castenschiold, SFMANJ Board of Directors

3:30 - 4:15 Influence of Weeds on Field Playability: Implications for Control
Dr. Gerald Henry, University of Georgia

4:15 - 5:00 Turfgrass Selection for Sports Fields to Reduce Pests and Maintain Quality *Dr. Eric Watkins, University of Minnesota*

THURSDAY, DECEMBER 8, 2022

CORE SESSION 1:00 - 3:00 PM

12:00 - 1:00 LUNCH ON YOUR OWN

1:00 - 3:00 CORE Session Credits: 4 CORE *Dr. Mike Agnew, Retired*
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2:00 - 3:00 NJDEP Update for Commercial Applicators
Stephen Bross, NJDEP

THURSDAY, DECEMBER 8, 2022

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Spanish: *Dr. Raul Cabrera, Rutgers University*

English: *Dr. Jim Murphy, Rutgers University*

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2022 GREEN EXPO

New Jersey Turfgrass Association (NJTA) proudly presents the New Jersey GREEN EXPO Turf & Landscape Conference, in partnership with the Golf Course Superintendents Association of NJ (GCSANJ), in cooperation with Rutgers University/School of Environmental and Biological Sciences (SEBS), Sports Field Managers Association of NJ (SFMANJ), and NJ Green Industry Council (NJGIC). Online: WWW.NJTURFGRASS.ORG

ATTENDEE REGISTRATION • Tues, December 6 – Thurs, December 8, 2022 • The BORGATA Hotel • Atlantic City, NJ

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* EMAIL REQUIRED for Registration Receipt & Confirmation

EARLY REGISTRATION CHOICES & FEES

EARLY BIRD CUT OFF DATE: Tuesday, November 1, 2022

After this date, only OnSite Registration is available with increased prices.

Check if: ☐ FIRST TIME ATTENDEE ☐ NO Trade Show on Thursday
 Member of Which ASSN? ☐ NJTA ☐ GCSANJ ☐ SFMANJ
☐ NJLCA ☐ IANJ ☐ NJNLA

Your ASSN MEMBERSHIP WILL BE VERIFIED.
 Join NJTA today & Pay MEMBER Fee.

	MEMBER	NON MEMBER	TOTAL FEES
THREE (3) DAYS: Education, Trade Show, Food TUESDAY, WEDNESDAY, & THURSDAY *NON-MEMBER Fee inc (1) One Member 2023	\$ 270	\$ 415* (\$290+125)	\$
TWO (2) DAYS: Education, Trade Show, Food Circle Days: TUES WEDS THURS *NON-MEMBER Fee inc (1) One Member 2023	\$ 220	\$ 365* (\$240+125)	\$
ONE (1) DAY: Education, Trade Show, Food Circle Which Day: TUES WEDS THURS	\$ 170	\$ 195	\$
TRADE SHOW ONLY:			
BOTH DAYS: TUES AND WEDS	\$ 145	\$ 165	\$
ONE DAY Circle Day: TUES OR WEDS	\$ 115	\$ 135	\$

OPTIONAL: ProFACT FERTILIZATION CERTIFICATION: Thursday PM
 Select 1 or Both: ☐ Training (No Charge) • ☐ Exam @ \$90 \$ _____

2023 NJTA MEMBERSHIP

☐ RENEW ☐ NEW Membership Year: January 1, 2023- December 31, 2023

Join NJTA today and pay Member Fee for Expo.

- ☐ **BUSINESS** (Manufacturers/Suppliers/Sod Producers)
 (1 to 4 Names from Same Company) **\$ 425.00**
- ☐ **TURFGRASS** (Golf Courses/Landscape/Schools/Parks)
 (1 to 3 Names from Same Company) **\$ 300.00**
- ☐ **ONE (1) Member** (Inc. with 2 or 3 day Non-Member Reg) **\$ 125.00**

1 - NAME _____

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2 - NAME _____

2 - Email _____

3 - NAME _____

3 - Email _____

4 - NAME _____

4 - Email _____

Which Category BEST fits Your Type of Business?

TURFGRASS: ☐ Golf Course ☐ Lawn Care Applicator
☐ Landscape/Lawn Maintenance ☐ Cemetery ☐ Irrigation
☐ Parks & Recreation ☐ Schools & Athletic Fields ☐ Architect

BUSINESS: ☐ Manufacturer or Supplier ☐ Sod Producer

MEMBERSHIP Subtotal \$ _____

[\$125 Membership Included with Two or Three Day NON-MEMBER Fee]

TOTALS: REGISTRATIONS • MEMBERSHIP • PROFACT

REGISTRATION \$ _____

NJTA Members '23 \$ _____

PROFACT Fee (Optional) \$ _____

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HOTEL RESERVATIONS: Call 609-317-1000

- **BORGATA HOTEL: \$ 109.00 (plus taxes) Room Rate**
 Use Group Code **GBTG22** for The Borgata Classic Rooms.
- **WATER CLUB: \$ 129.00 (plus taxes) Room Rate**
 Use Group Code **GTWT22** for The Water Club Rooms.

Cut-off date: TUESDAY, November 1, 2022

Reservations made after this date based on space availability and prevailing rates.

Final Deadline Date for EARLY Registration is TUESDAY, November 1, 2022. After this date, only ONSITE Registration accepted.

Cancellations must be in writing and received prior to November 1, 2022, and will be assessed a \$95 cancellation/processing fee. NO REFUNDS granted after November 1, 2022.

Rev. 9/1/22 Register ONLINE: www.njturfgrass.org • MAIL/FAX to GREEN EXPO Office • Keep Copy for your Records •

Date Received _____

Green Industry offers Sustainable Land Care Certification Workshop

by Lori Jenssen, Executive Director of the New Jersey Nursery & Landscape Association

It was a crisp, sunny day in September when over 40 people gathered at Alstede Farms in Chester, New Jersey. They were there to learn about what it takes to run a successful landscape business using sustainable low-impact practices, including battery-powered equipment.

The event, a collaboration between the NJ Green Industry Council, NALP (National Association of Landscape Professionals), AGZA (American Green Zone Alliance), NJ Nursery & Landscape Association, NJ Landscape Contractors Association and Richard A. McCoy Horticultural Services, included both classroom and outdoor field, hands-on use of battery powered equipment. Attendees were provided with a series of online webinars in advance of the event and had the opportunity to become an AGZA Certified Service Pro.

The day started from the “ground up” with a talk on soils by Brian Oleksak of County College of Morris followed by a presentation by Richard McCoy, who offered real-life experiences on making the transition from conventional landscape practices to ecological and organic land care. Dan Mabe, Founder of AGZA, pulled it all together with an honest, fact-based evaluation of the transition to battery power, including satisfying aesthetic expectations, and reaching Return on Investment (ROI). Specific topics included battery electric basics, infrastructure and charging, impact reduction and benefits, work productivity and considerations, economics, and case studies.

The group discussed some of the difficulties faced with current proposed legislation that doesn’t consider unintended consequences such as battery disposal, current & future supply chain issues and the need for seasonal exemptions. Attendees were informed of the work by New Jersey’s green industry organizations, with assistance from AGZA and NALP, on seeking financial incentives and a successful model of transition, driven by the industry that has always been environmentally conscious.

After lunch, the group had the opportunity to meet outdoors with representatives from Stihl, Husqvarna, and Mean Green for hands-on use of the equipment, including stringing a battery weed trimmer, navigating a 52-degree zero turn electric mower, and using other handheld tools such as a chainsaw and leaf blowers. Additionally, they could meet with native plant suppliers, Pinelands Nursery and Plant Detectives, and organic landscape material supplier, Tech Terra Environmental. An added benefit was the ability to observe McCoy Horticultural’s 1.6 kWh solar landscape maintenance trailer.

As the public demand for more sustainable practices increases, industry organizations are taking action by offering educational and practical opportunities to New Jersey’s stewards of the land. Together, we can respond to the consumer’s interest in sustainability and support the professionals that manage New Jersey’s landscape.





A Quick Look: 2022 GREEN EXPO SCHEDULE

EVENT CENTER: Take escalator to Level 2 from Casino Level • **MUSIC BOX THEATRE:** Casino Level
CENTRAL CONFERENCE CENTER: Middle of Casino (Take escalator to Upper or Lower Level Rooms)

TUESDAY		December 6, 2022	Sessions • Trade Show • Social	LOCATION
6:30 AM – 6:00 PM	Registration Open	Notepads Sponsored: ENVU		Registration Desk: Event Center, Level 2
7:00 AM – 4:00 PM	Speaker Ready Room			Boardroom 2: Event Center, Level 2
8:30 AM – 11:30 AM	GOLF			Central Conference Center: Casino Level, Upper
8:55 AM – 11:30 AM	CORE			Music Box Theatre: Casino Level
11:30 AM – 1:00 PM	All Attendees LUNCH	Sponsored: STORR TRACTOR COMPANY		Dine in one of Restaurants on Casino Level: (1) B-Prime (2) American Bar & Grille (3) Angeline
11:30 AM – 1:00 PM	Allied Associations Lunch: Industry Reps, Allied Groups - By Invite			Studio 3: Event Center, Level 2
11:30 AM – 12:30 PM	Women in Turf Lunch: Nicole Sherry, Speaker – By Invite			Boardroom 1: Event Center, Level 2
1:00 PM – 4:00 PM	GENERAL SESSION – Honoring Legacy of Dr. William Meyer			Music Box Theatre: Casino Level
4:00 PM – 7:30 PM	TRADE SHOW	Grand Opening Sponsored: SYNGENTA ‘Dine Around’ Sponsored: BASF Beverages Sponsored: LABAR GOLF RENOVATIONS		Salons A, B, C, D, Event Center, Level 2
TRADE SHOW– DAY 1				
5:00 – 5:30 PM	LEARNING CENTER – Session 1			Studio 1, Event Center, Level 2
6:00 – 6:30 PM	LEARNING CENTER – Session 2			Studio 1, Event Center, Level 2
WEDNESDAY	December 7, 2022	Sessions • Trade Show • Social	LOCATION	
6:30 AM – 4:30 PM	Registration Desk Open			Registration Desk: Event Center, Level 2
7:00 AM – 2:30 PM	Speaker Ready Room			Boardroom 2: Event Center, Level 2
7:00 AM – 8:30 AM	Rutgers Turfgrass Advisory Board Breakfast - By Invite			Studio 3: Event Center, Level 2
7:30 AM – 11:30 AM	SPORTS FIELDS			Central Conference Center: Casino Level, Lower 2
8:00 AM – 5:00 PM	ALLIED SESSIONS: IANJ (Irrigation Assn of NJ) - Separate Fees to attend			Central Conference Center: Lower Level, 3 & 4
8:30 AM – 11:30 AM	LAWN & LANDSCAPE			Central Conference Center: Casino Level, Upper
8:30 AM – 11:30 AM	GOLF			Music Box Theatre: Casino Level
9:00 AM – 10:30 AM	ALLIED SESSION: NJLCA (NJ Landscape Contractors Assn)			Studio 4: Event Center, Level 2
11:30 AM – 2:30 PM	TRADE SHOW	11:30 – 1:30 Lunch Sponsored: SAVATREE/TREE-TECH Beverages Sponsored: LABAR GOLF RENOVATIONS Shop, Bid, Win at the NJ Green Industry Council's SILENT AUCTION		Salons A, B, C & D: Event Center, Level 2
TRADE SHOW– DAY 2				Silent Auction: Back of Trade Show Floor
12:30 – 1:00 PM	LEARNING CENTER – Session 1			Studio 1, Event Center, Level 2
1:30 – 2:00 PM	LEARNING CENTER – Session 2			Studio 1, Event Center, Level 2
2:30 PM – 4:30 PM	ALLIED SESSION: NJNLA (NJ Nursery & Landscape Assn)			Studio 2, Event Center, Level 2
2:30 PM – 5:00 PM	GOLF	Sponsored: AQUATROLS and BASF		Music Box Theatre: Casino Level
2:30 PM – 5:00 PM	LAWN & LANDSCAPE			Central Conference Center: Casino Level, Upper
2:30 PM – 5:00 PM	SPORTS FIELDS			Central Conference Center: Casino Level, Lower 2
5:00 PM – 7:00 PM	MIX N MINGLE Reception	Sponsored: GRASS ROOTS		Borgata Pool & Pool Garden
6:00 PM – 10:00 PM	Speakers’ Dinner - By Invite			Meet in Lobby at 5:30 PM (Transportation Provided)
6:30 PM – 10:00 PM	ALLIED EVENT: IANJ Cocktail Reception & Awards Dinner (Separate Fees)			Central Conference Center: A, B, C, D
8:00 PM – 11:00 PM	“SUPERS” Social	Sponsored: GOLF COURSE SUPERS ASSN OF NJ		The Water Club, Indoor Pool
THURSDAY	December 8, 2022	Sessions • ProFACT Training/Exam	LOCATION	
7:00 AM – NOON	Registration Desk Open			Registration Desk: Event Center, Level 2
8:30 AM – NOON	BUCKLEY’S BOOT CAMP: Lawn & Landscape			Salon B: Event Center, Level 2
8:30 AM – NOON	RUTGERS SESSIONS: Golf			Salon A: Event Center, Level 2
9:00 AM – NOON	Sports Field Managers Assn of NJ: BOD Strategic Meeting			Studio 3: Event Center, Level 2
12:00 PM – 1:00 PM	Lunch on your own			Restaurants on Casino Level • Marketplace Eatery
1:00 PM – 3:00 PM	CORE			Salon A: Event Center, Level 2
1:00 PM – 2:30 PM	ProFACT Fertilizer Certification TRAINING – Spanish & English			Studio 1 (English) & 2 (Spanish): Event Center, Level 2
2:30 PM – 4:00 PM	ProFACT Fertilizer Certification EXAM (\$90 fee) – Spanish & English			Studio 1 (English) & 2 (Spanish): Event Center, Level 2
4:00 PM	2022 GREEN EXPO Concludes Thanks for Attending!			

Rutgers Turfgrass Research Field Days

July 26 & 27, 2022 - Hort Farm II, N Brunswick & Adelphia Farm, Freehold

Photos Courtesy of Shaun Barry



Women in Turf Break New Ground

Reprinted from Rutgers Golf Turf Management School article

Women are taking the turf work by storm. These hard-working individuals are breaking down barriers and make a name for themselves in this highly-competitive industry. Rutgers Professional Golf Turf Management School is proud to recognize a few of these powerful and successful women.

DR. KAREN PLUMLEY'S New Appointment as Office of Continuing Professional Education Director

On September 1, 2022, Dr. Karen Plumley began her role as the Director of Rutgers Office of Continuing Professional Education in New Brunswick, NJ. Dr. Plumley has an extensive educational and professional background in the turf industry, and this is expected to be reflected in her leadership of the Rutgers Professional Golf Turf Management School. Although Plumley admits, that a career in turf was not her initial goal, she is still passionate about her career choice. "I didn't grow up playing golf, so I found turf almost by accident. As I look back over a long, fulfilling career, I can't imagine a better way to have earned a living. Spending my days on golf courses. Talking with superintendents about their challenges. Helping them solve them. Educating the next generation of superintendents. It's been a wonderful experience," said Dr. Plumley.



Rutgers' Golf Turf Program Alumna JENNIFER TORRES Named Candidate for the GCSAA Board of Directors

On September 2, 2022, GCSAA announced their 2023 Board of Directors candidates. Among the candidates is Jennifer Torres, a Rutgers Golf Turf alumna and Superintendents at Westlake Golf and Country Club in Jackson, New Jersey. Torres is one of five candidates vying for three open director positions. The election will be held at the Annual Meeting in Orlando, FL

on February 9, 2023.

Torres's running platform focuses on bringing awareness to the turf industry as a career. "My platform for running for the board is my passion to bring others into the industry and try to help in the labor issue so many are facing," Torres said. "I believe we need to be seen and heard more. We need to promote this industry in our local schools and show students the value the turf industry has as a career. If I had not known someone in the business, my story would be very different.

All GCSAA members should contact their chapter delegate if they would like to support Torres's bid for the position. "It is going to be a tough fight," Torres said. "I am proud to represent NJ and Rutgers as the first female ever to run, and hopefully, win."

NOTE: If you or someone else would like to apply to the Rutgers Professional Golf Turf Management School, Two-Year Certificate Program, contact Laura Boyd for information: Laura Boyd, laura.boyd@rutgers.edu (848) 932-7184

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HALL OF FAME AWARD 2022: MATTHEW SWEATLOCK

Presented in recognition of a continuing lifetime commitment of dedication, service, and achievements contributing to the advancement of the turfgrass industry in New Jersey.



Matt has been a member of the New Jersey Turfgrass Association since the mid 1980's, and has been the cemetery industry's representative on the Rutgers Turfgrass Advisory Board since 1995.

In 2006, he became a director of The New Jersey Turfgrass Association, serving as its treasurer, vice-president, and president (2012-2013). He is currently serving as its treasurer. During his tenure, he has served on the Finance, Golf, and Legislative Committees. He fills in as a photographer at EXPO and Field Days. He was also involved with the development of the association's financial policy.

He is also involved with the New Jersey Turfgrass Foundation where he served as the vice-president, president, and is the current treasurer. He was on the committee to develop the financial policy and secure financial advisors for the Foundation.

Matt began his cemetery career in 1971 as a high school student cutting grass and working on the maintenance crew. A graduate of East Stroudsburg State College, Matt taught high school biology and freshman science for a year before returning to the cemetery as a full-time employee. In 1994 he was promoted to superintendent.

He was elected to the board of the New Jersey Cemetery Association in 1989, served as treasurer for 8 years, vice president for 3 years and as president for 3 years and is currently a director on that board. Matt is on the NJCA's legislative committee, providing testimony and hands-on-knowledge since 1994.

He is the superintendent of Cedar Park Cemetery in Paramus.

MEMBER OF YEAR AWARD 2022: DONOVAN MAGUIGAN

Presented to a member who has exhibited exemplary behavior and dedication in support of the goals and objectives of the association.



Donovan Maguigan is the golf course superintendent at Springdale Golf Club in Princeton, New Jersey, and serves on the board of directors of the New Jersey Turfgrass Association.

A turfgrass science graduate from The Ohio State University, Donovan began his career working at several golf course in Delaware including Bidermann Golf Course, Fieldstone Golf Club, and DuPont Country Club before moving to New Jersey in 2011, working at Seaview Golf Club. After five seasons at Seaview Golf Club, Donovan moved to Connecticut, working as the South Course Superintendent at Lake of Isles. In 2018, Donovan returned to New Jersey, working in Princeton at Springdale Golf Club.

Donovan briefly served on the NJTA board before moving to Connecticut in 2016, but returned to the board in 2018, serving as co-chairman of the Silent Auction. He currently serves as Chairman of Communications - *Clippings* and assisting with the Silent Auction and helping with Social Media. Donovan also serves on the Executive Board of the Golf Course Superintendent's Association of New Jersey. He is a 18-year member of the Golf Course Superintendent's Association of America.

He lives in Hopewell, New Jersey, with his wife, Jennifer.

RECOGNITION AWARD 2022: DIRK SMITH

Presented to a person, persons, or organization in grateful recognition for conscientious efforts toward better turf, thereby contributing to the beautification of facilities, a greener world, and a more attractive environment in New Jersey.



Dirk originally came to work as a technician at Rutgers on a grant under Dr. Robert Duell to analyze landfill closure techniques in April of 1988. A couple years later, upon the completion of that grant, Dirk transferred over to the Turfgrass Breeding program under the direction of Dr. C. Reed Funk, worked throughout Dr. William Meyer's tenure and continue to the present.

Over the more than 33 years in the breeding program, Dirk has had the privilege of helping develop many new cultivars of turf that have made impacts in quality and disease resistance. Though, while it seems that much of his time may have been spent digging a lot of holes, moving a lot of plants, sowing a lot of seeds, and looking at a lot of grass it's not without a sense of gratitude. Dirk is grateful to have gotten his start in breeding under the legendary Dr. Funk, and the chance to work for so many years with Ron Bara and Dr. Meyer, playing his small part of helping advance the program.

"More than any sense of achievement, though, I would say I have much greater appreciation for the many professors, students, other technicians and industry people I have been able to work with, help train or mentor and consider friends."

ENVIRONMENTAL STEWARD AWARD 2022: BOB WINDISH

Presented to a person, persons, or organization that has rendered distinguished service in projects which have as a major objective, the protection of our environment and the preservation of the eco-system of our state, our nation, and our planet.



Bob Windish founded Fairway Green in 1987 and has been a driving force in New Jersey lawn care ever since. He supports the NJTA, NJGIC, Rutgers Turfgrass and other green industry programs.

Bob's concerns for the environment are evident in the programs he offers and the training he provides his employees.

Bob has always strived to have his employees go beyond the minimum requirements when it comes to licensing and training. Rather than having employees Profact Trained and work with a Pesticide Operator's License, they are given supplemental training to ensure they become Profact Certified and also get their own Pesticide Applicator's License. Senior employees are given the opportunity to become NALP Certified Turfgrass Professionals in Cool Season Lawns.

Bob has created a wonderful place to work and the Windish family truly care about their employees. This can easily be seen by the fact he has over a half dozen employees of 20+ years.



25 US Highway 46 West • Wayne NJ 07470
Phone: 973.812.6467 • Fax: 973.812.6529

New Jersey Turfgrass Association MEMBERSHIP APPLICATION

Membership shall be open to all interested in the development and maintenance of turf.
It shall represent all facets of the turf industry, including persons or organizations
that grow or manage turf, or supply materials and services to the Green Industry.

JOIN ONLINE: www.njturfgrass.org - Click "Become a Member"

BENEFITS OF MEMBERSHIP •

- Savings on Green Expo & Field Days Registration fees
- Opportunities to earn Pesticide Applicator License Credits
- *Clippings* Magazine • Members Directory + Addendum
- Outreach & Education impact in Trenton
- Support of Rutgers University's Turf Research and turf programs
- Marketing opportunities in NJTA publications
- Participation in events that raise scholarships for the NJ Turfgrass Foundation
- Website: www.njturfgrass.org

WOULD YOU LIKE TO RECEIVE *CLIPPINGS* MAGAZINE BY: PRINT _____ EMAIL _____ BOTH _____

Membership Category Types (Annual Dues based on calendar year: January 1 – December 31)

All members receive separate mailings of NJTA publications and meeting notices.

- | | | |
|---|----|--------------------|
| <input type="checkbox"/> BUSINESS PARTNER (Manufacturer/Supplier or Sod Producer) | \$ | 425.00 |
| <i>Includes ONE TO FOUR individuals from same company.</i> | | |
| <input type="checkbox"/> ADDITIONAL BUSINESS PARTNER (5 or more) | \$ | 125.00 each |
| <input type="checkbox"/> TURFGRASS PARTNER (Golf Course, Lawn Care, Landscaper) | \$ | 300.00 |
| <i>Includes ONE TO THREE individuals from same company.</i> | | |
| <input type="checkbox"/> ADDITIONAL TURFGRASS PARTNER (4 or more) | \$ | 125.00 each |
| <input type="checkbox"/> INDIVIDUAL MEMBER (Either ONE Business or ONE Turfgrass Partner) | \$ | 125.00 |
| <input type="checkbox"/> STUDENT MEMBER (Those enrolled in turf-related educational programs.) | \$ | 25.00 |

Member Information

Name # 1 _____ Title _____
Company or Individual _____
Address _____
Is this Address? _____ Your Business _____ Your Home _____
City _____ State _____ Zip _____
Phone _____ Fax _____
Email _____ Cell _____
If Applicable: NJ Pesticide License # _____ Date of Birth (DOB) _____

Name # 2 _____ Title _____
Company or Individual _____
Address _____
Is this Address? _____ Your Business _____ Your Home _____
City _____ State _____ Zip _____
Phone _____ Fax _____
Email _____ Cell _____
If Applicable: NJ Pesticide License # _____ Date of Birth (DOB) _____



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JOIN ONLINE: www.njturfgrass.org - Click "Become a Member"

Name # 3 _____ Title _____

Company or Individual _____

Address _____

Is this Address? _____ Your Business _____ Your Home _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____ Cell _____

If Applicable: NJ Pesticide License # _____ Date of Birth (DOB) _____

Name # 4 _____ Title _____

Company or Individual _____

Address _____

Is this Address? _____ Your Business _____ Your Home _____

City _____ State _____ Zip _____

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Email _____ Cell _____

If Applicable: NJ Pesticide License # _____ Date of Birth (DOB) _____

Select PARTNER Category that Best Describes Your Business or Profession

<input type="checkbox"/> BUSINESS: Manufacturer/Supplier	<input type="checkbox"/> TURFGRASS: Cemetery
<input type="checkbox"/> BUSINESS: Sod Producer	<input type="checkbox"/> TURFGRASS: Parks and Recreation
<input type="checkbox"/> TURFGRASS: Golf Course	<input type="checkbox"/> TURFGRASS: Lawn Care Applicator
<input type="checkbox"/> TURFGRASS: Landscape/Lawn Maintenance	<input type="checkbox"/> TURFGRASS: Architect
<input type="checkbox"/> TURFGRASS: Irrigation Installation	<input type="checkbox"/> STUDENT: Enrolled in Turf Related Program
<input type="checkbox"/> TURFGRASS: Schools & Athletic Fields	<input type="checkbox"/> HONORARY: Rutgers Professionals, Award Wnr

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NJ TURFGRASS FOUNDATION CONTRIBUTION (Optional): This portion is tax-deductible. Supports Turfgrass Research & Scholarships	\$ 25.00
TOTAL AMOUNT DUE:	\$

Since 1970, New Jersey Turfgrass Association's (NJTA) Mission is to promote the Turfgrass Industry and enhance the environment through education, professionalism, leadership, and our partnership with Rutgers, The State University of New Jersey.

Meet the 2022 NJTA Board of Directors



Matt Lindner
President
SavATree



Jason Osterhoudt
Vice President
Metuchen Golf & Country Club



Michael Reed
Secretary
SynaTek Solutions



Matt Sweatlock
Treasurer
Cedar Park Cemetery



Rob Johnson
Foundation President & NJTA Past President
Fisher & Son



Shaun Barry
Golf Classic Chair



Marney Stauffer
Director
Corteva Agriscience



Ryan Petitti
Director
Green Lawn Fertilizing



Tracy Wadhams
Field Days Chair
Traywood LLC



Justin Shield
Director
Down to Earth Landscaping



Craig Tolley
Director
County College of Morris



Chris Carson
Expo Chair
Echo Lake Country Club



Donovan Maguigan
Director
Spingdale Golf Club



Josh Kopera
Director
Harrell's



Aaron Kurdyla
Director
Garden State Landscapes

Serving on the Board of Directors of the New Jersey Turfgrass Association is very rewarding.

We welcome you to become more involved by joining a committee for one of our events - Golf Classic, Field Days, or Green Expo.

**If you have interest or questions, please reach out to any of our board members or our Executive Director.
execdirector@njturfgrass.org**

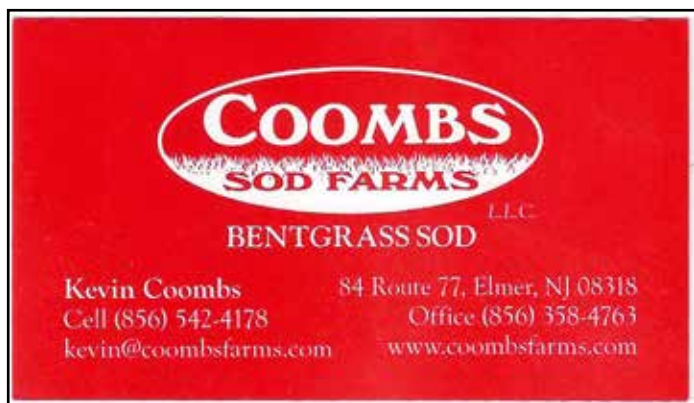


Cece Peabody, MAT, CMP
Executive Director
NJTA / NJTF



Dr. James Murphy
Advisor
Rutgers University

Thanks!



2022 EVENTS

Tuesday, December 6, 2022 -

Thursday, December 8, 2022

GREEN EXPO

Turf & Landscape Conference

Borgata Hotel & Casino, Atlantic City, NJ

2023 EVENTS

Monday, May 1, 2023

Rutgers Turfgrass Research

GOLF CLASSIC

Fiddler's Elbow Country Club

Bedminster, NJ

Tuesday & Wednesday

July 25 & 26, 2023

Rutgers Turfgrass Research Field Days

Tuesday - Thursday

December 5 - 7, 2023

Green Expo Turf & Landscape Conference

Rutgers Extension Offices & Numbers

RCE of Atlantic County	(609) 625-0056
RCE of Bergen County	(201) 336-6780
RCE of Burlington County	(609) 265-5050
RCE of Camden County	(856) 216-7130
RCE of Cape May County	(609) 465-5115
RCE of Cumberland County	(856) 451-2800
RCE of Essex County	(973) 228-2210
RCE of Gloucester County	(856) 307-6450
RCE of Hudson County	(201) 915-1399
RCE of Hunterdon County	(908) 788-1339
RCE of Mercer County	(609) 989-6830
RCE of Middlesex County	(732) 398-5260
RCE of Monmouth County	(732) 431-7260
RCE of Morris County	(973) 285-8300
RCE of Ocean County	(732) 349-1246
RCE of Passaic County	(973) 305-5740
RCE of Salem County	(856) 769-0090
RCE of Somerset County	(908) 526-6293
RCE of Sussex County	(973) 948-3040
RCE of Union County	(908) 654-9854
RCE of Warren County	(908) 475-6505

*Please notify the NJTA office if any of the
above numbers have changed. Thank you.
973-812-6467 • execdirector@njturfgrass.org*



clippings

2022 NJTA Board of Directors

- Matt Lindner, President
- Jason Osterhoudt, Vice President
- Michael Reed, Secretary
- Matt Sweatlock, Treasurer
- Cece Peabody, MAT, CMP, Executive Director
- Rob Johnson, Foundation President
- Shaun Barry, Golf Classic Chairman
- Chris Carson, Green Expo Chairman
- Josh Kopera, Director
- Aaron Kurdyla, Director
- Donovan Maguigan, Director
- Justin Shield, Director
- Marney Stauffer, Director
- Ryan Petitti, Director
- Craig Tolley, Director
- Tracy Wadhams, Director
- Dr. Jim Murphy, Rutgers Advisor

New Jersey Turfgrass Association

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- ◆ Sports Turf - fertility, sand-based root zone
- ◆ Technical - permeability and ecological
- ◆ Individual / Specialized Tests
- ◆ Irrigation Water - pH, salts, nitrate-nitrogen, phosphorus, iron

<http://njaes.rutgers.edu/soiltestinglab/> or call
848-932-9295 or email soiltest@njaes.rutgers.edu
57 Rt. 1, New Brunswick, 7:30 am to 5 pm weekdays.