

RUTGERS
Turfgrass Research
FIELD DAYS

TUESDAY, JULY 26, 2022

GOLF & FINE TURF

HORT FARM II, NORTH BRUNSWICK, NJ

WEDNESDAY, JULY 27, 2022

**LAWN, LANDSCAPE, SPORTS FIELDS
& SFMANJ TRADE SHOW & EQUIPMENT DEMOS**

ADELPHIA FARM, FREEHOLD, NJ

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President's Message: Matt Lindner



Matt Lindner
NJTA President

The NJTA has been in full swing and very busy the past few months. The board has been able to go back to in-person meetings while still offering virtual options for those that can't travel to Hort Farm II due to conflicts. The in-person meetings have "re-energized" all board members and the virtual option has allowed those who can't attend in person, to still be a part of the NJTA Board.

The NJTA Golf Classic returned to Fiddler's Elbow on May 2, 2022. Though the weather was misty and overcast at first, by the time the 380 golfers hit the course, the mist had stopped and when everyone returned to the club house from a great day of golf, the sun appeared. We all need to thank **Shaun Barry** and his entire team for making the annual event successful. The final numbers are not in, as of this writing, but with 380 golfers, numerous sponsors, mulligan sales and the high energy of all attendees, I believe Rutgers will be happy with the results.

As part of the Golf Classic, a silent auction was held and was led by **Josh Kopera, Donovan Maguigan** and their team. This year, there were 110 different items offered for everyone to bid on and win. Once again, as of this writing, the final dollars collected are not in, but many items were sold thanks to the Silent Auction Team. Thank you also to the many vendors and individuals that submitted items for the auction. Without your support, the auction would not be possible.

Upcoming Events – SAVE THE DATES

The Rutgers Turf Field Days are set so make sure you save these dates and register early for either or both days.

Tuesday, July 26 – Golf Turf Field Day, Hort Farm 2 – Along with the plot tours, a great lunch, a silent auction, there will be a ProFACT training session from 2:00 – 3:30 followed by a NJ Fertilizer Exam, (\$90 fee) beginning at 3:30 PM. As a reminder, any person that applies or has applied a granular fertilizer in the state of NJ, is required to have a ProFACT license. The training session and the exam will be offered in both English and Spanish.

Wednesday, July 27 – Lawn, Landscape and Sports Fields Day, Adelphia Farm and SMANJ Trade Show and Equipment Demos – As with the full day of plot tours, equipment demonstrations, a great lunch, a silent auction, there will be a new addition to the program. You have asked and NJTA will provide hands-on training for both liquid and granular application equipment from 2:00 – 3:00 PM. This is a wonderful opportunity for experienced and inexperienced professionals to hone their calibration skills. Applying the proper materials at the proper rates is key to not only success for control but doing what is right for the environment.

More information on the Field Days registration and other upcoming events are contained in this Clippings. Plan to take part in all events presented by NJTA. Remember, the NJTA is here to serve you and support the great turf programs at Rutgers University.



Keeping Your Brain Busy and Healthy

In a recent survey in the Dallas Lifespan Brain Study, survey authors found that having a busy schedule was associated with better brain processing, improved memory, sharper reasoning and better vocabulary. The positive effect of busyness on the brain was consistent across age. The researchers suggest that staying busy increases people's ability to learn new things, as they may be exposed to different situations, people, and information on a daily basis. It's also possible that people with higher cognitive abilities are also more likely to be busier. The study cannot definitely determine that busyness also causes better brain health.

So...what about the stress that can come from a tight schedule? The study suggests that being very busy could impact cognition, but the benefits of busyness outweigh the downside of it.

Cece Peabody, MAT, CMP
Executive Director

Your brain is the most important organ in your body. It handles the way you think, the way you feel, the way you perceive different stimuli around you. It stores your memories and keeps you attentive and well organized, and much more.



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2022 Rutgers Turfgrass Research Field Days

By Craig Tolley

Time to mark your calendars, The Rutgers Turfgrass Research Field Days are back! This year we will be returning to our traditional July dates and locations. The **Golf and Fine Turf** day will be held on July 26th at Hort Farm II, in North Brunswick. **Lawn, Landscape and Sports Field Day** will be held July 27th and returning to the Adelphia Farm in Freehold.

Remember to register early, and be prepared for a day filled with excellent educational presentations. Take advantage of the opportunities to meet the Rutgers Professors and research team. Registration can be completed online through the NJ Turfgrass Association's website (www.njturfgrass.org). Register early and take advantage of the early registration discount, that is almost 25% off the registration fees. Early registration will be available until July 11th. We were also able to extend the membership discount to our allied association members - Sports Field Managers Assoc of NJ, Golf Course Superintendents Assn of NJ, New Jersey Landscape Contractors Association, New Jersey Nursery & Landscape Association, Cultivated Sod Growers Assn of NJ.

This year there is a special rate for students and master gardeners (\$35.00 per day) so bring your interns; help instill the value of education and continual self improvement.

Each day will be filled with opportunities to earn recertification credits for your licensed pesticide applicators and those with the ProFACT fertilizer license. Give your crew the benefit of learning about the new developments in pest management; the research presentations will discuss disease, insect and weed control.

The Golf and Fine Turf Day (July 26), at Hort Farm 2, has research on new strategies for controlling *Kyllinga* and managing weeds in naturalized areas. You will get to see and learn about the latest technology in measuring surface water retention; the study has been focusing on putting greens while looking at the influences of topdressing and aerification. There will also be presentations evaluating best management practices for control of Dollar Spot and other important turf diseases.

The Golf and Fine Turf will have a return of the optional, early morning Core Session, for those looking to maximize their educational opportunities. Again, register early as space is limited in the classroom. This day will end with the added opportunity to complete the ProFACT training, which will be offered in both Spanish and English (register early due to limited space). The ProFACT Exam will be available after the training is completed. The exam fee is \$90.00.

The Lawn, Landscape and Sports Field Day (July 27), back at Adelphia, will see the return of the Sport Field Managers Association's trade show and equipment demonstrations. At this location attendees will be able to learn about the new research on soil amendments and best management practices for weed control.

Additionally, the breeding work on perennial ryegrass will be presented, specifically looking at diseases and stress tolerance.

Invest in your team, and help grow your employees and bring the whole crew. One of the best ways to improve morale is to educate your crew. Bringing your crew to the field days is a great way to establish team bonding and show appreciation, while providing education and growing your employees.

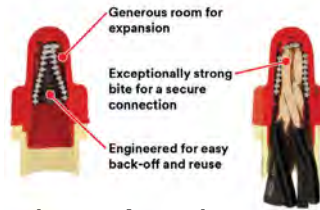
The NJ Turfgrass Foundation will be holding their silent auction both days. There will be items for professional and personal use, so be sure to set aside some time to see what is available. The field day committee would like to thank all the sponsors and individuals who help make this event happen.





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Golf Classic 2022 - Wrap Up

Shaun Barry
Golf Classic Chair

On May 2, 2022, the Rutgers Turfgrass Research Golf Classic returned to its normal May date and it was a wonderful success. *Drs. Clarke and Meyers* were once again the driving forces promoting this event. Between them, their efforts resulted in 17 Premier Sponsors. They did however appreciate getting help from *Drs. Bonos, Elmore and Murphy* in securing those major sponsors. Since each Premier Sponsor can bring 12 players these sponsors represent 204 players. That number of players alone would represent a very successful fundraiser for any other Turfgrass Fundraiser. The Rutgers Turfgrass Golf Classic is not however any other Turfgrass Fundraiser. We ended up with 370 golfers. That number would have been 406 players if everyone that was signed up to play was actually able to play. Even with the field being reduced by 36 players the head professional at Fiddler's Elbow announced that we are the largest outing that they have. Fiddler's has many outings and even though most are much smaller than our Classic he stated that none run as smoothly as ours does. That is quite a compliment to the organizational skills of Cece Peabody, her staff, the Classic Committee, NJTA members and the numerous Rutgers staff and grad students that volunteer to help at registration.

Bill is retiring and Bruce has retired but Bruce will stay involved with the Classic and hopefully Bill will find the time and desire to help in 2023 and beyond. With Jim, Matt and Stacy getting more involved the future for the Classic remains bright.

The weather did cause the committee concern because nobody knew when the rain would stop and how much rain was going to be too much rain. Luck was on our side and the rain moved out just as we started registration. All three courses remained in great shape and we avoided a potential cart path only scenario. It was great to see that all of drainage work that *Matt Willigan, Steve Saxe, Dennis Shea* and their staff has done was well worth the effort.

Registration was headed by *Steve Chirip, Les Carpenter and Craig Lambert*. All of the registrants went through the circle and every vehicle was met by Rutgers volunteers. Everyone knows *Rich Buckley and Sabrina Tirpak* but the following grad students will soon be as well known. They are *Cathryn Chapman, Katie Diehl, William Errickson, Sean Frazee, Kyle Genova, Jen Halterman, Mark LaBarge, Eric MacPherson, Sean McBride, Stephanie Rossi and Eric Weibel*. I had to introduce you to these volunteers because of the explanation Stephanie Rossi expressed to me and I think she spoke for all of the students. She was highly motivated to volunteer because she so appreciates all of the financial support each turf student receives. Every student received help and she understood that this help was the result of the wonderful relationship between the Center For Turfgrass Science and industry. She just wanted to say thanks to Rutgers and everyone who was part of this event by volunteering. We should all be proud of these great students as they prepare to be our future leaders.

The day remained cloudy and cool but nobody complained. The courses were in great shape and everyone stayed hydrated and the multiple grill stations on each course assured our players that they would enjoy fresh off of the grill burgers and hot dogs. Immediately after golf the Grand Reception started. There were so many choices most people weren't able to try everything and every selection was replenished long before it came close to running out.



GOLF Classic *continued from previous page*

The Silent Auction, 50/50 and Mulligans gave everyone a chance to win something and this year one of the committee members added a once in a lifetime opportunity. He ordered two bobble head dolls for a special raffle. One was a *Dr Clarke* bobblehead and the other was a *Dr Meyer* bobblehead. It was his way of honoring these gentlemen. In addition to this he gave Bill and Bruce their own bobble head. Unfortunately he tested positive for Covid and wasn't able to attend.

Dr Murphy thanked all of the managers, chefs and staff at Fidler's that are so important to our successful event and *Dr Bonos* thanked our Premier, Eagle and Birdie sponsors individually. Those sponsors will be listed in this article. Please take some time to review their names because we couldn't be as successful without them. Stacy also acknowledged all of our other sponsors and attendees. Rutgers and the NJT Foundation know the importance of all of our supporters.

The winners of our competitions and skill prizes will also be listed within. What we forgot to mention during the prize giving was the results from the Dr Clarke vs Dr Meyer annual competition. To the surprise of no one, Dr Meyer continued his winning streak. He was responsible for more Classic sponsor dollars than Bruce was able to claim. This means that Bruce will treat Dr Meyer to a steak dinner at the restaurant of Bill's choosing and Bill knows how to choose a great restaurant.



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Dr. Bruce Clarke & Dr. William Meyer



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GOLF Classic *continued from previous page*

Normally that would be the end of this article but there are three things involving Bruce that need to be shared. As many know, Bruce is one of the Rutgers professors that station themselves on one of the courses to greet the players. Bruce is not a golfer yet but he enjoys hitting a putt for each team to show them the line and speed.

The Pocono Turfgrass Association asked Bruce to hit first on a downhill quick putt with a big break. It was 36 feet long and Bruce made the putt and according to the Pocono team that putt was the key to them become the winning association. I think the accompanying cheers could be heard all over the Forest Course.

The second notable item is that because Bruce has retired he wanted to do something special for *Dr Belanger and Dr Koppenhofer* to thank them for always volunteering to greet our players on the other two courses. He gave them a beautiful pair of champagne glasses. What a nice touch!

The final item that I have to share may mean the most to Bruce. When people were buying the raffle tickets for the bobble head dolls they were asked to choose which doll they wanted and so the money was separated. As you can guess, Bruce raised slightly more money than Bill. What a great ending! Two of our most favorite people left the 2022 Rutgers Classic as winners.

Let's all mark **May 1, 2023**, on our calendars to make sure we don't miss another record setting Classic.

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NOTE: 204 players

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NOTE: 40 players

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NOTE: 28 players



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26TH ANNUAL RUTGERS TURFGRASS RESEARCH GOLF CLASSIC

May 2nd, 2022

Special Format Results

Place	Team Members	Score	Gift Card
1st Rutgers Cup	Nick Alley	65	\$125
Grass Roots	Ken Anson		\$125
	Sean Charles		\$125
	Joe Scioscia		\$125
First Association	Steve Chirip	58	\$125
Pocono TGA	Les Lear		\$125
	Duane Schell		\$125
	John Chassard		\$125
Last Association	Aaron Kurdyla	68	\$100
NJTA	Jason Osterhoudt		\$100
	Marney Stauffer		\$100
	Matt Sweatlock		\$100

Forest Course Results

Place	Team Members	Score	Gift Card
1st	Nick Adams	56	\$125
Helena Agri	Lou Bettencourt		\$125
	Tim Gerzabek		\$125
	Bill Goodrich		\$125
2nd	Bob Burd	57	\$100
DLF Pickseed	Ryan Davidheiser		\$100
	Scott DeBolt		\$100
	Scott Chaney		\$100



River Course Results

Place	Team Members	Score	Gift Card
1st <i>East Coast/Delea Seed EZ-GO</i>	Kelly Barry	56	\$125
	Steve Waikiewicz		\$125
	Andy Bulizak		\$125
	Jeff Seaman		\$125
2nd <i>Rutgers, CTS</i>	Jeffrey Edwards	59*	\$100
	Dr. Richard Edwards		\$100
	Dr. Richard Hurley		\$100
	Lisa Jensen		\$100

Meadow Course Results

Place	Team Members	Score	Gift Card
1st <i>Paige Electric</i>	Adam Abril	55*	\$125
	Steve Heller		\$125
	Joe Maucieri		\$125
	Wade Slover		\$125
2nd <i>SavATree</i>	Craig Decker	55*	\$100
	Rob Finnesey		\$100
	Matt Lindner		\$100
	Jeremy Scannell		\$100

Closest to the Pin Results

Hole	Name	Distance	Gift Card
Forest #8	James Bryson	2' 0"	\$75
Forest #17	Bob Burd	6' 6"	\$75
River #4 (Women)	Denise Smith	72' 9"	\$75
River #8 (Men)	David Willenbrock	13' 8"	\$75
River #8 (Women)	None	N/A	\$75
River #17 (Men)	George Manos	5' 2"	\$75
River #17 (Women)	Lisa Jensen	9' 11"	\$75
Meadow #9	Brendan Meade	2' 6"	\$75
Meadow #11 (Women)	Trippy Weidenbach	?	\$75
Meadow #17	E. Burnley	10' 9"	\$75

Longest Drive Results

Hole	Name	Gift Card
Forest #7	Tom Currie	\$75
Forest #14	Sean Kelly	\$75
River #1 (Men)	Nick Tristani	\$75
River #1 (Women)	Denise Smith	\$75
Meadow #7 (Women)	Marney Stauffer	\$75
Meadow #13 (Men)	Bret Corbett	\$75
Meadow #13 (Women)	Bingru Huang	\$75

**Ties are Broken based on Back 9 Score*



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Neonicotinoid Law Update

On January 18, 2022, New Jersey Governor Phil Murphy signed into law A2070/S1016, which prohibits most outdoor non-agricultural uses of neonicotinoid pesticides. Considered a landmark legislation, New Jersey now has one of the most restrictive laws concerning the use of such products in the U.S.

This law directs the Department of Environmental Protection (DEP) to classify neonicotinoid pesticides designed or intended for use in outdoor applications as restricted use pesticides and establish a list of chemicals that belong to the neonicotinoid class of chemicals to be included under this classification. 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.

As a restricted use pesticide, neonics designed for outdoor use could only be purchased and used by certified and licensed pesticide applicators, or persons working under the direct supervision of a certified and licensed pesticide applicator. While certain exemptions such as agricultural uses will apply, any additional exemptions will need to be determined by the DEP.

Also included in the legislation, a person would be restricted from selling or offering for sale, within the State, any neonic pesticide, unless the pesticide is registered and will only be applied by a licensed pesticide applicator to an agricultural plant.

Under the law, the DEP will have one year to generate the rules and regulations that will classify neonicotinoid pesticides as restricted use. However, the law will not fully take effect until October 31, 2023.

Gas Leaf Blower Ban Bills Update

There are several pieces of legislation that have been recently introduced in New Jersey that are aimed at banning gas powered leaf blowers and other gas-powered lawn equipment for various reasons including noise pollution.

Bill S437 is sponsored Senator Bob Smith. This bill seeks to prohibit the sale and use of gas-powered leaf blowers in NJ. It has been introduced and is in the prefile phase.

Bill A1939 is sponsored by Assembly Woman Lisa Swain. This bill directs the Board of Public Utilities (BPU) to establish a rebate program for the purchase of electric-powered or battery-powered leaf blowers.

Bill A3906 is sponsored by Assemblyman Herb Conway. Prohibits sale and use of gas-powered lawn equipment in NJ; provides Corporate Business Tax (CBT) and gross income tax credits for purchase of certain zero-emission lawn equipment.

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 have engaged legislators in the early phases of these bills to discuss how we can craft reasonable policy to not adversely affect the green industry in New Jersey. Our goal is to be a voice for the green industry to make sure the impact of these bills is minimal as we look to adopt electric powered blowers and electric powered turf equipment alternatives in the future.

For more information visit njgic.org.

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2022 Rutgers Turfgrass Research FIELD DAYS

This form is Early Registration Only. If not returned by 7/11/22, you must register On-Site.

Tuesday, July 26, 2022

GOLF & FINE TURF Day

Hort Farm 2, 102 Ryders Lane, North Brunswick NJ 08902

WHY YOU SHOULD ATTEND:

- Meet the Rutgers Experts
- Creeping Bentgrass and Kentucky Bluegrass NTEP Trials
- Advances in Disease, Insect, Weed Control
- New Strategies for Kyllinga Control and Naturalized Area Weed Mgmt.
- Best Management Strategies for Control of Dollar Spot, and Other Important Leaf and Root Diseases of Turf
- The Latest Technology in Measuring Surface Water Retention of Putting Greens as affected by Topdressing and Aeration.

TUESDAY ONLY: SPANISH & ENGLISH: Basic Training for the Professional Fertilizer Applicator Certification or Recertification Exam (\$90 Fee)

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SCHEDULE OF THE DAY

7:30 AM	Registration Opens
8:00 – 8:30 AM	CORE SESSION GEIGER CLASSROOM - 1 Credit OPTIONAL
	SILENT AUCTION Opens
9:00 AM	TOURS Begin
1:00 PM	TOURS End
1:00 – 2:00 PM	Lunch & SILENT AUCTION Ends
2:00 PM	Field Day Ends (Unless staying for below)

Bring a
Portable
Chair
for the
Tours

OPTIONAL PROFACT TRAINING & EXAM **GEIGER CLASSROOM**

2:00 – 3:30 PM	TRAINING for ProFACT in SPANISH and ENGLISH (Professional Fertilizer Applicator Certification) – Earn 3 re-certification credits - No Fee
3:30 – 5:00 PM	Fertilizer EXAM - \$90 Fee Available In SPANISH and ENGLISH

Pre or On Site Registration Available for Training & Exam

Wednesday, July 27, 2022

LAWN, LANDSCAPE & SPORTS FIELD Day

Adelphia Farm, 594 Halls Mill Road, Freehold NJ 07728

TRADE SHOW & EQUIPMENT DEMOS

Sponsored by SFMANJ (Sports Field Managers Assoc. of NJ)

WHY YOU SHOULD ATTEND:

- Meet the Rutgers Experts
- Best Management Practices for Weed Control
- See the Most Advanced Cultivars
- Learn about the Benefits of Soil Amendments
- Learn about Species and Cultivars Adapted for the Shade
- The Latest Sports Field & Grounds Products

DIRECTIONS to Farms on website - njturfgrass.org

SCHEDULE OF THE DAY

7:30 AM	Registration & TRADE SHOW Opens
	SILENT AUCTION Opens
9:00 AM	TOURS Begin
1:00 PM	TOURS End
1:00 – 2:00 PM	Lunch & SILENT AUCTION Ends
2:00 PM	Field Day Ends (Unless staying for below)

OPTIONAL CORE SESSION **HART PAVILION** 1 Credit

2:00 – 3:00 PM **NEW!! CALIBRATION CORE SESSION** **GRANULAR & LIQUID CALIBRATION** **A PRACTICAL HANDS-ON TRAINING**

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Use Registration Form on other side or Register Online at www.njturfgrass.org

This Event is hosted by the New Jersey Turfgrass Association • 25 US Hwy 46 W, Wayne NJ 07470 • DIRECTIONS ON WEBSITE

Questions? Contact Cece Peabody, NJTA Office: (973) 812-6467 • Anne Diglio, Rutgers: (848) 932-6396

NJTA Office Fax: (973) 812-6529 • execdirector@njturfgrass.org

5/15/22



2022 EARLY REGISTRATION FORM FIELD DAYS

Pesticide Credits
Awarded
at end of Event

THIS FORM IS EARLY REGISTRATION ONLY • If not received by MONDAY 7/11/22, you must Register Onsite.

**** To qualify for the "MEMBER" rate, you must be a current member of at least one of the Association(s) listed below or Join the NJTA with this form:**

(1) New Jersey Turfgrass Assn (NJTA) (2) Sports Field Mgrs Assn of NJ (SFMANJ) (3) Golf Course Superintendents Assn of NJ (GCSANJ)
(4) NJ Landscape Contractors Assn (NJLCA) (5) NJ Nursery & Landscape Assn (NJNLA) (6) Cultivated Sod Growers Assn of NJ (CSGANJ) Membership will be verified.

Put Check by Association(s) you are MEMBER of: ☐ NJTA** ☐ SFMANJ** ☐ GCSANJ** ☐ NJLCA** ☐ NJNLA** ☐ CSGANJ**

Need Special Assistance? Let us know in advance.

Name: _____

**Bring a Portable Chair
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10% Discount for 10 or more attendees from same Company

SELECT BOX FOR NUMBER ATTENDING EACH DAY

FEES: EARLY REGISTRATION

Tues. 7/26/22

Weds 7/27/22

**** MEMBERS: Early Registration (Before 7/11/22) - \$65**
[OnSite Pricing After 7/11/22 increases to \$85]

x \$65 Each Day
Check # attendees & fees

☐ 1=\$ 65 ☐ 2=\$130
☐ 3=\$195 ☐ 4=\$260

☐ 1= \$ 65 ☐ 2=\$130
☐ 3= \$195 ☐ 4=\$260

NON-MEMBERS: Early Registration (Before 7/11/22) - \$85
[OnSite Pricing After 7/11/22 increases to \$105]

x \$85 Each Day
Check # attendees & fees

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☐ 3=\$255 ☐ 4=\$340

☐ 1= \$ 85 ☐ 2=\$170
☐ 3= \$255 ☐ 4=\$340

Students or Rutgers Master Gardeners: Send/Show ID

x \$35 Each Day

☐ \$ 35

☐ \$ 35

TUESDAY - SPANISH & ENGLISH 2:00 - 3:30 PM: ProFACT TRAINING - N/C • 3:30 - 5:00 PM: ProFACT EXAM \$90 EXAM ☐ _____ x \$90 Exam

WEDNESDAY - CALIBRATION SESSION - NO CHARGE 2:00 - 3:00 PM

PAYMENT & ATTENDEES INFORMATION •

To Register Online: www.njturfgrass.org • Questions? CALL (973) 812-6467

Company: _____ **Today's Date:** _____

Address: _____

City: _____ **State:** _____ **Zip** _____

Phone: _____ **Fax:** _____

For EACH Attendee: Enter FIRST & LAST Name • Email • NJ Pesticide License • DOB (Date of Birth) • Circle Which Day/s Attending:

1 First _____	2 First _____	3 First _____	4 First _____
1 Last _____	2 Last _____	3 Last _____	4 Last _____
Email _____	Email _____	Email _____	Email _____
NJ Pesticide License # _____	NJ Pesticide License # _____	NJ Pesticide License # _____	NJ Pesticide License # _____
Date of Birth (DOB) _____	Date of Birth (DOB) _____	Date of Birth (DOB) _____	Date of Birth (DOB) _____
Days Attending: TUES • WEDS • BOTH	Days Attending: TUES • WEDS • BOTH	Days Attending: TUES • WEDS • BOTH	Days Attending: TUES • WEDS • BOTH

NJTA MEMBERSHIP (Join Today with Registration and Pay Member Rate)

2022 NJTA Membership: (January 1 - December 31)

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x \$ 125 Each

\$ _____ **Print name in box below.**

• Turfgrass Partner: *Golf Courses, Lawn Care, Landscapers, more*

x \$ 300 (1- 3 Names)

\$ _____ **Print names in box below.**

• Business Partner: *Manufacturer, Suppliers or Sod Producers*

x \$ 425 (1- 4 Names)

\$ _____ **Print names in box below.**

Print Member Names:

TOTALS: Fees \$ _____ • Membership \$ _____ TOTAL DUE \$ _____

MAIL CHECK (Payable to NJTA): 25 US Hwy 46 W, Wayne NJ 07470 • Fax Form w/ Credit Card or Purchase Order # to: (973) 812-6529

REGISTER & PAY ONLINE: www.njturfgrass.org • CALL if questions: (973) 812-6467

Payment: TOTAL Enclosed: \$ _____ *Registration fees are non-refundable.

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Account Number: // _____ // _____ // _____ // _____ //

Exp. Date (MM/YY): // _____ // _____ // Security Code: // _____ //

Name on Account: _____

Billing Address (if different from above): _____ Billing Zip Code: _____

Authorized Signature: _____ Date: _____

**Purchase Orders must be
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Registration Form.
Signed POs mean you are
responsible for payment.**

5/08/22



2022 Rutgers Turfgrass Research Field Days SPONSOR OPPORTUNITIES Tuesday, July 26 & Wednesday, July 27



The **Rutgers Turfgrass Research Field Days** are some of the finest and most respected events in the country. Rutgers, Center for Turfgrass Science, will share the latest research with turfgrass managers and green industry professionals. This research helps professionals make improved turfgrass management decisions. ***We invite you to partner with NJTA and become a SPONSOR.*** We accept multiple sponsors in each category, with the exception of golf carts and water/ice. Thanks in advance for your support!

Tracy Wadhams, NJTA Director and Field Days Chair

SPONSORSHIP LEVEL		COST	BENEFITS
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BREAKFAST & AM BREAK (Coffee/Tea & Pastries & Fruit/Snacks)	☐	\$ 700	THREE (3) Complimentary Registrations. * Company logo/Name on Signs & Posters • Verbal recognition
ICE CREAM	☐	\$ 600	TWO (2) Complimentary Registrations. * Company logo/Name on Signs & Posters • Verbal recognition
FIELD DAY Research Support	☐	\$ 300	Company Name on Poster
• GOLF CARTS (Utility & People Movers)	Thanks to VIC GERARD GOLF CARS FOR THEIR CONTINUED SUPPORT OF THIS EVENT		
• WATER	Thanks to SAM'S CLUB, Edison FOR THEIR CONTINUED SUPPORT OF THIS EVENT		
• TENT	Thanks to Rutgers, OCEP FOR THEIR CONTINUED SUPPORT OF THIS EVENT		

Yes, we would love to be a 2022 FIELD DAY SPONSOR! ☐ Please Invoice ☐ Payment Info Below

Date _____ Company _____ Contact _____

Billing Address _____

City/State/Zip _____

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ATTENDEE NAMES (Number based on Sponsor Level):

TUESDAY	WEDNESDAY
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

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NEW JERSEY TURFGRASS FOUNDATION SILENT AUCTION 2022 DONATIONS Form – Complete & Return

All Proceeds Benefit the New Jersey Turfgrass Foundation

The New Jersey Turfgrass Foundation holds a **SILENT AUCTION** during both Rutgers Turfgrass Research Field Days. All proceeds benefit the New Jersey Turfgrass Foundation, which directly supports Rutgers University Turfgrass Research Programs, Scholarships, and much more.

We encourage you to support cutting-edge turf education and research by donating products, gifts, trips, or services.

**Complete the form below with details of your donated products, gifts, trips, or other,
and how those items should be handled if won.**

Fax: (973) 812-6529 • Email: execdirector@njturfgrass.org

Thank you in advance for making a donation to the 2022 Silent Auction!

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	We will bring product to the SILENT AUCTION		We will deliver product to the WINNER	Winner must PICK UP the product
	Include Auction item on Tuesday, July 26, Golf & Fine Turf Day		Include Auction item on Wednesday, July 27, Lawn, Landscape & Sports Fields Day	Include Auction Item on either Tues or Weds

Spring (and Summer) Leaf Spot Diseases in the Lawn and Sports Turf

by Richard J. Buckley, Rutgers University, Plant Diagnostic Lab

Spring and early summer bring leaf spot diseases to cool-season grasses in home lawns, parks and grounds, on sports fields, and occasionally on golf courses. These diseases are caused by fungi in the genera *Curvularia*, *Bipolaris* and *Drechslera*. Every cool-season turfgrass species has at least one leaf spot disease associated with it, but the most common and well researched of the spring leaf spot diseases is Leaf Spot and Melting Out of Kentucky Bluegrass, so it gets the most attention here.

Symptoms and Signs

The causal fungi of these diseases penetrate and infect leaf tissues, producing small brown spots. The spots on infected leaves expand and develop dark purplish or reddish-brown oval borders with tan centers. These spots are often described as “football” shaped (**Photo 1**). And as the disease progresses, infected leaves yellow and senesce prematurely.



Photo 1: “Football” shaped leaf lesions on Kentucky bluegrass caused by *Drechslera poae*.

This process can thin turf stands, but most modern turfgrass varieties can tolerate minor infections and the loss of a few leaves, so the thinning is generally minimal (**Photo 2**).

Under ideal conditions for disease development, or with very susceptible cultivars, the crowns and roots of infected plants also become diseased, resulting in a brown or black rot of the crown tissue. Once the crown becomes dysfunctional, individual plants begin to fail as the temperature and evapotranspiration demand on the grass increases into the summer months. This usually results in severe thinning of the turf stand and is known as the “melting-out” phase of the disease (**Photo 4**).



Photo 2: Yellowing and thinning Kentucky bluegrass by *Drechslera poae*. Photo: Richard J. Buckley, Rutgers PDL

Conidia (asexual spores) produced by the leaf spot fungi grow on stalks (conidiophores), are olivaceous, and are shaped like cigars (**Photo 3**). They are only visible with the aid of a microscope or high-powered hand-lens. Trained diagnosticians can determine the genus and species of each leaf spot fungus based on spore germination characteristics as well as the size and shape of the spores.

Leaf Spot Diseases...

Continued from page 19

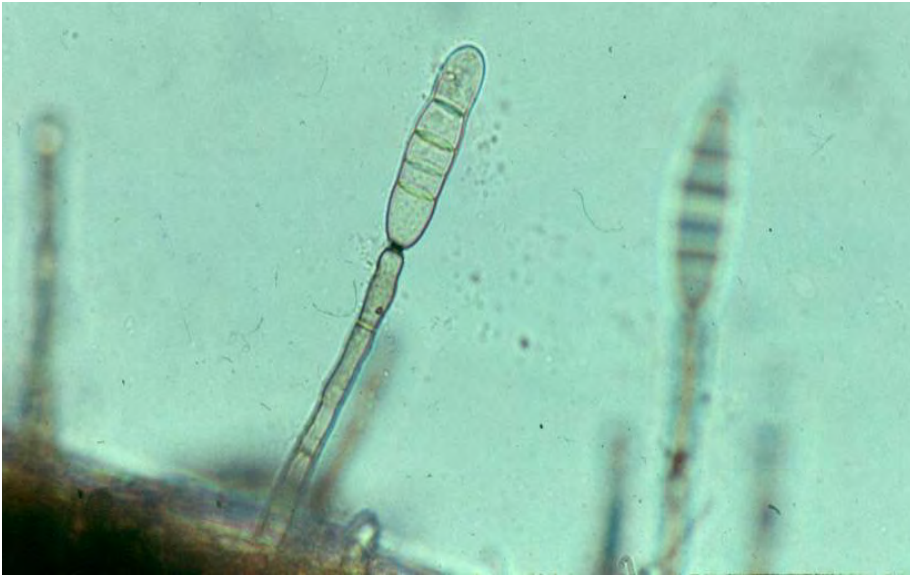


Photo 3: Conidia of *Drechslera siccans* on a conidiophore. Photo: Richard J. Buckley, Rutgers PDL

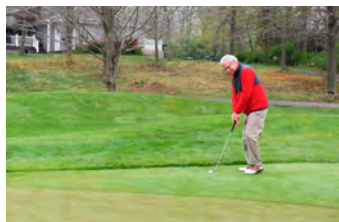
Disease Cycle

The causal fungus of Leaf Spot and Melting Out of Kentucky Bluegrass, *Drechslera poae*, survives the winter in crowns and roots of infected turfgrass plants and/or on turf debris (thatch). This fungus begins to grow and reproduce during cool, wet weather in late-winter and early-spring beginning in March. Conidia produced by the fungus are splashed by rain or irrigation water to newly emerging grass leaves causing leaf

spots. Successive generations of spores and leaf spot symptoms are produced during mid-to-late spring with the highest concentrations of conidia found on leaf litter during May at temperatures between 50 and 65oF. Research suggests that conidial production ceases at temperatures over 68oF. If conditions are favorable for disease development in late-spring, infections of the crowns result in the melting-out phase of the disease by summer. Melting-out causes large areas of previously thinning turfgrass to fail.

Be aware that not all of these closely related pathogens follow the same disease-cycle. Differences among the various causal fungi are generally related to host and the temperature range necessary for disease activity. Table 1. outlines the group.

Disease	Typical Host	Pathogen	Environment
Leaf Spot and Melting Out	Kentucky bluegrass	<i>Drechslera poae</i>	Cool, wet weather in spring
Net Blotch	Fescues	<i>Drechslera dictyoides</i>	Cool, wet weather of late-spring and early-summer
Brown Blight	Perennial ryegrass	<i>Drechslera siccans</i>	Cool, wet weather of spring and early-fall
Red Leaf Spot	Bentgrass	<i>Drechslera erythrospila</i>	Warm, wet weather of summer
Melting Out	All cool-season grasses	<i>Bipolaris sorokiniana</i>	Warm, wet weather of summer
Fading Out	All cool-season grasses	<i>Curvularia</i> spp.	Warm, wet weather of summer



Rutgers Turfgrass Research Golf Classic

Monday, May 2, 2022

Fiddler's Elbow Country Club, Bedminster NJ

Photos Courtesy of Shaun Barry



Cultural Conditions That Favor Disease

Cultural conditions favoring leaf spot disease include: mowing at low cutting heights, light and frequent irrigation cycles, and excessive nitrogen fertilizer applications in early spring. These diseases can also be severe on turfgrasses with nitrogen deficiencies. There is evidence that turf stands (KBG) with excessive thatch accumulations can have more severe disease outcomes. Although many improved cultivars of Kentucky bluegrass and perennial ryegrass have a high degree of leaf spot resistance, other older cultivars—often found in inexpensive seed mixtures or as components in tall fescue sod—are susceptible (Photo 4). These cultivars can sustain severe damage and will suffer recurring disease outbreaks in a single season and over multiple years.

Management

Genetics is everything with leaf spot diseases. The single, most effective cultural practice for preventing severe damage is to plant leaf spot-resistant turfgrass cultivars whenever possible. Lists of leaf spot-resistant grasses can be found on the National Turfgrass Evaluation Program website (www.NTEP.org). Another important cultural practice is to apply only moderate amounts of nitrogen fertilizer at a time (0.5 lb. nitrogen/1,000 sq. ft.), particularly in the early spring. If higher rates are necessary, using products that are formulated with at least 50% of the available nitrogen in a slow release form are desired to avoid succulent and over-stimulated foliage. Mowing lawns at cutting heights above 2.5 inches during spring may help to reduce the severity of leaf spot and melting-out. If irrigation is required, watering inputs should be made to prevent drought stress and sustain growth, without creating an overly wet canopy. Thatch accumulations should be mechanically removed.

Photo 4: Melting out of Kentucky bluegrass due to *Drechslera poae*. Note: the damage to the older cultivar compared to the improved cultivar. Photo: unknown



Chemical Control

Many fungicides are labeled and efficacious for the control of leaf spot diseases. Timing matters for disease outcomes and preventative fungicide applications provide the best results. Make applications to susceptible grasses in April at the first evidence

of leaf infection. Products containing iprodione, chlorothalonil, mancozeb, fluazinam, fludioxonil, azoxystrobin, or penthiopyrad have demonstrated good control of leaf spot diseases in University Trials. Be aware that some research trials have shown enhanced leaf spot disease activity with thiophanate-methyl products, even though they are labeled for leaf spot control. For a complete list of labeled materials and their efficacy, see University of Kentucky's information bulletin: Chemical Control of Turfgrass Diseases 2020. Bruce B. Clarke, Department of Plant Biology, Rutgers University; Paul Vincelli, Department of Plant Pathology, University of Kentucky; Paul Koch, Department of Plant Pathology, University of Wisconsin-Madison; Gregg Munshaw, Department of Plant and Soil Sciences, University of Kentucky.

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Self Care and Turf Care:

The keys to maintaining your turf can help you maintain your life.

Donovan Maguigan
Springdale Golf Club & NJTA Director

The dog days of summer are here and it is easy to assume that turf managers across the state have more stress than they care to handle as we enter the season. Not stressed turfgrass, but stress from labor shortages, rising costs, weather challenges, and the threat of restrictions on plant protectants and blowers. Being a turf manager is enough of a challenge before you add in the “above the shoulders” stress. Before long, the endless summer days, muggy afternoons, and daily job demands will accentuate those stresses, creating an endless daily cycle. What if the principles of how you care for your turf, could be applied to yourself? This doesn’t mean poke some holes in your skin, slather fertilizer on your body, and take deep infrequent showers, but what if you cared for yourself in the same manner you cared for your turf?

Managers care for their turfgrass in many ways by providing healthy nutrition, cultural practices to alleviate stress, avoiding unnecessary wear, providing ample hydration, surrounding it with positive relationships, and treating it when it becomes impacted by outside forces. Breaking down each simple agronomic practice and applying them to yourself, handling you day to day might be a little easier until the leaves fall (or cleanup ends) and college football fills our TV screens.

Forgive any literary liberties that were taken to make these points, but in the end, the take home message is: Take Care of Yourself!

Cultural Practices

How many times have you read in an article or seen in a presentation, “maintain sound agronomic practices,” “perform routine agronomic practices,” or something along those lines? It’s an important integrated part of healthy turfgrass. Guess what? Your body also needs routine sound practices to keep yourself healthy. Sleep and exercise are the first two that can have a huge impact on your overall well being. If you’re tired all the time it’s your body telling you to get some consistent sleep and restore yourself overnight. When you are well rested, take the time to get some exercise. You don’t need to run a marathon, but find time to take a walk, play pickle-ball, or shoot some hoops. Even though our jobs can be physically demanding, take some time to do something that gets your heart rate up and moving.

Nutrition and Hydration

Good plant nutrition is a key to healthy turfgrass and (you can detect a theme here) the same goes for your body. Early mornings, being on the road, or hot long afternoons can wreak havoc on your diet and eating habits. Taking the time early in the morning to make a solid breakfast when a pork roll, egg, and cheese is ready at your favorite bagel joint on the way to your first job is a hard temptation to resist. When sales rep bringing donuts while your staff is out on the course can result in a lot of unnecessary empty calories, so be mindful of how often you are reaching for those indulgences?. Eating poorly for a long time can create serious health setbacks down the road.

Just as you would look at a fertilizer label or a pesticide label for ingredients, look at what goes into your food. Don’t know what the words on the label mean? Look them up and do some research. You wouldn’t put a questionable product on your turfgrass, why would you eat something that you don’t trust?. Enjoy whatever you want from time to time, but try to eat well when you can. Everything is safe in moderation, but start by listening to your parents and eat your vegetables.

Hand in hand with nutrition is staying hydrated, year round. At every Wawa in the state, there is a plethora of drink choices that are sparkling, high energy, or loaded with sugar for sweetness. Coffee is an easy way to get going in the morning, but take time to drink some water and help your body stay hydrated. The best thing to drink for your body is water.

Avoid / Prevent Unnecessary Wear

Our turf is impacted by disease, stress, and outside forces that can cause damage and stress. Swapping “turf” for “our bodies” and you see how we too are vulnerable to things that can weaken and shorten our life. Staying healthy is a daily activity that requires being mindful of our eating, activity, and rest. When you feel that your body is reaching a red line, take some time to relax. If you continue to push yourself beyond your means, you open your body to sickness and potential long term effects.

This summer will likely be another hard one as all the factors that have been in the news continue to have an impact on us at the pump, buying fertilizer, or hurdles to completing our jobs. Take the time each day to assess your surroundings, appreciate the good that is in your life and that each day is a new opportunity.

Continued on next page

Self Care and Turf Care

Surround Yourself With Good People

Is a lawn or golf course going to stay healthy if it is crowded by weeds, excessive shade, or less desirable turfgrass species? Unhealthy growing environments do not provide a setup for quality turfgrass and surrounding ourselves with good people will help us thrive and be successful.

If you have attended the NJ Turf Expo in December, you know that the turfgrass community in New Jersey is a strong group of individuals who are joined by our appreciation of agronomy. The relationships that you form through our industry will provide a foil for your stress, a hand to pull you up when you are struggling, and a familiar face that can help you through the hardest days.

In closing, Warren Buffet has an analogy for taking care of your body, that involves free cars:

While speaking to a group of high school students, he said, "I'm going to let each one of you pick out a car of your choice. Sounds good doesn't it? Pick it out, any color, and it will be at your house tomorrow. And you say, 'Well, what's the catch?' And the catch is, it's the only car that you are going to get in your lifetime. Now what are you going to do knowing that that's the only car you are ever going to have and you love that car? You're going to take care of it like you cannot believe. Now what I would like to suggest is that you are not going to get more than one car in your lifetime, but you are going to get one body and one mind. And that's all you are going to get. That body and mind feels fantastic right now, but it has to last you a lifetime."

It's hard not to see Buffett's advice and realize how right he is, on top of the fact that he is a 91-year-old, even though he spends his days drinking coke and eating McDonald's for breakfast. He is however correct, you only have one body and one mind, and by pushing yourself to the limit or letting the daily stresses contort you into a pretzel, you are losing the most valuable and cherished thing you have.

Care for your turf, but more importantly, CARE FOR YOURSELF.

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Rob Johnson, Fisher & Son Company

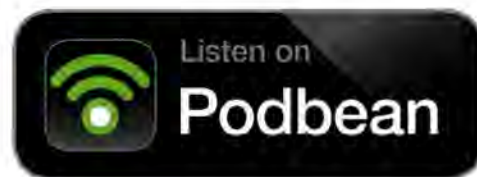
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Dr. Matt Elmore, Rutgers University

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www.njturfgrass.org

Field Days SILENT AUCTION ITEMS

Lots of great items will be available...trips, memorabilia, products, services, and more. Check out the items under the yellow tents on Tuesday, July 26th or Wednesday, July 27th.



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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.

- | | | |
|---|----|--------------------|
| ☐ BUSINESS PARTNER (Manufacturer/Supplier or Sod Producer) | \$ | 425.00 |
| <i>Includes ONE TO FOUR individuals from same company.</i> | | |
| ☐ ADDITIONAL BUSINESS PARTNER (5 or more) | \$ | 125.00 each |
| ☐ TURFGRASS PARTNER (Golf Course, Lawn Care, Landscaper) | \$ | 300.00 |
| <i>Includes ONE TO THREE individuals from same company.</i> | | |
| ☐ ADDITIONAL TURFGRASS PARTNER (4 or more) | \$ | 125.00 each |
| ☐ INDIVIDUAL MEMBER (Either ONE Business or ONE Turfgrass Partner) | \$ | 125.00 |
| ☐ 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) _____



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

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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 _____

Phone _____ Fax _____

Email _____ Cell _____

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

Select PARTNER Category that Best Describes Your Business or Profession

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

Payment Information (Required) •

MAIL OR FAX TO NJTA Office

Type of Credit Card:	SIGNATURE:
Card Number:	Name on Card:
Expiration Date: (MM/YY)	Street Address:
3 Digit Security Code:	City/State/Zip:
Check By Mail: (Payable to NJTA)	PURCHASE ORDER #:
TOTAL MEMBERSHIP AMOUNT:	\$
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**

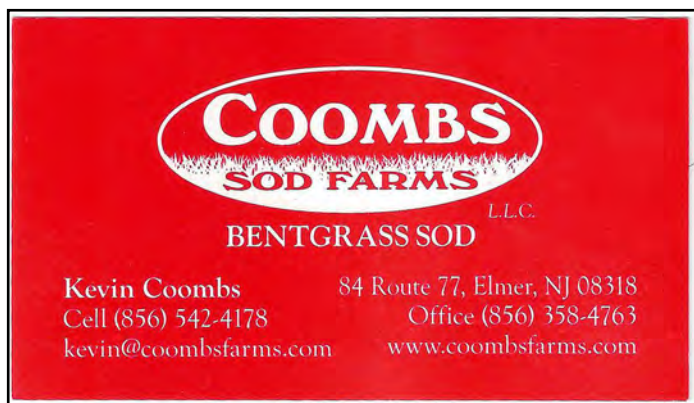


Cece Peabody, MAT, CMP
Executive Director
NJTA / NJTF



Dr. James Murphy
Advisor
Rutgers University

Thanks!



2022 EVENTS

Tuesday, July 26, 2022

**Rutgers Turfgrass Research
FIELD DAY 1 (Golf & Fine Turf)**
Hort Farm II, N. Brunswick, NJ

Wednesday, July 27, 2022

**FIELD DAY 2 (Lawn, Landscape &
Sports Fields)**
Adelphia Farm, Freehold, NJ

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**

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

25 US Highway 46 W • Wayne, NJ 07470-6801

Phone (973) 812-6467 • Fax (973) 812-6529

execdirector@njturfgrass.org • www.njturfgrass.org

Plant Diagnostic Laboratory

And Nematode Detection Service

provides accurate and timely plant diagnoses:

- ◆ Disease and Insect Pests
- ◆ Plant and Weed Identification
- ◆ Insect Identification
- ◆ Fungus and Mold Identification
- ◆ Nematode Assay
- ◆ Virus Testing
- ◆ Fungal Endophyte Screening
- ◆ Pesticide Resistance Screening
- ◆ Other Services Available by Contract

<http://njaes.rutgers.edu/plantdiagnosticlab/> or call
732-932-9140 or email clinic@njaes.rutgers.edu

Mailing address:

P.O. Box 550, Milltown, NJ 08850-0550

Physical location:

Ralph Geiger Turfgrass Education Center
20 Indyk-Engel Way, North Brunswick 08902

RUTGERS

New Jersey Agricultural
Experiment Station

Soil Testing Laboratory

performs chemical and mechanical analyses:

- ◆ Landscape - fertility, suitability, topsoil evaluation
- ◆ Farm - fertility, pre-sidedress nitrate, full farm
- ◆ Organic Media - greenhouse media, compost
- ◆ 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.