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**GREEN EXPO**

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December 10-12, 2019

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*Photos in issue Courtesy of  
Shaun Barry and Matt Sweatlock.*

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# President's Message: DAVE SCHELL

*David Schell*  
NJTA President



Greetings and welcome to fall!

I, like many of you, welcome the fall season with open arms and look forward to the time of a little less stress focusing again on providing the highest quality playing surfaces for everyone's enjoyment in New Jersey.

On behalf of the NJTA Board of Directors, and the faculty of Rutgers University, I want to thank everyone who participated in this year's Rutgers Turfgrass Research Field Days. It was a tremendous success and was great to see everyone in attendance over the two days. I would also like to thank our many sponsors for their generous support of Field Days and the programs. We would not be as successful without your support!

As I write my last President's message for the NJTA, it occurred to me that I have fostered many great relationships during my seven years on the Board, along with equally as many friendships. I will continue to work with the NJTA in whatever capacity they may need, including pursuing and developing the next group of leaders for this terrific organization.

The New Jersey Turfgrass Association Board of Directors is looking for individuals from all turfgrass disciplines to join a committee and share your ideas on how to make the Association prepare and move toward the future. We have committees for Finance, Field Days, Green Expo, Golf Classic, Social Media, *Clippings* Magazine, and Silent Auctions at both the Golf Classic and at Field Days.

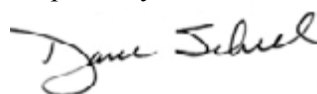
You can meet only when your specific committee is getting together to plan for their event. Who knows, you might even want to join the Board and work alongside some of the most dedicated people working on your behalf all year long. I would encourage you to speak to any Board member if you have an interest in getting more involved with your association or contact me directly to discuss how you can help!

I am very proud of the people I have served with and all our accomplishments during my time serving the Rutgers Turfgrass Research Center, its Faculty and students.

On behalf of the BOD, I thank you for your continued support as an NJTA member. Here's to a very successful fall turfgrass season. May you enjoy the turf far more than you manage the turf.

We look forward to seeing everyone at the New Jersey Green Expo in Atlantic City this December!

Respectfully,

A handwritten signature in black ink that reads "Dave Schell".

Dave Schell  
NJTA President



Dave Schell, NJTA President (l) with  
Dr. Matt Elmore, Rutgers University.

*Photo Taken at 2019 Field Days*



## Being Positive Today

**Your Executive Director**  
**Cece Peabody, MAT, CMP**

Everywhere you look there are positive sayings on pictures, on pillows, in books, on cards, and stories on social media. There are those who try to share something good with their family and co-workers each day. Others say 'love you' to friends as well as to family. Some wear colors that reflect moods - happiness in yellow, good energy in red, and calmness in royal blue, or anything with sparkle. Water soothes many a soul, and much music brings calm to hectic lives.

Some speak to anyone they meet personally or professionally, and ask their name too. Others try to pay a compliment to someone they meet for the first time. Some share corny or fun jokes with friends, or have a play on words or a funny sarcastic reply in conversation. Many believe in 'paying it forward' any chance they can.

You could call these individuals a 'pollyanna' (*an excessively cheerful or optimistic person*) but that's okay. They would rather be known as that than to be known as a grouch. There are just so many things in one's business or personal life that can bring one-down, are negative, and don't fit into "their world". Life is too short to spend time worrying about things they have no control over...so they don't.

Enough about the positive kind. What about you? How do you get through your day? Are there specific things you do to stay positive? Do you find goodness in the little things? Do you give your best to your kids, your family, and your work? If you could change something, what might it be? You don't have to tell me...just do your best to do it! Happy Fall!



## How do I verify my licensing and course histories with NJDEP?

Follow the directions below to access  
Commercial Applicator Licensing Information:

1. Go to [www.pcpnj.org](http://www.pcpnj.org)
2. Under the heading "About Us", click on the "Pesticides" link
3. Takes you to License and Registration page. Click "Online Reports" in Online Payments and Reports section.
4. On next page of Pesticide Control Program, Click on "Commercial Certified Pesticide Applicators - Specific Information" or on other links you may need.



Do you have an article that  
would be great to share with other NJTA  
members about the turfgrass industry?

We would love to include a bio about you  
and your company. We would love to hear  
what's important to you.

Please consider connecting, sharing and  
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your perspectives and your articles.  
Tell Us What You Think.

Email them to:

[execdirector@njturfgrass.org](mailto:execdirector@njturfgrass.org)  
Cece Peabody, Executive Director  
Thanks in advance!



# Rutgers Research Field Days Wrap Up

by Craig Tolley, NJTA Director  
County College of Morris

It's always good to start the Rutgers Turfgrass Research Field Days [July 30 & 31] by greeting the entire NJTA team and Executive Director, *Cece Peabody*, *Angela Adamchak*, and other staff -- *Carol Carlucci*, *Marsha Benovengo*, *Anne Diglio*, *Barbara Fitzgerald*, *Ellen Clarke*, and *Jane Meyer* -- all who helped make sure this was another successful Field Day.

This year the Rutgers Turfgrass Field Days were great and informative. The turn out was larger than in previous years, with near record breaking attendance, and the weather fully cooperated. The field day committee would like to thank the many sponsors and volunteers who helped make this year's field days happen and run smoothly.

This year we started at the New Brunswick Hort Farm 11 research farm, with the early morning Core session and had time to visit the annual silent auction. The day continued with presentations on the variety trials (*Mr. Brad Park's* Application of Traffic to Kentucky Bluegrass, and *Dr. Stacy Bonos'* Wear Tolerance in Putting and Fairways trials). There was also a review of the establishment of 2018 NTEP Tall Fescue and Fine Fescue seeding trial.

Attendees were provided with updates on the latest research on disease control. *Dr. Bruce Clarke* discussed his work on evaluation of fungicides for control of Summer Patch, Gray Leaf Spot and Pythium Blight. *Dr. Ning Zhang* reviewed a project examining the effect of Bentgrass Cultivar and the number of fungicide applications for control of Dollar Spot. Later on in the day, there was a presentation on the control of Brown Patch on Colonial Bentgrass with fungicides and Biological products.

*Dr. Matthew Elmore* was available to share some of the results of his work in weed control. He shared the progress on a study looking at pre-emergent programs for control of goosegrass on fairways. There was a study looking at the use of plant growth regulators annual bluegrass weevil control programs to manage Annual Bluegrass in Fairway Turf.

This day additionally included several presentations on new technology. Attendees were able to learn the use of remote sensing and automation technology for turfgrass management. There was also a presentation looking at the use of Finer-Textured Topdressing on creeping bentgrass and a review of the 2015 Bentgrass Putting Test on USGA [www.njturfgrass.org](http://www.njturfgrass.org)

Professional Fertilizer Applicator Certification and the opportunity to take the Certification Exam.

Day two of field days returned to the Rutgers Adelphi Research Center farm. The day started with popular Sport Field Managers Association of New Jersey's annual trade show and time to visit the NJ Turfgrass Foundation's silent auction. This also provided attendees the opportunity to see several equipment demonstrations (sponsored by the SFMANJ) throughout the day as part of the educational sessions.

We had *Dr. Matthew Elmore* return to present his work on weed control at this farm. There were studies on the programs for control of annual bluegrass in cool-season turf, and the use of synthetic and alternative herbicides for broadleaf weeds and crabgrass control. There was an additional review of managing False-Green Kyllinga.

*Dr. William Meyer* and *Dr. Stacy Bonos* were present to discuss the progress on the NTEP studies being conducted at Adelphia. Attendees were able to see the plots for the 2017 Kentucky Bluegrass trial, 2014 Fine Fescue trial, 2018 Tall Fescue trial, and the 2016 Perennial Ryegrass trial.

*Dr. Bruce Clarke* gave a presentation on the Identification and Control of Important Landscape and Sports Diseases in NJ, while *Dr. James Murphy* shared an informative presentation on Turfgrass Fertilizer Label Interpretation. This day ended with a Core session presented by *Pat Hastings*.

A follow up survey was sent to all pre-registered attendees and the feedback on both days was quite positive. Thanks to all who participated.

If you missed attending one or both Rutgers Turfgrass Research Field days, you'll just have to come next year. The dates are Tuesday, July 28, and Wednesday, July 29th.

**Remember to  
Renew Your 2020 NJTA Membership  
or Join NJTA**  
*when you sign up for the Green Expo.  
You can also sign in at [www.njturfgrass.org](http://www.njturfgrass.org)  
and renew or join online.*



# New Jersey Legislative Update

by Matt Lindner, Legislative Chair  
and Michael Reed, Director

The New Jersey Senate and Assembly are currently on a break we have been told they will be back sometime in mid to late November. When they come back into session this will be the lame duck session of the New Jersey Legislature. The Senate and Assembly will continue to meet from November until the beginning of January, when the legislature will adjourn and the new session will begin.

Here are some bills that we are keeping an eye on for lame duck. Although there's not an indication that these bills will move, they have moved a considerable way through the process and we will continue to monitor for any action:

**S2288 Smith (D17)/A4562 Calabrese (D36)** - Directs DEP to classify neonicotinoid pesticides as restricted use pesticides. These bills are opposed by many sectors of the industry due to the fact that banning neonics is not based on peer reviewed science. Neonics were developed to be safe for mammalian species and are a great alternative to older chemistries. Currently on Second Reading in the Senate. No movement in the Assembly.

**A-2558 DeAngelo (D14)/S2505 Oroho (R24)** - "Vegetation Management Response Act"; concerns vegetation management related to electric public utility infrastructure. This bill is opposed by arborist and Shade Tree Commissions. The bill is currently on 2nd Reading in the Senate and has passed in the Assembly. Industry groups have sent recommended amendments to the sponsors to address industry concerns.

**A-1676 Dancer (R12)** - Establishes certain requirements for a State entity planting vegetation in certain circumstances; provides for preferences for NJ businesses providing such vegetation. Currently on Second Reading in the Assembly. No movement in the Senate.

**A-4492 Houghtaling (D11)/S-3000 Bateman (R-16)** - Establishes "Jersey Native Plants Program." Currently on Second Reading in the Assembly. Currently awaiting action in the Senate Budget and Appropriations Committee.

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# New Jersey Legislative Update.....continued

**A-5014 Houghtaling (D11)** - Directs DEP to establish grant program for institutions of higher education to support development of native seeds. Currently on Second Reading in the Assembly. No movement in the Senate.

**A-5015 Houghtaling (D11)** - Requires Department of Agriculture to develop, and plant nurseries to make available to customers, brochure describing benefits of native plants. Currently on Second Reading in the Assembly. No movement in the Senate.

**A-5526 Calabrese (D36)** - Prohibits sale of milkweed plants treated with certain pesticides. Currently on Second Reading in the Assembly. No movement in the Senate.

**A5529 Tully (D38)/S3916 Andrzejczak (D1)** - Creates "Pollinator Pathway" designation for municipalities. Currently on Second Reading in the Assembly. No movement in the Senate.

**A5530 Houghtaling (D11)/ S3912 Andrzejczak (D1)** - Requires State Board of Agriculture to provide list of environmentally harmful plant species to certain committees of Legislature each year. Currently on Second Reading in the Assembly. No movement in the Senate.

**A5531 Swain (D38)/ S3917 Andrzejczak (D1)** - Establishes "pollinator-friendly" label for plants. Currently on Second Reading in the Assembly. No movement in the Senate.

**A5532 Tully (D38)/ S3913 Andrzejczak (D1)** - Directs DEP to establish pollinator habitat program for closed landfills. Currently on Second Reading in the Assembly. No movement in the Senate.

**A5533 Houghtaling (D11)/ S3910 Andrzejczak (D1)** - Directs DEP to establish leasing program for State-owned land to be used and managed as pollinator habitat. Currently on Second Reading in the Assembly. No movement in the Senate.

**AJR80 Taliaferro (D3)** - Establishes "Healthy Pollinators Task Force". No movement in the Senate.

**Have a great turfgrass  
story to share?  
Taken an interesting  
turfgrass picture?**

*Send it to us, so we can  
include it in the next issue!*  
e-mail to:  
[execdirector@njturfgrass.org](mailto:execdirector@njturfgrass.org)

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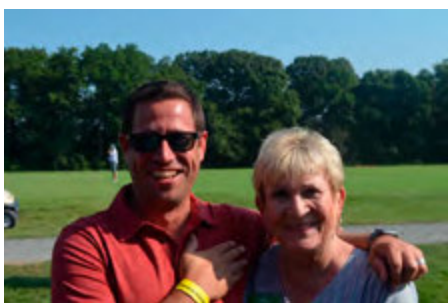
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## FIELD DAYS 2019 SNAP SHOTS







## More FIELD DAYS 2019 SNAP SHOTS



# Green Expo 2019 is Ready to Roll

by Chris Carson, Expo Chair  
Echo Lake Country Club

## ENGAGE • EXPERIENCE • EXCEL

*Register Today!*

*Use form in Clippings, or online at:  
[www.njturfgrass.org](http://www.njturfgrass.org)*

Most of the people reading this article are aware of the many benefits that come from attending Expo at the Borgata Hotel in Atlantic City, December 10-12... but I thought it would be helpful to remind our readers of the benefits that our turfgrass profession derives from your attendance:

- You know that, on a cost per credit basis, Expo is one of the best values available for you to achieve the recertification credits you need to maintain your pesticide applicator licenses, and to obtain other important credits including Category 13 for those who maintain school properties. Did you know that the NJDEP relies just as heavily on organizations like ours to provide the education needed to maintain an applicator workforce that is trained in safe and proper application? As a part of our responsibilities for putting on our show, we –and by “we” I mean our Executive Director Cece Peabody and her staff– are responsible for keyboarding every name and every class attended into the DEP database. This takes a full week or more post-Expo, and as you might imagine, is a tedious chore, but it’s all a part of the job that we so willingly undertake on your behalf.

- Our colleagues and business partners display their wares and services at our trade show, and we know that you value the ability to meet one-on-one with these key members of our profession so that you may have the latest information and see all that is offered to help us do our jobs better. But did you know that without their loyal support, our show would be significantly smaller and have much less of a positive impact on our careers? That’s why we supply our food and drink on the show floor, to make it more of a party atmosphere and to encourage all attendees to meet with our business partners to discuss your needs. It’s a win-win for all when the party and the conversation continues to closing time.

- A number of sister organizations use Expo, and the confluence of over 1200 attendees who share similar interests, to connect with their members, enroll new ones and to understand the many needs and wants of a wide variety of green industry professionals. Did you know that these organizations also attend so that their presence is more widely known and understood, or, in the case of the NJ Green Industry Council, to raise significant funding through their silent auction that allows them to do their important work?

- Our presenting partner, Rutgers University’s Center for Turfgrass Science, uses our conference as one of their key meeting spots. During Expo, a lot of important behind the scenes work gets accomplished, made possible by many key people from the various turf and landscape disciplines present. In turn, funds generated by Expo above costs are filtered back into support programs at Rutgers, funds that support the many important goals of the Turf Center. It’s a true partnership, one that is based on mutual support and respect, and your attendance at Expo helps make important work happen in New Brunswick.

- We know that you love attending the many social activities that are offered throughout our show, and that you enjoy the chance to unwind after a long day of education with your peers to talk shop or to just reconnect with old friends and to make new ones. The companies and associations involved in underwriting these events love it that you are there, too; it’s their chance to meet and greet old and new customers and to pay back some of the loyalty you’ve displayed by your purchasing power. We are a relationship business, and I’m happy to say that the relationships and loyalty and support that exist in New Jersey and surrounding areas are strong indeed! And if you want to see another important display of support, you need look no further than the many sponsors who have stepped forward to help underwrite the many events at our show. They deserve all of our thanks, and I hope you will take the opportunity of doing that when you see these important people at the trade show or in the meeting rooms.



The 30 dedicated professionals on the Expo Committee invite you to attend our 44th annual event this year. We know that our education program is on the highest level, and that there is much to learn from our world-class speaker list. We also know that the social aspects of our show, including the vitally important “hallway conversations” that can reveal so much and provide those small tips that can prove to be so useful in our business, are a big part of the reason to attend. It’s a three-day conference packed with fun, education and camaraderie, and it will be made better if YOU are there.

**Over 1200 friends and colleagues  
are waiting to greet you  
at Expo 2019!**



# Musser Foundation Award of Excellence

by Shaun Barry, Director

In 1969 H. Burton Musser passed away. For three decades he led the Turfgrass Program at Penn State. Upon his death it was determined that a foundation should be created in his name. By the end of the year the Foundation was created. Dr Fred Grau was President for 20 years. He was succeeded in 1989 by Dr. Frank Dobie who still held that position as of 2018.

The Intention of the Foundation is to recognize and honor doctoral graduate students in turfgrass science and related disciplines without partiality to region or special interest. The award is given to outstanding Ph.D candidates who in the final phase of their graduate studies demonstrate overall excellence throughout their doctoral program in Turfgrass Research.

This is one of the most prestigious awards any candidate in the last year of their Ph.D Program hopes to win. Each candidate must have successfully completed the written and/or preliminary exams. It is only given to the “best of the best.”

In our last issue of *Clippings*, Dr Philip Vines from Rutgers was highlighted as the 2019 Award winner. He joins a long list of winners from Rutgers. The Award was first given in 1989. There have been 38 winners coming from 15 different universities. Dr Matt Elmore won in 2015 while he was at Texas A&M so we can't add him but we are glad that he is at Rutgers.

The 10 winners below won while they were at Rutgers.

1990: Melodee L. Frazer

1993: Karen A. Plumley

2001: Stacy A. Bonos

2003: Eric T. Watkins

2009: Jo Anne Crouch

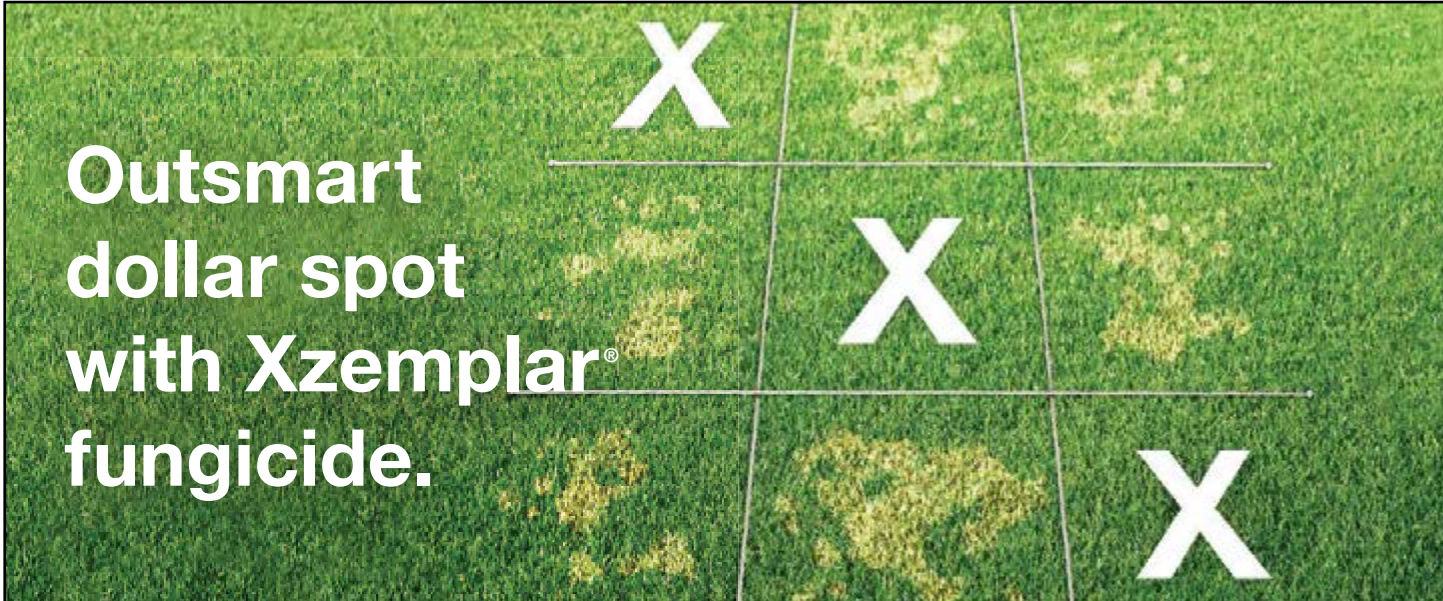
2013: Emily B. Merewitz

2016: Lisa Beirn

2017: David Jespersen

2018: Patrick Burgess

2019: Phillip Vines



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Always read and follow label directions.

## SOCIAL Media: Following the Right People

Now that everyone is on a Social media platform (well, almost every one). Your next question is: **Who do I follow?** Sure you should follow your friends and colleagues. They provide you with new ideas, support, and personal friendships.

Keeping professional development in sight, following University professors, PhD. And Masters Candidates is important in many ways.

First, they will keep you current on research and trending topics.

Secondly, it's a great way to strike up a conversation with them. Sending them a quick comment or question allows you to engage with them directly in a public forum. They are typically more than happy to answer or comment on your question, thus allowing other followers to review or chime in on the discussion. It also allows Professors to possibly think about their research from the end users' point of view. It's a 2 way street that benefits the both of you.

Finally, besides following Rutgers University, there are a lot of great minds throughout the country: Penn State, UGA (University of Georgia), NC State (North Carolina State), UConn (University of Connecticut), Tennessee etc. There are professors at each institution that you would not always have an opportunity to physically meet. So when RU Field Days or NJ Green Expo roll around, you can put a Name to a Face and have that “Ice Breaker” moment to expand on the conversation and/or start a new one altogether.

Another genre to follow are your Vendors and Turf product companies. They are always sending out great information on current conditions and new products. Supporting these companies is important because they are there to help you produce the best product possible. They are always happy to give you advice and technical support on the products they produce and sell.

Always keep in mind that Social Media is a great research tool. Use it to your advantage.

*Jason Osterhoudt*

*Superintendent, Metuchen Golf & Country Club*  
*NJTA Director, Social Media Committee Chair*



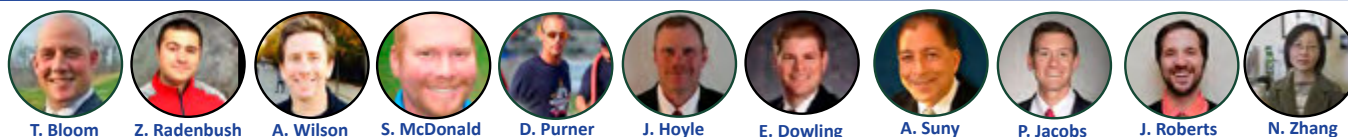
**Social Media is a  
great research tool  
Use it to your  
advantage.**



Jason Osterhoudt



# GOLF SESSIONS



## TUESDAY, DECEMBER 10, 2019 - AM

### GOLF SESSIONS 9:00 AM - 11:30 AM

- 9:00 - 9:30 Meet & Greet Board Members, Breakfast  
 9:30 - 9:45 Grow Your Association, Grow Yourself  
 9:45 - 10:30 Fully Staffed! Recruit and Retain Valuable Employees *Tyler Bloom, Director of Grounds and Facilities, Sparrows Point Country Club, Baltimore, MD*  
 10:30 - 11:30 Adapting to the New Norm: Creative Management Solutions - A Panel Discussion  
 • Mike Tardogno, Moderator, Skyway Golf Course  
 • Tyler Bloom, Sparrows Point Country Club  
 • Jason Osterhoudt, Metuchen Golf Club  
 • Jennifer Torres, Makefield Highlands Golf Club  
 • Victor Frederico, Tavistock Country Club

### 9:00 AM - 11:30 AM CORE SESSION - SEE PAGE 3

Concurrent Session - **Credits: 5 CORE • 1 ProFACT**

### 11:30 AM - 1:00 PM All Attendees LUNCH

Sponsored by **STORR TRACTOR COMPANY**

## TUESDAY, DECEMBER 10, 2019 - PM

### GOLF SESSIONS 1:00 - 4:00 PM

- 1:00 - 2:00 How to Ask for and Get Budget Increases  
*Chris Carson, Echo Lake Country Club*  
 2:00 - 3:00 Inside the Ropes: A Discussion with the Man Behind the 90 Holes of Bethpage State Park  
*Andrew Wilson, Bethpage State Park*  
 3:00 - 4:00 Tips from a Professional Headhunter  
*Armen Suny, Kopplin Kuebler & Wallace*

### TRADE SHOW & DINNER 4:00 PM - 8:00 PM

Grand Opening - Sponsored by **SYNGENTA**

"Dine Around" - Sponsored by **BASF**

Beverages - Sponsored by **LABAR GOLF RENOVATIONS**

**Credits: 2 - 3A**

*Sabrina Tirpak, Rutgers University  
 Plant Diagnostic Lab*

5:30 - 6:00 • (1-3A Credit) **The Trouble with New Jersey Pines 1**

6:30 - 7:00 • (1-3A Credit) **The Trouble with New Jersey Pines 2**

## WEDNESDAY, DECEMBER 11, 2019 - AM

### GOLF SESSIONS 8:30 - 11:30 AM

**Credit: 1 - 3B**

- 7:00-8:30 **Rutgers Turfgrass Advisory Board Breakfast - BY INVITE -**  
 Understanding the Lifespan of Golf Course Features: Useful Life of Golf Course Assets (Bunkers, Drains, Tees, Maintenance Facility, Bridges, Stairs)  
*Stephen Kay, Stephen Kay Golf Design*  
 9:00 - 9:30 Silvery-Thread Moss: Niche Pest or Weed of the Future? *Dr. Zane Radenbush, Ohio State Univ*  
 9:30 - 10:15 Fairway Regrassing - Can You Afford Not to Do It? *Paul Jacobs, USGA & John Hoyle, CGCS, Corning Country Club, Corning, NY*  
 10:15 - 11:00 Bayonne Golf Club Story: A Most Audacious and Improbable Journey  
*Dr. Richard Hurley, Rutgers University (retired)*  
 11:00 - 11:30 New Turf Maintenance Facilities - Building or Improving Them *Jim L. Ehret P.E., Ehret Club Construction Consulting*

## WEDNESDAY, DECEMBER 11, 2019 - PM

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

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

*Sabrina Tirpak, Rutgers University*

12:30 - 1:00 • (1-3A Credit) **The Trouble with New Jersey Pines 3**

1:30 - 2:00 • (1-3A Credit) **The Trouble with New Jersey Pines 4**

### GOLF SESSIONS 2:30 - 5:00 PM

**Credit: 4 - 3B**

- 2:30 - 3:00 Management of Bacterial Etiolation and Decline  
*Dr. Joseph Roberts, University of Maryland*  
 3:00 - 3:30 Golf Turf 2019 Seasonal Update: The View from Rutgers Plant Diagnostic Laboratory  
*Richard Buckley, Rutgers University*  
 3:30 - 4:00 New Trends in Aeration and Topdressing  
*Elliott Dowling, USGA*  
 4:00 - 4:30 Exploring the Turfgrass Microbiome: Case Studies Involving National Mall and Dollar Spot Management  
*Dr. Joseph Roberts, Univ of MD & Ning Zhang, Rutgers U*  
 4:30 - 5:00 Weed Management in Fine Fescue Areas  
*Steve McDonald, Turf Disease Control Solutions*

## THURSDAY, DECEMBER 12, 2019 - AM

### RUTGERS SESSIONS 8:30 AM - NOON

**Credits: 4 - 3B**

- 8:30 - 9:00 The Pesticide Pipeline: The Evolving Technology of Plant Protection  
*Dr. Lane Tredway, Syngenta*  
 9:00 - 9:30 Environmental Impact of Your Pest Control Program *Dr. Jennifer Grant, Cornell University*  
 9:30 - 10:15 The Rutgers Breeding Story: Breeding, Selection and Problem Solving  
*Dr. William Meyer & Dr. Stacy Bonos, Rutgers Univ.*  
 10:15 - 10:30 BREAK  
 10:30 - 11:15 How to Best Use Weed Control Products on your Course: Tips and Techniques on timing, product selection and application methods *Dr. Matt Elmore, Rutgers University & Dr. Aaron Patton, Purdue University*  
 11:15 - 12:00 How to Construct a Disease Control Program: A case study on how to establish a program that works for you  
*Dr. Bruce Clarke, Rutgers University*

## THURSDAY, DECEMBER 12, 2019 - PM

### CORE SESSION 1:00-3:00 PM

1:00 - 3:00 CORE Session **Credits: 4 CORE**  
*Rick Fletcher, Nufarm*

**Using Chemistry Properly**

This session will evaluate all aspects of decisions and actions you undertake in the application of a pesticide product and what you can do to maximize the results.

### OPTIONAL SESSION: ProFACT 1:00 - 5:00 PM

Professional Fertilizer Application Certification & Training

1:00 - 3:00 **TRAINING Credits: 3 ProFACT**  
**SPANISH or ENGLISH: (2 separate rooms)**  
 Prepare for the ProFACT Fertilizer applicator's exam or get credits.

*Spanish: Dr. Raul Cabrera, Rutgers University*

*English: Dr. Jim Murphy, Rutgers University*

3:00 - 5:00 **CERTIFICATION EXAM (\$90 Exam Fee)**  
**SPANISH or ENGLISH: (2 separate rooms)**

*Spanish: Dr. Raul Cabrera, Rutgers University*

*English: Dr. Jim Murphy, Rutgers University*

**DON'T MISS THE EARLY REGISTRATION DEADLINE -- NOVEMBER 11**



# LAWN & LANDSCAPE SESSIONS



S. Kay



M. Reed



S. Bross



M. Elmore



R. Hurley



P. Vines



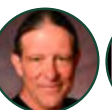
A. Koppenhofer



S. Tirpak



J. Grant



R. Buckley



S. Bonos

## TUESDAY, DECEMBER 10, 2019

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

Credits: 5 CORE • 1 ProFACT

- 9:00 - 10:00 Select the Correct Nozzle for Proper Coverage, Effective Applications, and Operator Safety *Brad Park, Rutgers University*
- 10:00 - 10:30 Pesticide Jeopardy (Game Show & Prizes) *Michael Reed, Synatek Solutions*
- 10:30 - 11:30 NJDEP Update: What You Need to Know to Stay in Compliance *Stephen Bross, NJDEP*

### 11:30 AM - 1:00 PM All Attendees LUNCH

Sponsored by STORR TRACTOR COMPANY



Storr Tractor

## TUESDAY, DECEMBER 10, 2019

### LAWN & LANDSCAPE 1:00 - 4:00 PM

Credits: 1 - 3B • 2 - 3A • 1 CORE • 1 ProFACT

- 1:00 - 2:00 Key Diseases of Herbaceous Ornamentals in Landscape Beds *Richard Buckley, Rutgers Univ*
- 2:00 - 2:30 The Right Plant in the Right Place *Dr. Karen Plumley, Rutgers University*
- 2:30 - 3:00 Make the Correct Seed Choice to Reduce Pests and Chemical Controls *Dr. William Meyer, Rutgers University*
- 3:00 - 4:00 Spreader and Sprayer Calibration 101: Maximizing Spring Broadleaf Weed Control *Dr. Zane Raudenbush, Ohio State University*

### NJLCA 1:00 - 4:00 PM PAVER PROJECTS - Pg 3

### TRADE SHOW & DINNER 4:00 PM - 8:00 PM

Grand Opening - Sponsored by SYNGENTA

"Dine Around" - Sponsored by BASF

Beverages - Sponsored by LABAR GOLF RENOVATIONS

## WEDNESDAY, DECEMBER 11, 2019

### LAWN & LANDSCAPE 8:30 - 11:30 AM

Credits: 3 - 3B • 1 - 3A • 2 ProFACT

- 8:30 - 9:00 Gray Leaf Spot on the Home Lawn *Dr. Phillip Vines, Rutgers University*
- 9:00 - 10:00 All You Ever Wanted to Know About Grubs... and Then Some *Dr. Albrecht Koppenhofer, Rutgers*
- 10:00 - 10:30 The Microbiome: Potential for Better Pest Control and Nutrient Management *Dr. Joseph Roberts, University of Maryland*
- 10:30 - 11:00 Alternatives to Roundup *Dr. Matt Elmore, Rutgers University*
- 11:00 - 11:30 Lawn Renovation Options *Dr. James Murphy, Rutgers University*

### NJLCA OPTIONAL: ICPI SESSION - DAY 1 • 8 AM-4 PM

#### Concrete Paver Installer Course and Certification 1

- 8:00 - 12:00 Safety, Soil, and Base Materials
- 12:00 - 1:00 Lunch in the Trade Show
- 1:00 - 4:00 Bedding, Edges, and Installation

## WEDNESDAY, DECEMBER 11, 2019

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

LUNCH by TREE • TECH • BEVERAGES by LABAR GOLF RENOVATIONS

Credits: 2 - 3A

*Sabrina Tirpak, Rutgers University*

- 12:30 - 1:00 • (1-3A Credit) **The Trouble with New Jersey Pines 3**
- 1:30 - 2:00 • (1-3A Credit) **The Trouble with New Jersey Pines 4**

### LAWN & LANDSCAPE 2:30-5:00 PM

Credits: 3 - 3B • 1 CORE • 2 ProFACT

- 2:30 - 3:00 Controlling Fairy Ring in Lawns *Dr. Lane Tredway, Syngenta*
- 3:00 - 3:30 Application Technology for Lawn Care *Dr. Zane Raudenbush, Ohio State University*
- 3:30 - 4:00 Eco Lawn Care: How to Do It and How to Market It! *Dr. Jennifer Grant, Cornell University*
- 4:00 - 4:30 Dealing with Climate Changes in Lawn Management *Dr. Bingru Huang, Rutgers Univ*
- 4:30 - 5:00 Updating Your Grassy Weed Program *Dr. Aaron Patton, Purdue University*

## THURSDAY, DECEMBER 12, 2019

### 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 - 10) & 3 - 3B (10:15 - 12)

- 8:30 - 10:00 Spotted Lanternfly and Lots of Other Suckers
- 10:00 - 10:15 Break
- 10:15 - 12:00 Fungicides and Fungicide Use in Landscape Turf: How to Build Your Program
- 12:00 - 1:00 LUNCH ON YOUR OWN

### NJLCA OPTIONAL: ICPI SESSION - DAY 2 • 8 AM-4 PM

Total Credits for both days:

12 ICPI CEUs and 12 LIC (Landscape Industry Certified) CEUs

#### Concrete Paver Installer Course and Certification 2

- 8:00 AM - 12:00 Job Planning, Layout and Maintenance
- 12:00 PM - 1:00 Lunch on your own
- 1:00 PM - 4:00 Tips and Exam

## THURSDAY, DECEMBER 12, 2019

### CORE SESSION 1:00 - 3:00 PM

1:00 - 3:00 CORE Session Credits: 4 CORE

*Rick Fletcher, Nufarm*

**Using Chemistry Properly**

This session will evaluate all aspects of decisions and actions you undertake in the application of a pesticide product and what you can do to maximize the results.

### OPTIONAL SESSION: ProFACT 1:00 - 5:00 PM

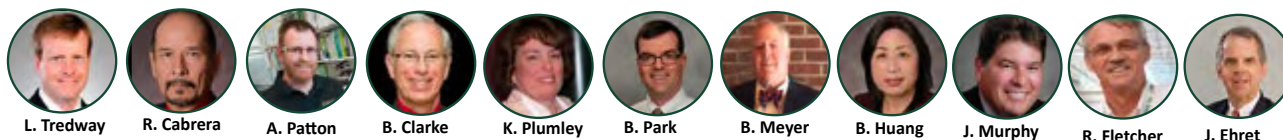
Professional Fertilizer Application Certification & Training

- 1:00 - 3:00 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*
- English: *Dr. Jim Murphy, Rutgers University*

- 3:00 - 5:00 CERTIFICATION EXAM (\$90 Exam Fee)
- SPANISH or ENGLISH: (2 separate rooms)
- Spanish: *Dr. Raul Cabrera, Rutgers University*
- English: *Dr. Jim Murphy, Rutgers University*

**DON'T MISS THE EARLY REGISTRATION DEADLINE -- NOVEMBER 11**

# SPORTS FIELDS SESSIONS



## TUESDAY, DECEMBER 10, 2019

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

**Credits: 5 CORE • 1 ProFACT**

- 9:00 - 10:00 Select the Correct Nozzle for Proper Coverage, Effective Applications, and Operator Safety *Brad Park, Rutgers University*
- 10:00 - 10:30 Pesticide Jeopardy (Game Show & Prizes) *Michael Reed, Synatek Solutions*
- 10:30 - 11:30 NJDEP Update: What You Need to Know to Stay in Compliance *Stephen Bross, NJDEP*

### 11:30 - 1:00 All Attendees LUNCH

Sponsored by  
STORR TRACTOR COMPANY



## TUESDAY, DECEMBER 10, 2019

### SPORTS FIELDS SESSION 1:00 - 4:00 PM

**Credits: 2 - 3B • 1 - 3A • 2 - 13**

- 1:00 - 1:30 New Jersey School IPM Update *Stephen Bross, NJDEP*
- 1:30 - 2:00 Reduce Fungicide Use at Schools: Selecting Disease Resistant Perennial Ryegrass Varieties for Overseeding *Dr. Phillip Vines, Rutgers University*
- 2:00 - 3:00 Professional Relationships: A Key to Success *Virgil Caputo, Monroe Twsp, Jim Iannetti, Middlesex Boro*
- 3:00 - 3:30 Integrated White Grub Control Strategies on School and Municipal Grounds *Dr. Albrecht Koppenhofer, Rutgers University*
- 3:30 - 4:00 IPM Tools for Diagnosing Insect Problems in Trees and Shrubs on School and Municipal Grounds *Richard Buckley, Rutgers University*

### TRADE SHOW & DINNER 4:00 PM - 8:00 PM

## WEDNESDAY, DECEMBER 11, 2019

### SPORTS FIELDS SESSION 7:30 - 11:30 AM

**Credits: 1 - 3B • 4 - 13 • 1 ProFACT**

- 7:30 - 8:30 Early Bird Sports Field Managers Networking Roundtable
- 8:30 - 9:00 Annual Business Meeting & Awards Presentation
- 9:00 - 9:45 The Year in Review: Reducing Pesticide Use During 2019 *Brad Park, Rutgers University*
- 9:45 - 10:30 Sports Field Topdressing: What Are Your Goals? *Dr. James Murphy, Rutgers University*
- 10:30 - 11:30 Rutgers Athletic Field Management Program *Matt Henn, Rutgers University Athletics*



## WEDNESDAY, DECEMBER 11, 2019

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

**LUNCH Sponsored by TREE - TECH**  
**Credits: 2 - 3A**

*Sabrina Tirpak, Rutgers University*

- 12:30 - 1:00 • (1-3A Credit) **The Trouble with New Jersey Pines 3**
- 1:30 - 2:00 • (1-3A Credit) **The Trouble with New Jersey Pines 4**

### SPORTS FIELDS SESSION 2:30 - 5:00 PM

- 2:30 - 3:00 Conditioner Use in Skin Surface Management *Dan Purner, Somerset Patriots, Bridgewater, NJ*
- 3:00 - 3:30 Cultural and Chemical Control of Weeds on School and Municipal Sports Fields *Dr. Aaron Patton, Purdue University*
- 3:30 - 5:00 PANEL: Skin Surface Management at Different Levels of Play
- Moderator: *Dan Purner • Matt Henn, Rutgers University Athletics*  
*Jim Iannetti, Middlesex Borough, NJ • Virgil Caputo, Monroe Twsp, NJ*

## THURSDAY, DECEMBER 12, 2019

### CORE SESSION 1:00 - 3:00 PM

#### 12:00 - 1:00 LUNCH ON YOUR OWN

- 1:00 - 3:00 CORE Session **Credits: 4 CORE**  
*Rick Fletcher, Nufarm*

#### Using Chemistry Properly

This session will evaluate all aspects of decisions and actions you undertake in the application of a pesticide product and what you can do to maximize the results.



Early Registration Ends on  
Monday, November 11th!  
Register Today! Use Form or  
Online: [www.njturfgrass.org](http://www.njturfgrass.org)

## THURSDAY, DECEMBER 12, 2019

### OPTIONAL SESSION: ProFACT 1:00 - 5:00 PM

#### Professional Fertilizer Application Certification & Training

- 1:00 - 3:00 **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*  
*English: Dr. Jim Murphy, Rutgers University*
- 3:00 - 5:00 **CERTIFICATION EXAM (\$90 Exam Fee)**  
**SPANISH or ENGLISH: (2 separate rooms)**  
*Spanish: Dr. Raul Cabrera, Rutgers University*  
*English: Dr. Jim Murphy, Rutgers University*

**DON'T MISS THE EARLY REGISTRATION DEADLINE -- NOVEMBER 11**



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For more information contact:  
Tim Gerzabek (609) 221-9240



## Congrats to Joseph Clark of Rutgers University!

He has been selected to receive the  
2019 Honorary American FFA  
(Future Farmers of America) Degree.

This award recognizes individuals who have  
provided exceptional support of school-  
based agricultural education and FFA.

Excerpt from Joe's award letter:

*"In recognition of his outstanding contribution  
to growing leaders, building communities, and  
strengthening agriculture, it is our pleasure to  
award..this degree."*

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# GREEN EXPO 2019

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).  
Register Online: [WWW.NJTURFGRASS.ORG](http://WWW.NJTURFGRASS.ORG)

**ATTENDEE REGISTRATION • Tues, December 10 – Thurs, December 12, 2019 • The BORGATA Hotel • Atlantic City, NJ**

**ATTENDEE INFORMATION. USE FOR ONE ATTENDEE. PRINT CLEARLY. DUPLICATE FOR MORE ATTENDEES.**

Date \_\_\_\_\_

COMPANY \_\_\_\_\_

ATTENDEE NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

NJ PESTICIDE LICENSE # (Put 'X' or N/A if not applicable) \_\_\_\_\_ DATE OF BIRTH (MM-DD-YYYY): //\_\_ \_\_//\_\_ \_\_//\_\_ \_\_//

**\* EMAIL REQUIRED: Confirmation by E-mail Only**

## EARLY REGISTRATION CHOICES & FEES

**CUT OFF DATE: Monday, November 11, 2019**

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

Check if: ☐ FIRST TIME ATTENDEE There is 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 Fees for NJTA & Allied Assns	NON- MEMBER Fees	TOTAL FEES
<b>THREE (3) DAYS: Education, Trade Show, Food Tuesday, Wednesday, and Thursday</b> <small>*NON-MEMBER Fee includes (1) \$95 Membership 2020</small>	\$ 245	\$ 360* (\$265+95)	\$
<b>TWO (2) DAYS: Education, Trade Show, Food Circle Days: TUES WEDS THURS</b> <small>*NON-MEMBER Fee includes (1) \$95 Membership 2020</small>	\$ 195	\$ 310* (\$215+95)	\$
<b>ONE (1) DAY: Education, Trade Show, Food Circle Which Day: TUES WEDS THURS</b>	\$ 145	\$ 195	\$
<b>TRADE SHOW ONLY: Food • Trade Show Sessions ONLY</b> <small>Spouse: If need education, sign up as Attendee. If no education, use Trade Show option.</small>			
<b>BOTH TUES AND WEDS</b>	\$ 125	\$ 145	\$
<b>TUES OR WEDS Circle Day: TUES WEDS</b>	\$ 95	\$ 115	\$

**OPTIONAL: ProFACT FERTILIZATION CERTIFICATION: Thursday PM**

Select 1 or Both: ☐ Training (No Charge) • ☐ Exam @ \$90 \$ \_\_\_\_\_

## TOTALS: REGISTRATIONS & MEMBERSHIP

NJTA Membership 2020 \$ \_\_\_\_\_

Registration Fees \$ \_\_\_\_\_

PROFACT Fee (Optional) \$ \_\_\_\_\_

**TOTAL FEES DUE \$ \_\_\_\_\_**

Select Payment Type: Please Print Clearly.

☐ Check. Check Number # \_\_\_\_\_

☐ Purchase Order # \_\_\_\_\_ (Include PO paperwork)

☐ Which Credit Card? \_\_\_\_\_ Visa \_\_\_\_\_ MasterCard \_\_\_\_\_ AMEX

Card No. // \_\_\_\_\_ // \_\_\_\_\_ // \_\_\_\_\_ //

Expiration Date (Month/Year) // \_\_\_\_\_ // \_\_\_\_\_ //

Security Code\*: // \_\_\_\_\_ // \*3 OR 4 digit security number on card.

Billing Address (if different) \_\_\_\_\_ Zip \_\_\_\_\_

PRINT Cardholder's Name \_\_\_\_\_

X Signature \_\_\_\_\_

## 2020 NJTA MEMBERSHIP

☐ RENEW ☐ NEW Membership Year: January 1, 2020 - December 31, 2020

**Join NJTA today and pay Member Fee for Expo.**

- ☐ BUSINESS Partners (Manufacturers/Suppliers/Sod Producers)  
(1 to 4 Names from Same Company) **\$295.00**
- ☐ TURFGRASS Partners (Golf Courses/Landscape/Schools/Parks, Etc)  
(1 to 3 Names from Same Company) **\$225.00**
- ☐ INDIVIDUAL (1) Member (Inc. with 2 or 3 day Non-Member Reg) **\$ 95.00**

1 - NAME \_\_\_\_\_

1 - Email \_\_\_\_\_

2 - NAME \_\_\_\_\_

2 - Email \_\_\_\_\_

3 - NAME \_\_\_\_\_

3 - Email \_\_\_\_\_

4 - NAME \_\_\_\_\_

4 - Email \_\_\_\_\_

**Select Which Category BEST fits Your 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 \$ \_\_\_\_\_**

[ \$95 Membership Included with Two or Three Day NON-MEMBER Fee ]

**CHECK: Make Payable to NJTA**

**CREDIT CARD: Fax to 973.812.6529 • Online - [www.njturfgrass.org](http://www.njturfgrass.org)**

**Mail to: NEW JERSEY TURFGRASS ASSOCIATION  
25 US Hwy 46 W, Wayne, New Jersey 07470-6801**

**Questions? Call: (973) 812-6467**

**Web: [www.njturfgrass.org](http://www.njturfgrass.org) • Email: [execdirector@njturfgrass.org](mailto:execdirector@njturfgrass.org)**

**Registration form at: [www.njturfgrass.org](http://www.njturfgrass.org)**

**Federal Tax ID #: 23-7453656**

## HOTEL RESERVATIONS Call 609-317-1000

• **The BORGATA HOTEL: \$105.00 plus taxes Room Rate**

Use Group Code **GBNJT19** for The Borgata Classic Rooms.

• **The WATER CLUB: \$125.00 plus taxes Room Rate**

Use Group Code **GTWTG19** for The Water Club Rooms.

**Cut-off date: Monday, November 11, 2019**

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

**EARLY REGISTRATION ENDS -- NOVEMBER 11, 2019**

# 25th Anniversary of Rutgers Turfgrass Research Golf Classic in 2020



The Rutgers Turfgrass Research Classic has raised \$1,930,000 in the last 24 years.

Every dollar has and will continue to go to The Center For Turfgrass Science. These dollars have led to problem-solving research, student scholarships and new facilities. When answers are needed, people reach out to Rutgers and their work has benefited everyone in the Turfgrass industry.

**Please take a moment now and enter May 4, 2020 into your calendar** so you won't chance missing next year's event. We will reach the 2 million dollar level as we celebrate our 25th anniversary.

As always it will be THE event not to miss as we try and exceed the 402 golfers we had in 2019.

Plan on meeting and greeting the scientists from Rutgers as you enjoy a day filled with golf and great food.

## ECONOMIC SURVEY CONTACTS

*If you have any questions about the  
NJ Turfgrass Economic Survey  
on the next page (20),  
please contact:*

### Mr. Kevin P. Sullivan

Assistant Director of Statistical Analysis  
Office of Research Analytics  
Rutgers/NJ Agricultural Experiment Stn.  
Martin Hall, Room 003  
New Brunswick, NJ 08901  
E-Mail: [kps@njaes.rutgers.edu](mailto:kps@njaes.rutgers.edu)

### Dr. Bruce B. Clarke, Ph.D.,

Director, Center for Turfgrass Science  
59 Dudley Rd - Foran Hall, Rm 338  
School of Environmental & Biological Sciences,  
Rutgers, The State University of New Jersey,  
New Brunswick, NJ 08901-8520  
E-Mail: [Bruce.Clarke@rutgers.edu](mailto:Bruce.Clarke@rutgers.edu)

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**Tom Valentine**  
Territory Manager  
[tvalentine@aquatrols.com](mailto:tvalentine@aquatrols.com)  
(610) 299-4470



# RUTGERS TO DOCUMENT THE ECONOMIC CONTRIBUTIONS OF TURFGRASS TO THE NEW JERSEY ECONOMY

The benefits of turfgrass are many, including environmental benefits such as erosion prevention, groundwater recharge, cleaner air, cooler temperatures, and a healthy playing surface for recreational activities. In New Jersey, a very large industry has evolved to produce and deliver turfgrass products and services. Furthermore, this industry contributes to New Jersey's economy in many ways. However, the economic magnitude and linkages of the New Jersey Turfgrass Industry are not well understood. Therefore, The NJ Agricultural Experiment Station and the Rutgers Center for Turfgrass Science have endeavored to document the economic size and structure of the turfgrass industry in the State.

## **BENEFITS OF THE SURVEY:**

- Documentation of turfgrass acreage in New Jersey.
- Documentation of the economic value of turf and related production, service and maintenance expenditures.
- Determine the need for support of future turfgrass research and education programs that provide science-based solutions to problems facing the turfgrass industry
- Document the need for support of university and college turfgrass programs and facilities.
- Identify how technology changes have impacted profitability within the turfgrass industry.
- Measure the impact on growth and cost of business when affected by new insects, diseases, weeds and regulations.
- Provide accurate data to assist legislators, researchers, businesses and homeowners in making informed decisions.

**WHAT?** A NEW turfgrass industry survey; the last survey was conducted in 2001.

**WHO?** The survey will be conducted by the USDA National Agricultural Statistics Service in collaboration with the Office of Research Analytics and the Center for Turfgrass Science at the Rutgers School of Environmental and Biological Sciences, and the New Jersey Agricultural Experiment Station.

**WHEN?** Launch target: December 2019

**WHY?** The purpose is to obtain up-to-date information on the nature, extent, and economic value and impact of the turfgrass industry in New Jersey.

**HOW?** Lists of all known operations in each segment of turfgrass industry were obtained and combined. A sample was taken from the resulting list. Operations in this sample will be contacted in December 2019 and January 2020 to complete a questionnaire. Data collected will be statistically analyzed and expanded to properly represent all facets of the turfgrass industry in New Jersey.

## **RESULTS WILL MEASURE KEY STATISTICS FOR EACH SEGMENT OF THE TURFGRASS INDUSTRY**

- |                           |                                |
|---------------------------|--------------------------------|
| • Number of hired workers | • Value of unpaid family labor |
| • Equipment expenses      | • Non-equipment expenses       |
| • Paid labor expenses     | • Maintained acreage of turf   |

**WHAT CAN YOU DO?** PLEASE complete the turfgrass survey questionnaire either by mail or when contacted by an interviewer.

**REPORTS:** Once the survey is tabulated, a publication will be prepared. Anyone receiving a questionnaire may request, on the survey form, a copy of the publication upon its completion. Others may contact the Center for Turfgrass Science at the Rutgers School of Environmental and Biological Sciences for a copy of the survey when it is completed.

*See Contact Info on previous page (19): Mr. Kevin Sullivan and/or Dr. Bruce Clarke*



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# 2019 Events

## GREEN EXPO

### Turf & Landscape Conference

**December 10-12, 2019**  
**Borgata Hotel & Casino**  
**Atlantic City, NJ**

**Note:**  
 2019 Thanksgiving is  
 Thursday, November 28th.  
 There's always a week  
 between Thanksgiving and Green Expo.

## 2020 EVENTS

**Monday, May 4, 2020**  
*Rutgers Turfgrass Research*  
*Golf Classic*  
*Fiddler's Elbow Country Club*

**Tuesday, July 28, 2020**  
**& Wednesday, July 29, 2020**  
*Rutgers Turfgrass Research*  
*Field Days*  
*Hort Farm II & Adelphia Farm*

**Tuesday, December 8, 2020 -**  
**Thursday, December 10, 2020**  
*Green Expo*  
*Turf & Landscape Conference*  
*The Borgata Hotel & Casino*  
*Atlantic City, 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](mailto:execdirector@njturfgrass.org)





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Mailing address:

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

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<http://njaes.rutgers.edu/soiltestinglab/> or call  
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57 Rt. 1, New Brunswick, 7:30 am to 5 pm weekdays.