Turfgrass Professionals,

On behalf of the Florida Turfgrass Association Board of Directors, I am happy to invite you to join us for the 67th Annual FTGA Conference and Show. We are excited to be hosting this year’s event at the beautiful Omni ChampionsGate Resort in Kissimmee. The Omni offers a number of luxury amenities including the Mokara Spa and an extensive array of pools and water features for all ages, so consider making it a family event.

The Conference kicks off on Monday with the traditional golf tournament, which is hosted by two courses for the first time. The popular scramble will take place on the Greg Norman designed National Course at Omni ChampionsGate featuring newly-renovated ‘Champion’ putting greens. For more ambitious sharpshooters, the individual stroke FGCSA team qualifier will be held at the beautiful Lake Nona Golf and Country Club.

After a break following the day’s golf, Sports Turf Tour and CORE CEUs events, relax and catch the sunset and our Opening Reception at Champions Hall.

On Tuesday morning, you can catch breakfast at the Industry Networking Event before making the rounds to hear about and see the latest offerings from your favorite show sponsors and vendors. After the Awards Lunch, we have a great lineup in the works for the Education Workshops, thanks again to Dr. Laurie Trenholm. Don’t miss out on the fun at the Tuesday night Corn Boil cookout where the annual raffle will be held to benefit the Florida Turf Research Foundation.

Wednesday morning starts with the Annual Meeting Breakfast including association updates, business and elections. The show’s final event will be a combined education session focusing on the timely topics of glyphosate use and water resources quality, both of which have made headlines in Florida and across the U.S. this year. We can all surely benefit from a better understanding of these issues. Be sure to mark your calendars, and we look forward to seeing you there.

OMNI CHAMPIONSGATE
1500 Masters Blvd., ChampionsGate, FL 33896  Phone (800) 843-6664

Omni ChampionsGate is surrounded by 36 holes of championship Orlando golf, the Leadbetter Golf Academy World Headquarters and 15 acres of recreation. This Four Diamond resort is one of the nation’s premier golf, meeting and leisure retreats.

The resort accommodations, including 862 guest rooms and suites as well as two- and three-bedroom villas, are equipped with every modern convenience and a host of luxury amenities. In addition to walk-out golf, guests may choose to relax in the signature Mokara spa, dine in one of nine restaurants or enjoy 15 acres of pools and recreation activities including the 850-foot lazy river and Orlando’s only resort wave pool.

CONFERENCE AGENDA

MONDAY, AUGUST 12
8:00 a.m. - 5:00 p.m.  Registration
8:30 a.m. - 10:00 a.m.  FTGA Board Meeting
11:00 a.m. - 5:00 p.m.  Golf Lunch & Tournament
Noon - 5:00 p.m.  Sports Turf Tour
12:30 p.m. - 4:50 p.m.  CORE CEU Workshop
6:30 p.m. - 9:00 p.m.  Opening Reception

TUESDAY, AUGUST 13
7:00 a.m. - 5:00 p.m.  Registration
7:30 a.m. - 8:30 a.m.  FTGA Past Presidents’ Breakfast
8:00 a.m. - 10:00 a.m.  Continental Breakfast
8:00 a.m. - 11:30 a.m.  Industry Networking
11:30 a.m. - 1:00 p.m.  All Attendee Awards Lunch
1:30 p.m. - 5:10 p.m.  Education Workshops
6:30 p.m. - 8:00 p.m.  Corn Boil & Raffle

WEDNESDAY, AUGUST 14
7:00 a.m. - 10:00 a.m.  Registration
7:30 a.m. - 9:00 a.m.  Annual Meeting Breakfast
9:00 a.m. - Noon  Industry Workshop
MONDAY WORKSHOP AND EVENTS

<table>
<thead>
<tr>
<th>TIME</th>
<th>CORE CEU WORKSHOP</th>
<th>SPEAKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 p.m. - 1:20 p.m</td>
<td>Vehicle Inspection - Attendees will learn what DACS inspectors look for (both good and bad) when doing a pest control vehicle inspection.</td>
<td>Mr. Paul Mitola</td>
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<td></td>
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<td>Florida Department of Agriculture</td>
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<td>1:20 p.m. - 2:10 p.m</td>
<td>Avoid Being the Point of Pollution: Maintenance and Field Operations BMPs - Now more than ever, golf and green industry professionals need to be good “housekeepers.” This presentation will describe the necessary BMPs to reduce stormwater “illicit” discharge from facility storage, maintenance and onsite loading areas. It will review appropriate methods and practices of proper disposal of waste materials, waste reduction, reduce water use and containment of nutrient-enriched debris.</td>
<td>Mr. Don Rainey</td>
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<td>University of Florida</td>
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<tr>
<td>2:10 p.m. - 2:30 p.m</td>
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<td>2:30 p.m. - 3:20 p.m</td>
<td>Safety in Dealing With Nature and Wildlife - Attendees will learn how to recognize symptoms of heat stress and understand the risks of operating equipment in rain. They will also learn how to recognize venomous snakes, poisonous plants, and hazardous insects and know where to look, avoid and react if encountered.</td>
<td>Ms. Susan Haddock</td>
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<td>University of Florida Hillsborough County Extension</td>
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<tr>
<td>3:20 p.m. - 4:10 p.m</td>
<td>History of Pests and their Management - Pests have threatened civilization throughout history necessitating the use of pesticides, emphasizing the importance of chemical control in society. Documented throughout history is also an increasing awareness of the potential environmental impacts of pesticide use, and this awareness influenced a more integrated pest management (IPM) approach in recent times. In this lecture, you will become familiar with historically significant pests that have impacted change on society, understand the evolution of pesticide use and the Environmental Protection Agency, while gaining an understanding of the IPM concept and historical influences to this approach for pest control.</td>
<td>Dr. Bonnie Wells</td>
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<td>University of Florida Brevard County Extension</td>
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<tr>
<td>4:10 p.m. - 5:00 p.m</td>
<td>National Pesticide Information Center (NPIC) From 1995–2017 - Attendees will learn the history of the NPIC, resources and how it has changed since 1995. Discussion of consumer questions on pesticide safety and reported accidents/incidents throughout the United States. Find out what pesticide questions were asked in the 90s, 00s and today. Who calls? Where were the accidents? Explore the consumer pesticides of concern and other noteworthy inquiries of today.</td>
<td>Ms. Karen Stauderman</td>
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<td>University of Florida Volusia County Extension</td>
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MONDAY, AUGUST 12

GOLF TOURNAMENT
11:00 a.m. - 11:45 a.m. Lunch  Noon - 5:00 p.m. Golf Tournament
The Annual Golf Tournament is one of the most popular events during the conference. This year, players have the option to play at two different courses. Each golfer will enjoy a buffet lunch and tee off at noon.

Cash Awards will be awarded during the Opening Reception at Champions Hall located at ChampionsGate beginning at 6:30 p.m.

SCRAMBLE TOURNAMENT - NATIONAL COURSE AT CHAMPIONS Gate
With its traditional American-style design, the National Course at Omni Orlando Resort at ChampionsGate challenges golfers through 18 holes that wind through 200 acres of secluded woodlands, wetlands and former orange groves.

The golf course features gently sweeping fairways, 80 sculpted bunkers, greens maintained in tour condition, clever doglegs and scenic water hazards. Water comes into play on many holes, but few forced carries means that this layout can be maneuvered by all levels of players. The sharply framed golf holes end up on smaller greens, making it a shot maker’s delight.

INDIVIDUAL TOURNAMENT - LAKE NONA
From the secluded, wooded canopy of the front nine to the breathtaking lake vistas along the back, Lake Nona’s 18-hole championship golf course embodies the purity of the world’s greatest game. Designed by premier golf architect Tom Fazio, the challenging course is favored by countless professional golfers and world-class athletes who call Lake Nona home.

Golf tournament prizes are sponsored by syngenta

SPORTS TURF TOUR
Noon - 5:00 p.m. Depart by Morsel’s Coffee Shop Side Entrance

ESPN WIDE WORLD OF SPORTS
Located in the middle of Walt Disney World Resort, athletes competing at the ESPN Wide World of Sports Complex live the “I’m going to Disney World” MVP moment each and every day. From professionally manicured fields and ESPN entertainment to the awe-inspiring attraction of the world-class theme parks, there is something spectacular about the play. The complex can host more than 60 sports across 10 venues designed to give every athlete the best possible competition experience.

ORLANDO CITY SOCCER CLUB
Just two blocks from the heart of downtown Orlando is Orlando City Stadium. The stadium is home to Orlando City of Major League Soccer and Orlando Pride of the National Women’s Soccer League. The stadium is enveloped with a four-sided canopy roof to keep noise in and weather out, ensuring Orlando City Stadium will be one of the loudest, toughest places to play in. The North End features “The Wall” - North America’s only full safe-standing supporters’ section. The stadium’s natural grass field sits eight feet below street level, allowing for spectacular views at any seat. In addition to the Audi Sport Club, a shared suite experience, the venue also boasts club sections on the East and West sides of the field with amenities including complimentary food and beverages, private seating locations and a private entrance on the West side.

OPENING RECEPTION
6:30 p.m. - 9:00 p.m. Champions Hall
Start off the conference with light hors d’oeuvres, wine and beer at Champions Hall, which has breathtaking views of the golf course. During the reception, the golf awards will be presented. The individual tournament is a place on the Florida GCSA qualifier for GIS National.

Opening Reception sponsored by Nufarm
### ALL ATTENDEE AWARDS LUNCH

<table>
<thead>
<tr>
<th>TIME</th>
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| 11:30 a.m. - 1:00 p.m. | All Attendee Awards Lunch | Dr. Jay Ferrell  
University of Florida  
Dr. Brandon Horvath  
University of Tennessee |

### ATHLETIC FIELD MANAGEMENT WORKSHOP

<table>
<thead>
<tr>
<th>TIME</th>
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| 1:30 p.m. - 2:20 p.m. | Weed Management Programs for Turfgrass Establishment and Traffic Recovery - Weed management on athletic fields can be difficult due to the use and traffic patterns they receive. These use patterns lead to compaction and wear areas that are prone to increased weed infestations. Herbicide selection and application can be difficult due to the need for active turfgrass growth and establishment. This seminar will cover the basics of weed management on athletic fields including weed ID and biology, cultural weed control, and herbicide program development. | Dr. Eric Reasor  
PBI Gordon |
| 2:20 p.m. - 3:10 p.m. | Disease Management for Athletic Fields - This presentation will present a look into how to construct and use a fungicide program to control diseases of importance on athletic fields. The presentation will also cover the basic information about disease development and occurrence. | Dr. Brandon Horvath  
University of Tennessee |

### GOLF MANAGEMENT WORKSHOP

<table>
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<tr>
<th>TIME</th>
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| 1:30 p.m. - 2:20 p.m. | Big Data and Solving Problems: How to Engage with Your Management and Clientele Using the Data They Generate About the Game - This presentation will present how golf course superintendents can engage their clientele, and management using the same data these golfers are using to learn about and improve their games. By understanding these data, superintendents can solve real turf problems that they often face, and help establish buy in from their management and clientele. | Dr. Brandon Horvath  
University of Tennessee |
| 2:20 p.m. - 3:10 p.m. | Rethinking Golf Course Fertility: Things to Consider - This will discuss "new" fertilizer technologies and minimal approaches. | Dr. J. Bryan Unruh  
University of Florida |
| 3:10 p.m. - 3:30 p.m. | BREAK                                                                 |
| 3:30 p.m. - 4:20 p.m. | Integrated Pest Management on Golf Courses - Attendees will learn how to effectively use IPM on the golf course. | Mr. Pat Jones  
Harrell's LLC  
Mr. Greg Pheneger  
John's Island Club  
Mr. Chris Flynn  
Arnold Palmer's Bay Hill Golf Club  
Dr. Adam Dale  
University of Florida |
| 4:20 p.m. - 5:10 p.m. | Panel Discussion                                                        |

### LANDSCAPE & SOD MANAGEMENT WORKSHOP

<table>
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<tr>
<th>TIME</th>
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| 1:30 p.m. - 2:20 p.m. | Diagnosis and Management of Turf Diseases                                | Dr. Phil Harmon  
University of Florida |
| 2:20 p.m. - 3:10 p.m. | Nitrogen Sources in Waters in the Tampa Bay Area - Attendees will learn about the various sources of nitrogen found in Tampa area water bodies based on research by Dr. Lusk and others. | Dr. Mary Lusk  
University of Florida |
| 3:10 p.m. - 3:30 p.m. | BREAK                                                                 |
| 3:30 p.m. - 4:20 p.m. | Alternatives to Glyphosate in the Landscape - Discussion of glyphosate options available for use on turfgrass maintenance and production. | Dr. Chris Marble  
University of Florida |
| 4:20 p.m. - 5:10 p.m. | Intro to CitraBlue and ProVista - Attendees will get an introduction to the two newest St. Augustinegrass cultivars. | Dr. Kevin Kenworthy  
University of Florida  
Dr. Adam Dale  
University of Florida  
Dr. J. Bryan Unruh  
University of Florida  
Mr. Jonathan Brown  
Bethel Farms |
TUESDAY, AUGUST 13

INDUSTRY NETWORKING & CONTINENTAL BREAKFAST  
8:00 a.m. - 11:30 a.m.  International Ballroom
The Industry Networking Event will start early Tuesday morning with complimentary general admission and a continental breakfast for attendees. Be sure to come by and see the vendors and their new products.

ALL ATTENDEE AWARDS LUNCH
11:30 a.m. - 1:00 p.m.  International Ballroom
Immediately following the Industry Networking Event, the All Attendee Awards Lunch will be in the same room. During the awards lunch, the Wreath of Grass and student scholarships will be awarded. Also a legislative issue update will be provided.

KEYNOTE SPEAKERS

DR. JAY FERRELL, UNIVERSITY OF FLORIDA
Dr. Ferrell is Professor of Weed Science at the University of Florida/IFAS with a 65% extension and 35% research appointment. His research program focuses on weed management strategies in agronomic crops, pastures and non-crop areas. He earned his Ph.D. at the University of Georgia in Weed Science and his MS and BS degrees were both awarded at the University of Kentucky. He currently serves as editor of Journal of Aquatic Plant Management.

DR. BRANDON HORVATH, UNIVERSITY OF TENNESSEE
Brandon Horvath is an associate professor of turfgrass pathology in the Plant Sciences Department at the University of Tennessee where he’s been since May 2009. He received his M.S. and Ph.D. in turfgrass pathology from Michigan State University. He received his bachelor’s degree from The Ohio State University in agronomy with a minor in plant pathology. He has worked at several championship golf courses and conducts research in the area of turfgrass disease epidemiology that enables turfgrass managers to maintain healthier turfgrass stands with fewer chemical inputs. He is also currently engaged in research that blends the playing of the game with managing the surfaces that the game is played on. He has given over 200 presentations, and published numerous articles about his work.

CORN BOIL & RAFFLE
6:30 p.m. - 8:00 p.m.  Ballroom Commons
The Corn Boil has been the Conference & Show’s premier social event for decades. This year’s event will feature a gourmet dinner buffet – with corn, of course! – and two FUN-draisers benefiting the FTGA Research Foundation.

50/50 SHOWDOWN
Get ready for a two-stage 50/50 Showdown! 15 finalists will be drawn from tickets sold and systematically whittled down to a final few. Those who remain will decide how to split the pot: Will it be share and share alike? Or “No Deal?” Don’t miss the fun!

CORNHOLE 50/50 CHALLENGE
Who doesn’t love a fun game of cornhole? You have just 20 seconds per bean bag to deliver your best shot. Be the first person to reach 21 points to win the game. The winners of each game will be entered into a bracket and the two finalists will play for 1/2 the ticket sales. Tickets are $10.00 per player.
## WEDNESDAY WORKSHOP AND EVENT

**ALL TOPICS AND SPEAKERS ARE SUBJECT TO CHANGE**

<table>
<thead>
<tr>
<th>TIME</th>
<th>INDUSTRY WORKSHOP</th>
<th>SPEAKERS</th>
</tr>
</thead>
</table>
| 9:00 a.m. - 10:00 a.m. | Understanding and Addressing Public Concerns About Glyphosate                                    | Dr. Frank Wong  
Bayer Environmental Services  
Dr. Jay Ferrell  
University of Florida |
| 10:00 a.m. - 10:30 a.m. | The Future of Water Supply                                                                    | Mr. Brian Armstrong  
South Florida Water Management District |
| 10:30 a.m. - 10:45 a.m. | **BREAK**                                                                                     |                                                                         |
| 10:45 a.m. - 11:15 a.m. | TBA                                                                                            | Florida Department of Agriculture |
| 11:15 a.m. - 11:45 a.m. | Update on Fertilizer Ordinances and the Importance of Water Quality                            | Mr. Mac Carraway  
Environmental Research & Education Foundation |
| 11:45 a.m. - Noon    | Panel Discussion                                                                                | Florida Department of Agriculture  
Moderator |

### WEDNESDAY, AUGUST 14

**ANNUAL MEETING BREAKFAST**

7:30 a.m. - 9:00 a.m.  
National Ballroom C

Rise and shine! Start your day with a hearty breakfast while we share how FTGA has been working for you over the past year. Includes a review of the association’s finances and the election of new directors and officers.

### THANK YOU TO OUR CONFERENCE SPONSORS

- BASF
- CHEMICAL CONTAINERS, INC.
- Harrell’s
- QUALI-PRO
- JWTurf Farms
- Nufarm
- PBI/Gordon Corporation  
Employee-Owned
- Syngenta
- Toro
- Their Florida Distributors:
ATTENDEE REGISTRATION FORM

Registration Deadline: 7/31/19

COMPANY CONTACT PERSON:

Name ________________________________________________

Company ______________________________________________

Mailing Address __________________________________________

City _____________________________________________________

State _____________________________ ZIP _______________________

Business Phone ______________________________________________

Email _______________________________________________________

FULL REGISTRATION PACKAGE #1

To ensure an accurate head count, please check all the events below that you will attend:

☐ CORE CEU Education or Sports Turf Tour
☐ Opening Reception
☐ Industry Networking & Continental Breakfast
☐ All Attendee Awards Lunch
☐ Tuesday Educational Workshop
☐ Corn Boil & Raffle
☐ Annual Meeting Breakfast
☐ Wednesday Industry Workshop

<table>
<thead>
<tr>
<th>Package Type</th>
<th>Early Bird (until 7/31/19)</th>
<th>On-Site (effective 8/1/19)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTGA Members</td>
<td>$375</td>
<td>$500</td>
</tr>
<tr>
<td>Non-Members</td>
<td>$500</td>
<td>$625</td>
</tr>
</tbody>
</table>

MONDAY REGISTRATION PACKAGE #2

To ensure an accurate head count, please check all the events below that you will attend:

☐ CORE CEU Education or Sports Turf Tour
☐ Opening Reception

<table>
<thead>
<tr>
<th>Package Type</th>
<th>Early Bird (until 7/31/19)</th>
<th>On-Site (effective 8/1/19)</th>
</tr>
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<tbody>
<tr>
<td>FTGA Members</td>
<td>$90</td>
<td>$125</td>
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<tr>
<td>Non-Members</td>
<td>$125</td>
<td>$150</td>
</tr>
</tbody>
</table>

TUESDAY REGISTRATION PACKAGE #3

To ensure an accurate head count, please check all the events below that you will attend:

☐ Industry Networking & Continental Breakfast
☐ All Attendee Awards Lunch
☐ Tuesday Educational Workshop
☐ Corn Boil & Raffle

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<thead>
<tr>
<th>Package Type</th>
<th>Early Bird (until 7/31/19)</th>
<th>On-Site (effective 8/1/19)</th>
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<tbody>
<tr>
<td>FTGA Members</td>
<td>$225</td>
<td>$275</td>
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<tr>
<td>Non-Members</td>
<td>$275</td>
<td>$325</td>
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</table>

WEDNESDAY REGISTRATION PACKAGE #4

To ensure an accurate head count, please check all the events below that you will attend:

☐ Annual Meeting
☐ Industry Workshop

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<tr>
<th>Package Type</th>
<th>Early Bird (until 7/31/19)</th>
<th>On-Site (effective 8/1/19)</th>
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<tbody>
<tr>
<td>FTGA Members</td>
<td>$60</td>
<td>$90</td>
</tr>
<tr>
<td>Non-Members</td>
<td>$90</td>
<td>$125</td>
</tr>
</tbody>
</table>

CANCELLATION POLICY

Cancellations made before 7/31/19 will be granted and will incur a 25% cancellation fee. Cancellations made after 8/1/19 will not be provided a refund; only employee substitutions will be granted. Refunds will not be granted for not attending.

CALCULATION INFORMATION

Package # __________ Total $____________

À La Carte Options Total $____________

GRAND TOTAL $____________

PAYMENT INFORMATION

Check # ____________________________

OR

Credit Card # ____________________________

Exp. Date __________ Security Code _________

Billing Address ____________________________

Zip Code ____________________________

SUBMIT REGISTRATION FORM AND PAYMENT TO:

Mail: Florida Turfgrass Association
      3500 S. Florida Avenue Suite 7, Lakeland, FL 33803
Tel: 863.688.9413
Email: Heather@FTGA.org
www.FTGA.org

PHONE REGISTRATIONS ARE NOT PERMITTED.

DON'T PAY Non-Member Prices!
Join the FTGA today and save on your conference registration.

STOP BE SURE TO CHOOSE YOUR:

✓ Package(s)
✓ Meal(s)
✓ Education Workshop(s)
✓ Golf Handicap

OR THE REGISTRATION FORM WILL BE RETURNED!
67th ANNUAL Conference & Show
AUGUST 12-14, 2019
OMNI CHAMPIONS GATE

ATTENDEE INFORMATION

CONTINUING EDUCATION FOR FLORIDA’S TURFGRASS INDUSTRY

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