



## 2019 Schedule of Events

### Monday, September 30

- 8am** **DSTE Board Meeting & Breakfast** at The Beau Rivage – Sponsored by Southern States
- 12pm** **Deep South Four Ball Classic Golf Tournament (2 man/4 ball)** at The Preserve Golf Club  
– lunch not included  
Sponsored by John Deere (Beard Equipment and Greenville Turf & Tractor)
- 7pm** **DSTE Board Dinner** at Beau Rivage

### Tuesday, October 1

- 8am – 4pm** **Registration Open & Exhibitor Move-In**– Tradeshow bags sponsored by Amp Agronomy
- 10am** **Sports Field Tour** - meet in lobby of Beau Rivage – New Schedule this Year  
Sponsored by Agri-AFC & PBI Gordon
- 10am** **Skeet and Trap Tournament** at Coastal Rifle and Pistol Club  
Sponsored by Corteva
- 10am** **Deep South Four Ball Classic Golf Tournament (2 man/4 ball)** – 2<sup>nd</sup> day at Fallen Oak\*  
(all players must have pre-registered on Monday\*)  
Sponsored by John Deere (Beard Equipment and Greenville Turf & Tractor)
- 11am** **Scramble Golf Tournament** at the Preserve (one day event with grill lunch)  
Sponsored by AmeriTurf, drinks sponsored by Redox
- 5pm** **Tail Gate Party/Dinner at The Preserve—All attendees and exhibitors welcome!**  
Sponsored by Simplot, Aqua-Aid and others!

### Wednesday, October 2

- 7am – 4pm** **Registration Open** - Nametags and lanyards Sponsored by Aqua-Aid
- 7am** **Continental breakfast** in Tradeshow Hall - Sponsored by Syngenta

<b>8am-12pm</b>	<b>General Session</b> – Sponsored by BASF
<b>8am</b>	<b>Fertilizers Demystified: Debunking Common Myths and Setting the Record Straight</b> – <i>Dr. Beth Guertal, Auburn University.</i> You've heard them all: 'Potassium is needed for stress,' 'Add P when you are seeding,' 'Silicon is an essential element need by turfgrass.' Well, which of these statements are true, and which are myth – long held beliefs that don't have any actual research to back them up? We'll discuss various fertilizer facts, myths and perceptions in this presentation, and the audience can suggest some of their own to be debunked, or shown to be correct!
<b>9am</b>	<b>Water in the managed environment – politics of scarcity</b> <i>Dr. Justin Moss, Oklahoma State University</i> This presentation will provide an overview of urban/municipal water conservation programming with specific examples of importance for turfgrass managers. The opportunities and challenges for turfgrass managers related to water conservation programming will be discussed.
<b>10am</b>	<b>"Plant defense activators and beneficial microbes: novel approaches to turf disease control "</b> <i>Dr. Bruce Clark, Rutgers University</i> Plants protect themselves from infection through the production of plant defense compounds. These compounds can be activated by chemical, biological and environmental factors to prevent disease. Understanding how plant activators enhance the plants ability to suppress disease can improve your disease control program. Join Dr. Clarke as he discusses commercially available plant activators and the beneficial microbes that are present in the turfgrass microbiome.
<b>11am</b>	<b>Giving Back to the Community – One Yard at a Time</b> <i>Rodney Smith, Jr., Raising Men Lawn Care Service.</i> Founder of Raising Men Lawn Care Service, Rodney Smith, Jr., will discuss how his non-profit organization began, its impact on communities across America and his vision for the future.

**12pm Luncheon** – Sponsored by Simplot  
**12pm – 5pm Tradeshow Open**  
**2-4pm Innovations in Turf Breakouts**  
**3pm – 5pm Tradeshow Reception**  
**5pm – 6:30 Annual Business Meetings – DRAWING FOR \$\$\$ for Business Meeting attendees**  
 5pm Alabama Turfgrass Association & Mississippi Turfgrass Association  
 5:30pm Alabama Turfgrass Research Foundation & Louisiana-Mississippi GCSA  
 6pm Alabama Golf Course Superintendents Association & Gulf Coast GCSA

**Dinner on your own**

**Thursday, October 3**

**7am Continental breakfast** in tradeshow hall - Sponsored by FMC & Syngenta

**8am Exhibitor Move-Out**

	<b>Golf</b>	<b>Sports Turf and Grounds</b>	<b>Lawn Care &amp; Landscape</b>	<b>Sod</b>
<b>8am</b>	<p><b>New and Emerging Fungicides for Golf</b>  <i>Dr. Bruce Clark, Rutgers University</i>            Fungicides are critical for the successful prevention of turfgrass diseases on golf courses. Recently, there has been a resurgence of new products and formulations into the golf market with additional products on the horizon. Join Dr. Clarke as he reviews these new and emerging fungicides for use on golf course turf and their relative efficacy based on extensive university testing.</p>	<p><b>Improving Mississippi High School Sports Fields: Connecting with High School Coaches</b> – <i>Michael Richard, Mississippi State University</i>            This presentation will detail the efforts we are making to impact Mississippi high school coaches with our newest Extension program: Sports Turf Management Coaches’ Clinic. This program was established to educate high school coaches on proper field maintenance practices to provide safe playing surfaces for student athletes. Discussion will include: how the program is run, the curriculum, and the impact it is making. We will also discuss the challenges high school coaches face and how to overcome those hurdles. Lastly, how a consultant/company can build a relationship with a school to provide key services they do not have access to, all while growing their business.</p>	<p><b>Regulating Growth and Seedheads in Bahiagrass and Ryegrass</b>  <i>Dr. David Han, Auburn University</i>            We will review products, rates, and timings available for suppressing seedhead formation and overall growth in bahiagrass, ryegrass, and other species. What are the pros and cons of the different herbicides and growth regulators available, how do they work, and what unintended consequences should you look out for when using them to suppress these grasses?</p>	<p><b>Fertilization practices for sod production</b>  <i>Drs. Beth Guertal, Auburn University and Jay McCurdy, Mississippi State University</i>            Fertilization practices for sod production vary across the deep south. Knowing what nutrient source, application method, and release technology to use can be daunting. This lively session is your chance to ask the hard questions. Join Drs. Guertal and McCurdy as they discuss fertilization and nutrient compositions necessary to grow sod.</p>
<b>9am</b>	<p><b>Herbicide Research Update</b>  <i>Dr. Scott McElroy, Auburn University</i>            Seminar will discuss recent advances in herbicide usage. Specific topics will include: the benefits of the minor preemergence herbicides, an update on herbicide resistance solutions, doveweed, torpedograss, and sedge control.</p>	<p><b>Update On Synthetic Turf Research At Auburn University</b>–  <i>Jim Harris, Auburn University</i>            This presentation will include a discussion of the first-year results on the comparison of 96 combinations of 4 synthetic turfs, 6 infills and 4 shock pads.</p>	<p><b>‘Coexist: The Battle For Space Between Trees, Turf &amp; Other Landscape Objectives’</b>  <i>Alex Hedgepath, Auburn University</i>            How to manage mature tree root systems in the safest way for the health of trees. How to manage and manipulate canopies to open line of site in the safest way for the health of trees.</p>	<p><b>Sod Round-Table</b>  <i>Drs. Jay McCurdy, Mississippi State University, Bryan Unruh, University of Florida and Casey Reynolds, Turfgrass Producers International</i>            This interactive group of experts will share their experiences and recommendations on several topics, including fertility, trucking, and turf variety selection. Bring your toughest questions and let’s stump the experts.</p>

<p><b>10am</b></p>	<p><b>Aquatic Weed Control and Invasives</b>  <i>Dr. Stephen Enloe, University of Florida</i></p> <p>Aquatic weed control is a challenging prospect. Nutrient rich waters coupled with excellent growing conditions and an abundance of aggressive, aquatic plants often make management very difficult. This presentation will examine several key freshwater aquatic invaders and the tools and techniques available to manage them.</p>	<p><b>From the Ground Up: Construction Roundtable -</b>  American Society of Golf Course Architects (ASGCA) <i>Nathan Crace</i> and golf course contractor <i>Chad Lambert</i> of <i>Sur-Line Turf</i> with <i>Dr. Barry Stewart</i> moderating</p> <p>Will discuss recent trends in golf architecture and construction, what role superintendents play, the future of the industry, and field questions from audience members. <i>Nathan Crace, Watermark Golf and Chad Lambert, Sur-Line Turf.</i></p>	<p><b>Educated irrigation choices in the managed landscape</b>  <i>Dr. Justin Moss, Oklahoma State University</i></p> <p>This presentation will provide a brief overview of common water quality parameters of interest to turfgrass managers. Examples of water quality reports and interpretation will be discussed. Also, a brief overview and discussion of pesticides in water and emerging contaminants of concern will be provided.</p>	<p><b>Turfgrass Producers Unite</b>  <i>Dr. Casey Reynolds, Turfgrass Producers International</i></p> <p>Turfgrass Producers International (TPI) recently conducted market research in the U.S. and Canada to determine what drives decisions among policy makers when choosing natural grass or artificial turf. This research will serve as the foundation for TPI's messaging and promotion around natural grass and new resources have already been established for this initiative. This session will focus on promoting natural grass in a meaningful and effective way at the local and national level.</p>
<p><b>11am</b></p>	<p><b>Emerging Threats: Pythium Blight on Ultradwarf Greens</b>  <i>Dr. Maria Tomaso-Peterson, Mississippi State University</i></p> <p>Why is Pythium blight on the radar of ultradwarf bermudagrass managers? Historically this disease was associated with cool-season grasses, in particular creeping bentgrass greens. We will review the emergence of Pythium blight, the disease cycle, and disease management strategies.</p>	<p><b>Surface Cultivation Tools: Where, When and Why.</b>  <i>Dr. Barry Stewart, Mississippi State University</i></p> <p>There are many different cultivation tools available athletic field managers to use. Some cause much surface disruption and require lots of clean up while other are barely noticed by field users and can be played upon the same day. Some practices like needle tining and slicing affect only a small portion of the total surface area while others like fraze mowing remove the entire surface. This presentation will look at a wide range cultivation tools, how they work, their effect on soil and grass properties, the duration of their effects, and where they fit in a cultivation program. A review of cultivation tools from the rolling plugger to sand injection will be presented.</p>	<p><b>Ride-On Applicators: A Tool for Success?</b> - <i>Dr. Bryan Unruh, University of Florida</i></p> <p>Ride-on applicators are becoming more commonplace in the landscape maintenance industry. This presentation will focus on the reasons why these applicators are becoming more popular along with the challenges of incorporating them into your equipment fleet. Attendees will gain an understanding of the differences between the types of applicators including low volume delivery and fixed versus variable application delivery rates.</p>	<p><b>Extending Sod Shelf Life</b> – <i>Dr. Jay McCurdy, Mississippi State University</i></p> <p>Shelf-life and transplant success of sodded and sprigged turfgrasses are negatively affected by disruptive harvest techniques and post-harvest handling/storage conditions. Two primary examples include: internal heating of palleted sod or piles of sprigs and improper or delayed irrigation upon installation. This presentation offers unique insight into the problem and potential solutions.</p>

12pm

CEU & Pesticide Sign-ins and Expo Adjournment