



The University of Georgia®

COLLEGE OF AGRICULTURAL AND
ENVIRONMENTAL SCIENCES
COOPERATIVE EXTENSION SERVICE
TIFTON CAMPUS CONFERENCE CENTER
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TIFTON, GA 31793-5766

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TIFTON, GA 31793
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66th Annual Southeastern
TURFGRASS CONFERENCE

April 24, 2012

**UGA TIFTON CAMPUS CONFERENCE CENTER
AT THE RURAL DEVELOPMENT CENTER
TIFTON, GEORGIA**



SPONSORED BY:

**The University of Georgia Coastal Plain Experiment Station
and**

**Abraham Baldwin Agricultural College
in cooperation with**

**USDA, Agricultural Research Service
United States Golf Association Green Section
Georgia Golf Course Superintendents Association
Georgia Turfgrass Association**

The University of Georgia Cooperative Extension Service

66th ANNUAL SOUTHEASTERN TURFGRASS CONFERENCE

Tuesday, April 24, 2012

- 7:30 am **Registration & Breakfast** - Lobby, UGA Tifton Campus Conference Center, Sponsored by New Concept Turf & The Turfgrass Group
- 8:00 am **Welcome - Dr. David Bridges (ABAC); Moderator - Mark Esoda (Atlanta Country Club)**
- 8:15 am **BERMUDAGRASS, ZOYSIAGRASS, AND CENTIPEDEGRASS BREEDING - Brian Schwartz (UGA)** - An update will be given on a few of the most recent TifGrand installations. In addition, a report of the first year's findings of the USDA Specialty Crop Research Initiative grant funded towards the development of drought and salt tolerant turfgrasses will be presented. Also, the progress made during 2011 to make crosses and grow-out new zoysiagrasses from the Bladerunner/UGA germplasm collection will be highlighted, followed by a brief report of the improvements made for cold, high pH, and salinity tolerance in the centipede grass breeding program.
- 8:30 am **EMERGING AND RE-EMERGING DISEASES OF WARM - SEASON GRASSES; DETECTION, IMPACT AND MANAGEMENT STRATEGIES - Alfredo Martinez - (UGA)** - Several diseases are increasing in prevalence and importance in the Southeast on warm season grasses. Recent research, opportune detection, and environmental conditions conducive for disease development as well as their cultural and chemical control will be addressed.
- 9:00 am **CONTROLLING PROBLEM WEEDS WITH NEW HERBICIDE CHEMISTRIES - Patrick McCullough (UGA)** - This presentation will focus on the use of new herbicides for controlling problematic weeds in turf including annual bluegrass, crabgrass, and dallisgrass. Research from the University of Georgia will be presented along with recommendations for best applications by practitioners.
- 9:30 am **ZOYSIAGRASS FOR GREENS? A PEACH OF AN IDEA - Bert McCarty - (Clemson)** - Both bermudagrass and bentgrass struggle in certain environments. This presentation will focus on management strategies which have improved the putting quality of dwarf zoysiagrasses in locations where shade or heat could limit the performance of other commonly used species.
- 10:00 am **Break sponsored by New Concept Turf & The Turfgrass Group**
- 10:30 am **ORGANIC FERTILIZERS - James McCrimmon - (ABAC)** - There has been an increased interest in the use of organic fertilizers in turf primarily for

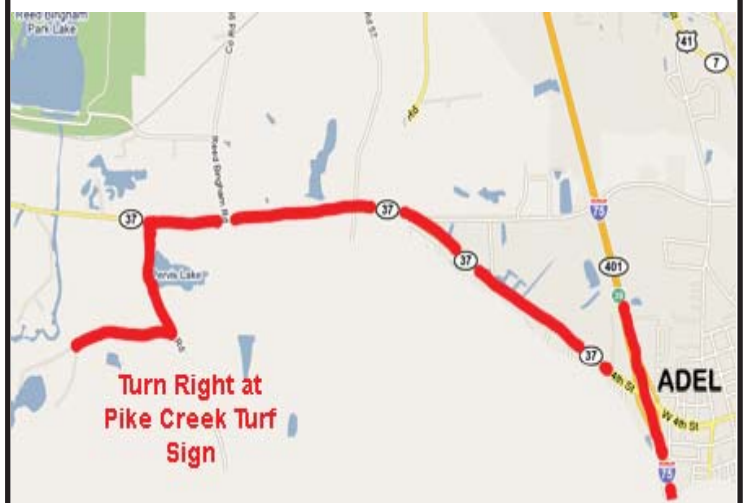
the potential benefits that they provide in protecting the environment. Organic fertilizers will be contrasted to chemical fertilizers. The sources, advantages, disadvantages, types, and characteristics of organic fertilizers will be discussed.

- 11:00 am **PARCHED EARTH: EFFECTS OF THE HISTORIC TEXAS DROUGHT - Gerald Henry - (Texas Tech)**- This presentation will cover the widespread effect of the 2011 drought in Texas and the impact it had on turfgrass managers and the turf industry. Discussion will include the research conducted at Texas Tech and other Universities geared towards reducing the effect/stress of high heat and drought on turf environments.
- 11:30 am **OPTIMIZING ATHLETIC FIELD PERFORMANCE AND SAFETY - John Sorochnan - (UT)** - An overview of the basic management practices which optimize turfgrass wear tolerance on athletic fields will be discussed. Topics including bermudagrass variety selection, mowing height, overseeding, PGRs, and grooming for athletic fields will also be covered.
- 12:00 pm **Lunch sponsored by GSDC & GCIA** - Recognition of the University of Georgia and ABAC Monty Moncrief Scholarship Winners.

Please join us Monday, April 23 for a tour at Pike Creek Turf Farms beginning at 3 pm, followed by a dinner at 5 pm. Please RSVP on the Registration Form and email Brian Schwartz at tifturf@uga.edu

Directions to Pike Creek Turf Farms -

I-75 Southbound Exit 39: Take Hwy. 37 West (RIGHT)
I-75 Northbound Exit 39: Take Hwy. 37 West (LEFT)
Follow Hwy. 37 West for 6.2 miles, passing Reed Bingham State Park. Turn LEFT onto Neil Purvis Road. Turn RIGHT at Pike Creek Turf Sign, after passing sod field on your right.



1:00 pm **GOLF TURF SESSION - Moderator - John Layton - (ABAC)**

1:00 pm **ENVIRONMENTAL STEWARDSHIP FOR THE SUCCESSFUL GOLF COURSE SUPERINTENDENT - Anthony Williams - (Stone Mountain) -** Topics included are creating an environmental plan, sustainability, transparency and green public relations for the modern golf course superintendent. Real world examples of easy to implement strategies to achieve more with less using an *Environomic* approach to golf course maintenance.

1:30 pm **HOW GREEN DO YOU WANT YOUR TURF? - Grady Miller - (NC State) -** This presentation will provide an overview of using turf colorants followed by specific research results and an economic analysis after the evaluation of colorant products. Included in the talk will be some of the management changes and options that turf colorants can provide. For instance, the use of colorants allows more efficient use of herbicide programs for winter weed control than using overseeding.

2:00 pm **THE HISTORY OF AERIFICATION: THE "HOLE" STORY - John Mascaro - (Turf-Tec) -** This presentation details the history of the Aerifier, why we Aerify, and what it really accomplishes. The history of Aerification will be explored from its inception to modern day in this photo journey that spans the last 100 years. Learn the agronomic principles behind one of the most beneficial practices that directly influence turfgrass health.

3:00 pm **BERMUDAGRASS, ZOYSIAGRASS AND CENTIPEDEGRASS RESEARCH PLOT TOUR - Brian Schwartz - (UGA)**

SIMULATING SPORTS FIELD TRAFFIC - Alec Kowalewski - (ABAC) - Introduction and demonstration of "The Baldree Traffic Simulator" on different bermudagrasses.

IDENTIFICATION OF PEST INSECTS IN TURF - Alan Murphy - (ABAC)

3:30 pm **UGA Graduate Student Presentations ZOYSIAGRASS BREEDING AND BERMUDAGRASS EVALUATION - Eric Elsner -** The possibility, repercussions, and breeding potential of self-pollinated seed production in current zoysiagrass cultivars will be discussed. An update will also be given on the water use and drought tolerance of DT-1 as compared to several bermudagrass cultivars.

HERBICIDE RESISTANCE IN BERMUDAGRASS: DEVELOPMENT AND EVALUATION - Austin Grimshaw - An update on the development of ACCase herbicide resistance in bermudagrass through somoclonal variation in tissue culture will be given. Upcoming evaluation of ACCase herbicide resistance in field and greenhouse spray tests using Segment (sethoxydim), FusiladeFX (Fluazifop), SelectMAX (clethodim) ACCase herbicides will also be discussed.

1:00 pm **LAWN & SPORTS TURF SESSION - Moderator - David Presnell (CSFM)**

1:00 pm **BUILT-UP SAND CAPPED ATHLETIC FIELD SYSTEM - Alec Kowalewski - (ABAC) -** This presentation will discuss the cost-benefit of field renovation to a synthetic, conventional sand-based, sand-capped and finally the built-up sand capped system. Then the specifics associated with the built-up sand-capped system, such as drain tile spacing and installation in combination with sand topdressing material selection and application will be presented. Finally a series of case studies implementing this renovation process will be discussed.

1:30 pm **SMART IRRIGATION CONTROLLERS: WHAT MAKES THEM SO SMART AND HOW THEY REDUCE WASTED IRRIGATION - Michael Dukes - (UFL) -** An overview of smart irrigation controller technologies will be given. Research results showing irrigation savings over 50% under a variety of conditions and multiple years will be discussed.

2:00 pm **LIFE AS A GROUNDS KEEPER IN THE SEC - Kenny Pauley - (UGA) -** Q and A with Kenny Pauley, Director of Athletic Turf and Grounds, University of Georgia Athletic Association. Come with questions about the management of your favorite Bulldawg fields.

2:30 pm **Travel to Plots and Welcome -** Dr. Joe West - Assistant Dean of the UGA Tifton Campus

EVALUATION OF TURFGRASSES AND WEEDS FOR RESISTANCE TO ACCase INHIBITING HERBICIDES - Trent Tate - This presentation will cover the levels of resistance found in 25 grasses to 2x and 6x Fenoxaprop (Acclaim Extra) applications and what mutations may have led to the resistant condition. Information gathered from this research is vital to the effective development of an herbicide resistant weed control system using herbicide resistant turfgrasses which is being developed at UGA.

4:00 pm **RESEARCH PROJECT AND SURVEY: GREEN SPEED - THE PEOPLE VS. THE STIMP METER**

4:45 pm General Discussion and Questions

5:00 pm Handout Education Credits

*8 hr. Commerical 24 GA Pesticide Credits
0.6 GCSAA Points CEU Form
Will Be Distributed At The End
Of The Research Project and Survey
For More Information Visit
www.turfconf.com OR
www.ugatiftonconference.org
click on Events or call
UGA Tifton Campus Conference Center
Phone 229.386.3416 Fax 229.386.7229*

TO REGISTER:

Complete the attached registration form and return it with payment to Conference Office, UGA Tifton Campus Conference Center, 2360 Rainwater Rd., Tifton, GA 31793-5766. Make checks payable to UGA TCCC/Turfgrass. You may also register on-line at www.ugatiftonconference.org. Payment must accompany registration, therefore, registration or credit card payment **cannot** be accepted by phone.

REFUNDS & CANCELLATIONS:

Refunds will be given for cancellations made one week prior to the conference. A \$10 cancellation fee will be charged. You may also make substitutions at any time at no additional charge. For substitutions or cancellations call 229-386-3416.

FEE:

Registration postmarked by April 10, 2012 - **\$100.00**
After April 10, 2012 all registrations - **\$125.00**

PESTICIDE CREDITS/CEUs:

Pesticide recertification credit in category 24 (Ornamental and Turf) has been requested from Georgia, South Carolina, North Carolina, Florida, Tennessee, and Alabama. Forms that must be filled out for pesticide credit will be distributed at the end of the day.

Continuing Education Units have been requested from the Golf Course Superintendents Association of America and will be awarded by Abraham Baldwin Agricultural College. Certified Crop Advisors credit will also be offered.

LODGING:

It is requested that you directly contact the motels for room reservations in Tifton. A block of rooms has been reserved at the following motels. (To receive these special rates, refer to the "Turfgrass Conference" when calling for reservations.) It is suggested that these reservations be made as far in advance as possible. Most rooms will be held at these rates until April 10, 2012.

Comfort Inn & Suites - \$70.00/Night plus tax
(229) 382-8250 - 905 W. 7th St., Tifton, GA 31794
Hilton Garden Inn - \$89/Night plus tax - Breakfast - \$9.95
(229) 382-8484 - 201 Boo Drive, Tifton, GA 31794

WE WANT TO HELP:

Special arrangements for people with disabilities will be made if requested in advance. For these arrangements or more information, call the Conference Office at 229-386-3416.

**66th ANNUAL SOUTHEASTERN TURFGRASS CONFERENCE REGISTRATION
APRIL 24, 2012**

FIRST NAME _____ LAST NAME _____

ORGANIZATION _____ COUNTY _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

DAYTIME TELEPHONE _____ FAX _____ Email _____

WHERE DID YOU HEAR ABOUT THIS PROGRAM? _____

_____ \$100.00 registration fee postmarked by April 10, 2012

_____ \$10.00 Student registration fee postmarked by April 10, 2012

_____ \$125.00 registration fee AFTER April 10, 2012

_____ \$20.00 Student registration fee postmarked after April 10, 2012

Complimentary Dinner, April 23, 2012 @ Pike Creek _____ Will Attend _____ Will Not Attend

Payment by check (payable to UGA TCCC/Turfgrass) _____ Signed Purchase Order (No "P.O. Requisitions" or "Vouchers" Accepted) _____

Credit Card Number _____ Expiration Date _____ Security Code _____

Credit Card Billing Address _____

Signature _____

Make checks payable to UGA TCCC/Turfgrass and mail to: TURFGRASS Conference, UGA Tifton Campus Conference Center, 2360 Rainwater Rd., Tifton, GA 31793-5766. IF REGISTERING FOR MORE THAN ONE PERSON BE SURE TO INCLUDE ALL THE ABOVE INFORMATION FOR EACH PERSON. This form may be copied. **PAYMENT MUST ACCOMPANY REGISTRATION.**