



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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67th Annual Southeastern
TURFGRASS CONFERENCE

April 30, 2013

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



ORGANIZED 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 Urban Ag Council
The University of Georgia Cooperative Extension Service

67th ANNUAL SOUTHEASTERN TURFGRASS CONFERENCE

Tuesday, April 30, 2013

7:00 am **Registration & Breakfast** - Lobby, UGA Tifton Campus Conference Center, **Sponsored by UGARF**

8:00 am **Welcome - Dr. Joe West, Assistant Dean of the Tifton Campus - (University of GA)**

8:05 am **Welcome - Dr. David Bridges, President (ABAC)**

8:10 am **Moderator of the General Turf Session - Brian Schwartz, Turfgrass Breeder (University of GA)**

8:15 am **EVALUATION OF ACCase HERBICIDE RESISTANCE IN BERMUDAGRASS - Austin Grimshaw (UGA)** - This presentation will cover the initial findings regarding a potentially herbicide tolerant experimental bermudagrass developed in Tifton. Greenhouse and field trial have been completed and the results are promising. If viable, this resistance could allow warm-season turfgrass managers to selectively control off-type bermudagrass contamination within this variety.

8:30 am **LIFE AFTER NEMACUR: DEALING WITH NEMATODES IN SOUTHEASTERN TURF - Dr. Bruce Martin (Clemson)** - Loss of Nematicur has left managers scrambling for nematode management. Several products have been developed and others are in development to assist in managing these hidden pests. These alternatives and guidelines for their use will be discussed.

9:00 am **ARE YOU GETTING THE MOST FROM YOUR FERTILITY PROGRAM? - Dr. Clint Waltz (UGA)** - Soil pH can affect nutrient availability and turfgrass health. Similarly, nitrogen, phosphorus, and potassium can determine the growth of shoots and roots. Understanding factors associated with nutrient uptake and sufficiency can help you build a cost effective fertility program.

9:30 am **THIS IS NOT YOUR FATHER'S OLDSMOBILE, I MEAN TURFGRASS - Dr. Brian Schwartz and Dr. Paul Raymer (UGA)** - An update will be given on the development and testing of new bermudagrass hybrids for home lawns, sports fields, and golf courses. In addition, a report of the best and most interesting zoysiagrass crosses from the Bladerunner/UGA collaboration will be presented. Finally, a plan to enhance UGA Turfgrass Science facilities will be put forward.

10:00 am **Break sponsored by UGARF**

10:30 am **THE VALUE OF CULTURAL PRACTICES FOR WEED CONTROL IN TURF - Dr. Ramon Leon (Florida)** - This talk will illustrate how cultural practices such as mowing, fertilization, irrigation, among others, can greatly complement herbicide applications yielding better control without incurring extra costs. Also, ecophysiological aspects of weed and turf growth requirements will be explained, and how this information can be used to better design weed management programs.

11:00 am **SMART IRRIGATION TECHNOLOGIES - Bob Scott (Irrigation Consultant Services)** - This presentation will describe irrigation water facts, irrigation water conservation programs on both the Federal and Georgia State levels, irrigation industry smart irrigation direction, and smart irrigation components for sprinklers, controllers and sensors.

11:30 am **ADVENTURES IN WOODY PLANT BREEDING: ADVANCING THE FRONTIERS OF NEW TREES AND SHRUBS - Dr. Michael Dirr (Professor Emeritus UGA)** - The market has changed dramatically for plant breeding. Color dominates, but must be linked to broad geographic adaptability, pest resistance, and ease of production. My programs have introduced over 100 plants into cultivation. This presentation will discuss these and other contributions from different national and international breeders to our southeastern landscapes

12:00 pm **Lunch sponsored by The Turfgrass Group, Pike Creek, GSDC & GCIA** - Recognition of the University of Georgia and ABAC Monty Moncrief Scholarship Winners.

Please join us Monday, April 29 at 3 pm for a tour of Facilities and Sod Fields at SuperSod in Lakeland, GA. A bus will be leaving the UGA Tifton Campus Conference Center at 2 pm for those interested. Dinner will be at SuperSod. Please RSVP on the Registration Form and email Brian Schwartz at tifturf@uga.edu. Directions to SuperSod below:

From The North: I-75 South to Exit 39 (@ Adel)

Turn Left onto GA 37 (drive 23 miles)

Turn Right on to S. Valdosta Rd. (drive 300 ft.)

Turn Left into SuperSod/Patten Seed Parking Lot

From The South: I-75 South to Exit 29 (@Hahira)

Turn Right onto GA 122 (drive 20 miles)

Turn Right onto S. Valdosta Rd. (drive 300 ft.)

Turn Left into SuperSod/Patten Seed Parking Lot



8 hr. Commercial 24 GA Pesticide Credits
0.65 GCSAA Points CEU Form Will Be Distributed At The End Of The Research Project and Survey

2012 Credits Issued, Should Be Similar for 2013

Florida - 3.5

Alabama - 10

South Carolina - 2.5

North Carolina - 2

Tennessee - 6

Crop Advisors 5.5

- 1:00 pm **GOLF TURF SESSION - Moderator - James McCrimmon**
- 1:00 pm **GEO AND ENVIRONMENTAL PROGRAMS AND CERTIFICATION - Dr. Eddie Seagle, Professor Emeritus (ABAC)** - This presentation will address environmental stewardship strategies, sustainability procedures, and the process of certification for environmental awareness. There are two certification agencies supporting golf courses around the world, Golf Environment Organization (GEO) and Audubon International. The process and benefits of the OnCourse and Legacy programs of the GEO will be discussed.
- 1:30 pm **FAIRWAY PAINTING: ANOTHER VIABLE OPTION TO PROVIDE WINTER COLOR - Patrick O'Brien (USGA)** - Fairway painting is now recognized as another technique to provide color to dormant warm season turfgrass fairways. Significant cost savings and lower inputs make this an attractive new business model.
- 2:00 pm **NEW TECHNOLOGIES FOR THE GOLF INDUSTRY SPATIAL MAPPING AND TARGETED ENZYME APPLICATIONS - Dr. Bob Carrow (UGA)** A primary objective of our turf research is to develop/evaluate cutting-edge technologies and approaches to improve sustainability of turf systems. The first is intensive spatial mapping of key soil, topographic, and plant characteristics by mobile, multiple sensor devices to improve efficiency of inputs via site-specific management (i.e., Precision Turf Management). Second, is the directed application of specific enzymes to stimulate organic matter decomposition in thatch/mat; and to alleviate soil water repellency (localized dry spot).
- 1:00 pm **LAWN & SPORTS TURF SESSION - Moderator - Gerald Henry**
- 1:00 pm **THE FIVE W'S AND ONE H OF SPORTS FIELD CONSTRUCTION - Brandon Wilson (Precision Turf)** - This presentation will cover the Who, What, When, Where, Why and How of sports field construction and renovation in a down economy. A brief comparison of turfgrass and synthetic installations will also be covered, including any conclusion of which is ultimately better!
- 1:30 pm **WHERE IS THE GRASS? AND WE NEED TO BE "GREEN"!** - Ken Morrow (Sod Atlanta) and Ben Copeland Jr., (SuperSod) - Golf is in the death throes. Lawns, parks, and community sports fields are where it's at! How can we produce great turf and be considered environmentally friendly?
- 2:00 pm **GAMEDAY AND YEARLY PREPARATION AT THE GROUNDS OF JACKSONVILLE - Ed Attalla (Jacksonville Suns)** - This presentation will look at the detailed activities that are made in preparation for a gameday at the ballpark, as well as our long-term strategies to ensure healthy turf and great conditions for an entire season.
- 2:30 pm **Travel to the Turfgrass Research Plots for Tour**
- 3:00 pm **ISSUES IN URBAN AGRICULTURE - Dr. Kris Braman (UGA)** - The Georgia Center for Urban Agriculture provides leadership in electronic delivery of science-based information to stakeholder groups. The Center mission includes urban county agent program planning and training, professional proficiency certification, World Wide Web educational programming and support, regional educational programming. What opportunities are available to you in 2013?
- 3:05 pm **URBAN AG ISSUES IN GEORGIA - THE RELATIONSHIP OF THE PRODUCER TO THE CLIENT - Mary Kay Woodworth (Urban Ag Council)** - Learn how membership in the Georgia Urban Ag Council supports your business, advocates for the industry's needs, promotes the industry and increases consumer confidence.
- 3:10 pm **REVEALING THE SECRETS OF TURFGRASS USING DNA FINGERPRINTING - Dr. Karen Harris-Schultz (USDA-ARS)** - This talk will include discussion about genetic resources for seashore paspalum, and recent Stakeholder genotyping requests.
- 3:20 pm **IDENTIFYING WEAR TOLERANT TURFGRASS - Dr. James McCrimmon (ABAC)** - A demonstration will be given of how simulated wear treatments can be used to identify which varieties hold up longer to constant traffic, as well as those that recover more quickly from damage once it has already occurred.
- 3:30 pm **TURFGRASS DISEASE UPDATE - Alan Murphy (ABAC)** This talk will cover the symptoms and curative measures for two potentially devastating diseases often faced by home owners and turfgrass managers: large patch on zoysiagrass and mini-ring on dwarf bermudagrass putting greens.
- 3:40 pm **VEGETATIVE VS. SEEDED BERMUDAGRASS - John Layton (ABAC)** - This talk will include a brief background on commonly grown vegetative and seeded bermudagrass cultivars, advantages of each propagation method, and maintaining genetic purity through vegetative cultivars.
- 3:50 pm **TURFGRASS INSECT PEST UPDATE - Dr. Will Hudson (UGA)** A description of new and old turfgrass insect pests that are common to Georgia will be given, followed by a discussion of the best management approaches that have been tried to date.
- 3:55 pm **IDENTIFICATION AND IMPLICATIONS OF BERMUDA GRASS STEM MAGGOT DAMAGE - Lisa Baxter (UGA)** - This talk will focus on identification of bermudagrass stem maggot damage, presentation of proposed damage mechanism, and discussion of the potential implications of this pest on turfgrass.
- 4:00 pm **RESEARCH PROJECT ON THE PLOTS:**
 1. Georgia U-Pick-It: Turfgrass Tailored to You!
 2. Plant Introductions: Ornamental and Garden Plants That Perform
- 4:45 pm General Discussion and Questions
- 5:00 pm Handout Education Credits

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 22, 2013 - **\$100.00**
After April 22, 2013 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 hotels 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 15, 2013.

Country Inn & Suites - 229-382-8100 - \$75 plus tax (includes breakfast)

Hampton Inn - 229-382-8800 - \$92 - \$112 plus tax (includes breakfast)

Hilton Garden Inn - 229-382-8484 - \$99 plus tax (breakfast \$9.95)

Tifton Inn & Suites - 229-382-3300 - \$65 plus tax (includes breakfast)

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.

**67th ANNUAL SOUTHEASTERN TURFGRASS CONFERENCE REGISTRATION
APRIL 30, 2013**

FIRST NAME _____ LAST NAME _____

ORGANIZATION _____ COUNTY _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

DAYTIME TELEPHONE _____ FAX _____ Email _____

WHERE DID YOU HEAR ABOUT THIS PROGRAM? _____

PLEASE CHECK ONE: GOLF COURSE _____ LANDSCAPE & COMMERCIAL _____ SOD FARM _____

SPORTS TURF _____ STUDENT _____ UNIVERSITY RESEARCHER _____

_____ \$100.00 registration fee postmarked by April 22, 2013

_____ \$125.00 registration fee AFTER April 22, 2013

_____ \$10.00 Student registration fee postmarked by April 22, 2013

_____ \$20.00 Student registration fee postmarked after April 22, 2013

Complimentary Dinner, April 29, 2013 @ SuperSod _____ 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.**