2026 Turfgrass and Landscape Field Day, Dallas

Dallas, Texas A&M AgriLife Research and Extension Center. 17360 Coit Rd. Dallas, TX 75252. October 8, 2026, from 7:00 a.m. – 3:00 p.m.

Whether you're a turfgrass professional or a landscape enthusiast, this event is designed to learn and connect! Enjoy a fun-filled day packed with valuable insights and exciting networking opportunities at the Dallas AgriLife Center. Take a stroll through the Dallas AgriLife Center and get an up-close look at ongoing turfgrass studies and live equipment demonstrations. (Don't forget to bring comfortable shoes—we'll be walking!)

Lunch will be provided with registration. We will serve BBQ!

General Registration: https://agriliferegister.tamu.edu/scsc-ev-062

Sponsorship: https://agriliferegister.tamu.edu/scsc-ev-063

General Agenda

7:00 am - 7:50 am: Breakfast with Exhibitors and Registration — Water Building. 7:50 am – 8:00 am: Welcome from the Dallas Center.

8:00 am - 8:15 am: Travel to the Field.

8:15 am – 12:15: Field

Presentations!

12:15 – 12:30 pm: Travel to Water Building.

12:30 pm to 13:30 pm:

- **Lunch - BBQ with Exhibitors (Provided).**
- **Student Poster Presentations.**

13:30 pm to 2:30 pm: Afternoon Presentations: AgriLife, Texas Turfgrass Association (TTA), and North Texas Municipal Water District (NTMWD).

2:30 pm to 3:00: Certificates.

Field Presentation Tracks

Track 1: Turfgrass and Landscape Management				
Id	**Time 1**	**Time 2**	**Presenters**	**Presentation Title**
1	8:15	11:45	M. Chavarria, S. Evans and *P. A. Boeri*	Soil Amendments and Their Effects on Turf Quality. Topdressing Demonstration Trial
2	8:45	11:15	C. Martin and S. Evans	Cobalt Fertilizer and Water-Use Study
3	9:15	10:45	S. Wilson	Tools for golf course management: USGA G3 ball, firmness tester, moisture meter and Deacon App
4	9:45	8:15	B. Wherley	Understanding and Estimating the Light Requirements for Turfgrass
5	10:15	-	J. R. Walker	Planning & People Tools for Land Management
6	10:45	10:15	B. Chang, M. Omer, and *P. A. Boeri*	Root Zone Mixtures - Establishment of St. Augustinegrass using Soil Amendments
7	11:15	-	C. Swanson	Irrigation Calibration
8	11:45	-	M. Orwat	To the Limit: Shade Tolerant Alternatives

Track 2: Integrated Pest Management (IPM). TDA Ag: 3 General & 1 IPM. Structural: 1 L/O Insect Control, 1 IPM & 2 Weed Control				
Id	**Time 1**	**Time 2**	**Presenters**	**Presentation Title**
9	8:15	10:15	L. Miller	Key Tree Pest
10	8:45	10:45	C. Xiong	Key Turfgrass Pests in Texas
11	9:15	11:45	*P. A. Boeri*	Broadleaf and Goosegrass Demonstration Trial
12	9:45	11:15	W. Floyd	Sprayer Calibration
13	10:15	9:15	N. Singh, M. Bagavathiannan and P. A. Boeri	Precision Weed Management
14	10:45	9:45	N. Singh, M. Bagavathiannan and P. A. Boeri	Precision Weed Sprayers Demo
15	11:15	8:15	K. Ong	Proper sampling for diagnostics of turfgrass problems.
16	11:45	8:45	K. Ong	Common landscape plant health issues

Track 3: Turfgrass Breeding				
Id	**Time 1**	**Time 2**	**Presenters**	**Presentation Title**
17	8:15	9:15	A. Chandra	Turfgrass Breeding Cultivar Update
18	8:45	-	M. Jayakodi, P. Purushotham and A. Chandra	Development of a Molecular Marker Platform for Zoysiagrass
19	9:15	11:15	E. Torres, V. Prasanna, H. Guzman, M. Bagavathiannan M. Jayakodi, and A. Chandra	Computer Vision and Image-Based Analysis of Zoysiagrass Phenotyping
20	9:45	8:45	D. Genovesi, Y. Wang, A. Zahid and A. Chandra	Seeded Zoysiagrass Cultivars
21	10:15	-	S. Wakefield and A. Chandra	Evaluation of Regional Buffalograss Ecotypes
22	10:45	11:45	C. Martin and A. Chandra	Evaluating Microalgae for Improving Soil Health
4	11:15	9:15	E. Torres, V. Prasanna, H. Guzman, M. Bagavathiannan, M. Jayakodi, and A. Chandra	Computer Vision and Image-Based Analysis of Zoysiagrass Phenotyping
23	11:45	-	S. Evans and P. A. Boeri	Traffic Tolerance in Bermudagrass NTEP

Track 4: Turfgrass Breeding and Management				
Id	**Time 1**	**Time 2**	**Presenters**	**Presentation Title**
19	8:15	9:45	B. Wherley	Understanding and Estimating the Light Requirements for Turfgrass
20	8:45	9:45	D. Genovesi, Y. Wang, A. Zahid and A. Chandra	Seeded Zoysiagrass Cultivars with Improved Turf Quality and High seed yields
17	9:15	8:15	A. Chandra	Turfgrass Breeding Cultivar Update
2	9:45	8:45	C. Martin and S. Evans	Cobalt Fertilizer and Water-Use Study
6	10:15	10:45	B. Chang, M. Omer, and P. A. Boeri	Root Zone Mixtures - Establishment of St. Augustinegrass using Soil Amendments
3	10:45	9:15	S. Wilson	Tools for golf course management: USGA G3 ball, firmness tester, moisture meter and Deacon App
1	11:15	8:15	M. Chavarria, S. Evans and P. A. Boeri	Soil Amendments and Their Effects on Turf Quality. Topdressing Demonstration Trial
22	11:45	10:45	C. Martin and A. Chandra	Evaluating Microalgae for Improving Soil Health

Track 5: Integrated Pest Management (IPM). TDA Ag: 3 General & 1 IPM. Structural: 1 L/O Insect Control, 1 IPM & 2 Weed Control.				
Id	**Time 1**	**Time 2**	**Presenters**	**Presentation Title**
15	8:15	11:15	K. Ong	Proper sampling for diagnostics of turfgrass problems.
16	8:45	11:45	K. Ong	Common landscape plant health issues
13	9:15	10:15	N. Singh, M. Bagavathiannan and P. A. Boeri	Precision Weed Management
14	9:45	10:45	N. Singh, M. Bagavathiannan and P. A. Boeri	Precision Weed Sprayers Demo
9	10:15	8:15	L. Miller	Key Tree Pest
10	10:45	8:45	C. Xiong	Key Turfgrass Pests in Texas
12	11:15	9:45	W. Floyd	Sprayer Calibration
11	11:45	9:15	P. A. Boeri	Broadleaf, nutsedge and Goosegrass Control Trial

CEU Talks Titles and Descriptions.

1. P. Agustin Boeri, Muthu Bagavathiannan, and Navjot Singh

Title: Precision Weed Management. 1 Ag General. 1 Structural Weed Control. This presentation will examine the integration of image recognition technology into precision weed sprayer systems for site-specific weed management. The discussion will outline the development pipeline, including field-based image acquisition, dataset annotation and validation, model training and performance evaluation, and the translation of computer vision outputs into real-time sprayer actuation. The session will follow with a live demonstration of a precision weed sprayer highlighting the benefits for herbicide reduction and drift mitigation.

2. Caixing Xiong and Laura Miller.

Title: Landscape Pest Trends in Texas: Solutions for Turfgrass and Trees. 1 Ag General. 1 Structural Lawn/Ornamental Insect Control. This session will include two presentations exploring evolving landscape pests in Texas. We will discuss the latest updates on the pasture mealybug, new alternatives for bermudagrass mite control, and other problematic arthropods. Key pests in trees, such as the emerald ash borer and crepe myrtle scale, will also be addressed. Attendees will gain insights into pest identification, biology, and management strategies to protect turfgrass and trees from these dynamic pest populations.

3. Kevin Ong.

Title: Common landscape plant health issues and Proper sampling for diagnostics of turfgrass problems. 1 Ag IPM. 1 Structural General - IPM. The first part of this session will provide a general overview of common landscape plant problems in the North Texas region, highlighting predisposing conditions, causal agents, preventative measures, and post-infestation actions. Accurate identification of disease issues in turfgrass is crucial for effective Integrated Pest Management (IPM) and maintaining healthy lawns and landscapes. This session will equip participants with foundational skills for identifying plant diseases and offer practical guidance on how to collect and submit samples for accurate disease diagnostics.

4. Weston Floyd and P. Agustin Boeri

Title: **Integrated Weed Management and Sprayer Calibration**. 1 Ag General. 1 Structural Weed Control. Environmental conditions, plant biology, and application practices all

influence herbicide efficacy, weed control, and turfgrass safety. This presentation will examine weed traits that affect control, weather impacts such as heat and drought, and common issues including tank-mix incompatibility, nozzle selection, and application volumes. The session will feature an herbicide trial showcasing alternative approaches for managing challenging broadleaf and grassy weeds, as well as a sprayer calibration demonstration to illustrate proper equipment calibration and ensure accurate application rates.