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USDA-ARS
Texas A&M AgriLife Research | Extension

Field Day

Grassland, Soil and Water Research Laboratory

Blackland Research & Extension Center

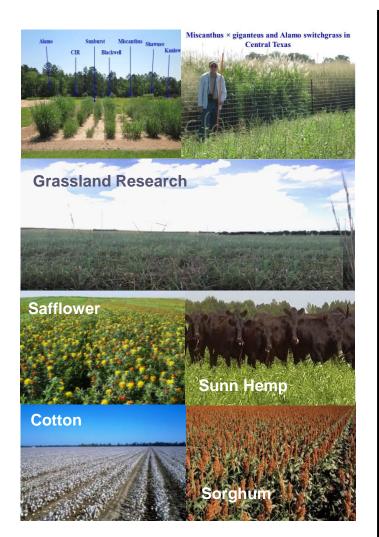
Temple, TX

June 1, 2017









USDA-ARS-GSWRL and Texas A&M AgriLife Scientists and Staff would like to invite you to visit the GSWRL Research Field Site and join us for tours of the fields. This is a great time to learn about the current research being conducted.

Bring your family and friends with you to enjoy this day. We look forward to seeing you!







June 1, 2017



8:00 am Welcome (at the parking garage)

Tour Presentations: (times approximate)

8:35-8:50 Soil health Buddy Faulkenberry and Rick Haney

8:55-9:10 The water cycle, making every drop count *Matt Machacek*

10:20-10:35 Grassland restoration in the Blackland Prairie Bill Fox

Grassland Research

9:15-9:30	Bioenergy Crops: Canola and Switchgrass Jim Kiniry
9:35-9:50	Diversity and competition in grasslands Brian Wilsey and Wayne Polley
9:55-10:10	Remote sensing for field-scale assessment of crop health Wayne Polley
10:15-10:20	What happens when you fertilize native prairie <i>Phil Fay</i>

Cropping Systems Research

10:40-10:55 Cropping Systems Modeling: Determination of key crop parameters through field measurements *Norman Meki and Jim Kiniry*11:00-11:15 Safflower Production Trials *Hal Collins and Doug Smith*11:15-11:30 Sunn Hemp/Cowpea Cover Trials *Hal Collins and Doug Smith*

11:30-11:45 Cotton row spacing and potassium fertility trials Chad Hajda and Hal Collins

11:50-12:10 Switchgrass response to changing precipitation *Rob Heckman and Phil Fay* (back at headquarters rain out shelter)

12:30 Lunch (at the parking garage)

Displays & Posters of Other Research (at the parking garage)

- Soil health laboratory tour *Buddy Faulkenberry and Chris Holle*
- Natural Resources Conservation Service Information booth
- Grazing nutrition and monitoring of livestock. Jay Angerer, Jesse Goplin and Tony Owen
- Effects of burrowing prairie crayfish on soil nutrients, carbon, nitrogen, microbial populations, and soil seed bank. *Tara Nawrocki and Hal Collins*
- Precision Agriculture & Precision Conservation. Chad Hajda and Doug Smith