

## Agenda (Continued)

- 11:00 a.m. Pasture & Grassland Management Utilization**  
*Bisoondat Macoon, PhD, Associate Research Professor & Facilities Coordinator, Mississippi State University*  
Discover how to identify the potential of forages for the Southeast and how to evaluate capacity of production for pasture establishment, as well as other functions required to establish a pasture and crops; the standard required to maximize sustainable livestock production, under grazing, and overstocking condition. And, learn about factors that regulate pasture utilization.
- 12:00 p.m. Lunch**
- 12:30 p.m. NRCS Environmental Quality Incentives Program**  
*Bill Smith, Assistant State Conservation Engineer, USDA/NRCS (Alabama)*  
Learn about NRCS programs that aid you in establishing cross-fencing and watering systems.
- 1:00 p.m. Grazing Management of Cool-Season Annual Grasses...**  
*Bisoondat Macoon, PhD, Associate Research Professor & Facilities Coordinator, Mississippi State University*  
Learn practical considerations in designing a grazing system: a cool forage management, environmental issues in pastures, and utilization of animal wastes in pasture areas.
- 2:00 p.m. Supplementation of Browsing/ Grazing Goats & Sheep**  
*Travis R. Whitney, PhD, Associate Professor, Texas A&M AgriLife Research & Extension Center*  
Learn strategic supplementation management and nutritional requirements to enhance animal performance.
- 3:00 p.m. Environmental Health Hazards of Improperly Disposed Veterinary Medications**  
*Denise Heubach, Regional Extension Agent, ACES*  
Find out how to properly dispose of unwanted or expired meds to prevent environmental contamination.
- 4:00 p.m. Managing Livestock During Periods of Drought & Inclement Weather**  
*Maria Leite-Browning, DVM, Animal Scientist, ACES*  
Learn management practices to mitigate animal and economical losses during harsh environmental condition (drought).
- 4:45 p.m. Evaluation & Closing Remarks**  
*Maria L. Browning, DVM, Animal Scientist, ACES*  
*Karnita Garner, PhD, Environmental Specialist, ACES*

## Sponsors

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## Symposium



**Forages & Grazing**  
**Management Symposium**  
**for Sheep, Goats, &**  
**Small-Scale Cattle**  
**Production**

**August 25-26, 2017**



[www.aces.edu/urban](http://www.aces.edu/urban)

## Overview

### Forages & Grazing Management Symposium for Sheep, Goats, & Small-Scale Cattle Production

Soil health is critical in the production of quality forages and implementation of sustainable grazing practices. Landowners must be knowledgeable of their farm's soil type and its potential for growing forages as well as grazing. Forages and Grazing Management is a research-based educational program offered by the Alabama Cooperative Extension System (ACES) through its Urban Affairs and New Nontraditional Programs unit at Alabama Agricultural and Mechanical University (AAMU). It is designed to educate farmers on the basic principles of forages and grazing management for sheep, goat and small-scale beef cattle production.

Participants will also learn more about Tennessee State University's Dexter cattle research. So, you do not want to miss this opportunity to learn new research-based information, interact with knowledgeable speakers in the field, and have a heart-to-heart conversation with fellow producers.

#### Symposium participants can expect to learn:

- How to select different types of cool and warm season grasses and legumes for forage production.
- Pasture and grazing management options to increase grazing efficiency and rangeland sustainability.
- Natural resource conservation and soil and water quality
- How to enhance knowledge of forbs and shrubs common to rangelands for browsing.
- The potential of the land and its capacity to produce good quality forages.
- Information about stocking rates and managing areas with heavier than desired utilization.
- Ways to identify trends in how livestock management can affect forage production and species composition.
- How to manage livestock during periods of drought and inclement weather.
- How to properly dispose of expired and unwanted veterinary medicines commonly used in sheep, goat and small-scale cattle production.
- The use of dual purpose small-frame breeds

## Agenda

### Friday, August 25, 2017

5:00 p.m. **Welcome & Cocktail Reception**

6:00 p.m. **Forage Profit Factors**

**Dan Ball, PhD, Professor Emeritus, Auburn University**  
Learn how you can achieve reasonable forage production with reduced input costs by selecting the right forages and by using efficient management practices and limited irrigation and managing in drought conditions.

7:00 p.m. **Building a Small-Scale Dexter Cattle Production**

**Richard Browning, PhD, Professor, Tennessee State University**  
If you are a farmer or food producer and have always wanted to get into the cattle business, then raising cattle representing a small-stature breed such as Dexter cattle may be an option. Dexter cattle are much smaller than traditional breeds but produce beef of similar quality and can be sustained at lower management costs. Come and learn more about small-breed of cattle as a viable livestock alternative to the Southeast.

8:00 p.m. **Heart-to-Heart Networking Session**

### Saturday, August 26

8:00 a.m. **On-Site Registration**

8:45 a.m. **Welcome**  
**Celvia Stovall, PhD, Associate Director, ACES**

9:00 a.m. **Soil Health for Livestock Grazing Operations**

**Tibor Horvath, United States Department of Agriculture/National Resources Conservation Service**  
Discover several factors that can influence how a forage crop effectively converts water into pounds of forage such as: soil type and water holding capacity, available soil water, weather conditions and rainfall, physiological stage of plant, yield limiting factors such as stand quality, soil fertility, soil compaction, weeds, and insects.

9:30 a.m. **Demonstration of RCS Rainfall Simulator**

**Tibor Horvath, USDA/NRCS State Agronomist**  
Rainfall simulation demonstrations that helps to determine how healthy soil responds to a rainfall event compared to a poorly managed pasture site soil.

10:00 a.m. **Forage Options to Consider**

**Dan Ball, PhD, Professor Emeritus, Auburn University**  
This presentation will focus on specific cool and warm season forage crops: grasses, legumes that farmers need to consider for planting.

## Registration Information

### Forages & Grazing Management Symposium Perdido Beach, AL

### Registration Form

**(Registration deadline: July 14)**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Please e-mail or send registration form:

Dr. Maria Leite-Browning  
Alabama Cooperative Extension System  
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Normal, AL 35762  
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#### Who Should Attend?

Goat, sheep, beef cattle producers, Extension animals scientists and specialists, students, industry representative, government personnel and anybody interested in animal production.

#### Admission

Admission to all Symposium activities are free, which includes cocktail and reception on Friday, August 25 and lunch on Saturday, August 26.

**Note: Breakfast is on your own on Saturday, August 26.**

**All participants must register by July 14.**

#### Lodging

**\$159 plus tax** per night per room. Reserve your room directly with Perdido Beach Resort and ask for group Booking ID # 14652. The rate of \$159 will be available as long as that room type is available. The other room rates and room types are listed: Angle View Rate (\$159.00) Pass View Rate (\$159.00) Pool View Rate (\$179.00)

#### Recreation

Spend time with your family after Symposium hours at Perdido Beach Resort. Amenities include: bar/lounge, business center with Internet access, fitness center, free high-speed Internet (WiFi), free parking, restaurant room service, and swimming pool facing the ocean front.

**Note: Kids must have an adult with them at all times. Alabama Cooperative Extension System staff will closely monitor this. Activities for children will be planned at certain times as to not interfere with other activities during the workshop.**

#### Symposium Planners

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