



**MISSISSIPPI STATE UNIVERSITY™**  
MISSISSIPPI WATER RESOURCES  
RESEARCH INSTITUTE

FARMERS ADVOCATING RESOURCE MANAGEMENT  
**DELTA F.A.R.M.**

# COVER CROP SYMPOSIUM

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## DELTA RESEARCH AND EXTENSION CENTER

Capps Building | Stoneville, MS

November 29, 2017

**CEU's available:**

Nutrient Management: 1.5  
Integrated Pest Management: 1

Soil & Water Management: 2.5  
Crop Management: 1.5



Wednesday  
November 29, 2017

**Agenda**

8:00 a.m.

**Registraton**

8:30 a.m.

**Mid-South Producer Perspective on Cover Crops**

Adam Chappell – Woodruff County, AR  
Nathan Reed – Lee County, AR

Sledge Taylor – Panola County, MS  
Bubba Simmons – Washington County, MS

9:00 a.m.

**Agronomic Benefits of Cover Crops**

Jeremy Ross, University of Arkansas  
Crop, Soil, and Environmental Sciences – Cooperation Extension Service

9:30 a.m.

**Impact of Improved Soil Health on Sustainability and Profitability of Cotton**

Bill Robertson, University of Arkansas-Cooperative Extension Service

10:00 a.m.

**Cotton Yield and Soil Health Parameters in Cover Crop System**

Darrin Dodds, Mississippi State University - Extension Service & Mississippi Agricultural and Forestry Experiment Station

10:30 a.m.

**Incorporating Cover Crops in Rice Production Systems**

Trent Roberts, University of Arkansas

11:00 a.m.

**Cover Crop Impacts on Sugar Cane Yield and Soil Health Parameters**

Paul White, USDA-ARS, Houma, Louisiana

11:30 a.m.

**Improving Soil Health and Crop Productivity in Mississippi Utilizing Cover Crops, Poultry Litter, and Strip Tillage**

Jack Varco, Mississippi State University - Mississippi Agricultural and Forestry Experiment Station

12:00 p.m.

**Lunch**

1:00 p.m.

**Impact of Cover Crops on Early Season Insect Pests in Agronomic Crops**

Jeff Gore, Mississippi State University - Extension Service and Mississippi Agricultural and Forestry Experiment Station

1:30 p.m.

**Weed Management in Conservation Systems**

Andrew Price, USDA-ARS-NSDL, Auburn, AL

2:00 p.m.

**Integrating Cover Crops and Herbicides for Weed Control**

Larry Steckle, University of Tennessee, Institute of Agriculture, Jackson, TN

2:30 p.m.

**Results from the Arkansas Discovery Farm Program**

Mike Daniels, University of Arkansas - Cooperative Extension Service, Fayetteville, AR

3:00 p.m.

**Cover Crop Effects on Soil and Water Resources**

Martin Locke, USDA-ARS - National Sedimentation Lab, Oxford, MS

3:30 p.m.

**Conservation Systems**

Kip Balkcom, USDA-ARS, Auburn AL

4:00 p.m.

**Cover Crop Effects on Erosion, N and P Transport, and Corn Grain Yield**

Dave Spencer, Mississippi State University - College of Agriculture and Life Sciences

4:30 p.m.

**Panel Discussion Producer Lead**

Adam Chappell – Woodruff County, AR  
Nathan Reed – Lee County, AR

Sledge Taylor – Panola County, MS  
Bubba Simmons – Washington County, MS