Mississippi County Field Day
Tuesday, Sept. 9, 2014
Manila Municipal Airport, terminal building

8:00-8:30 Registrations
8:30-9:00 Dr. Fred Bourland, Director/Professor Northeast Research & Extension
Cotton Variety Testing

9:00-9:30 Dr. Morteza Mozaffari Assistant Professor Crop, Soil and Environmental Science
Field evaluation of controlled release nitrogen fertilizers in sandy soils.

9:30-10:00 Dr. Bill Robertson, State Cotton Agronomist
Cotton Defoliation and Foliar Feeds

10:00-10:30 Jason Osborn, Mississippi County Extension Agent
Phaucet Irrigation

10:30-11:00 Ray Benson, Mississippi County Extension Agent-Staff Chair,
Pitfalls of Irrigation in Cotton

11:00-11:30 Tina Gray Teague, Professor of Entomolgy, ASU - University of Arkansas
Division of Agriculture Jonesboro
Tools for Managing Plant Bugs

11:30 Lunch

Mississippi County Field Day
Student Research Presentations

Yin-Lin Jack Chiu, Michele L. Reba, Tina Gray Teague, and Christopher G. Henry,
“Development of a Wireless Sensor Network for Monitoring Wetting Front Advance During
Irrigation Events”

Justin Chlapecka, Tina Gray Teague, Ray Benson, and Michele L. Reba. “Plant, Soil and
Weather-Based Cues for Irrigation Timing in Soybean Production.”

Ethan Leonard, Michele Reba, and Jerry Farris, “Characterization Based on Water Quality
Assessments of a Tailwater Recovery System Associated with Agricultural Production”

Austin L. Lewis, Michele L. Reba, Tina G. Teague, Chris G. Henry, Earl D. Vories, D. Keith
Morris, and Chris DeClerk, “Field Validation of Irrigation Planning Tools in Major Arkansas
Row Crops”
Nadine Straitt, Michele Reba, Seth Dabney, Tina Gray Teague, and Jennifer Bouldin, “Impacts of Conservation Practices on Runoff Water Quality from Production Fields using Edge-of-Field Monitoring”


Ray Benson, Tina Gray Teague, Earl Vories, and Michele Reba “Variation in Cotton Growth and Maturity in Response to Irrigation Timing and Seeding Rate”