

## **SOYBEAN PROJECT SUMMARY – Funded 2007**

**TITLE:** Soybean Production Tools for Alabama

**INVESTIGATORS:**

Dennis Delaney<sup>1</sup>, Ed Sikora<sup>1</sup>, Kathy Lawrence<sup>2</sup>, and Bob Goodman<sup>1</sup>,  
Rudy Yates<sup>3</sup>, David Derrick<sup>3</sup>, Brandon Dillard<sup>3</sup>, Richard Petcher<sup>3</sup>, and Warren Griffith<sup>3</sup>

<sup>1</sup>Extension Specialist, <sup>2</sup>Associate Professor, <sup>3</sup>Regional Extension Agent

Three on-farm variety trials were harvested in 2007, with conventional and RR varieties ranging from MG IV to VI, with several other trials abandoned due to dry weather. Yields ranged from 31 to 41 bu/A in Pickens County, 18 to 38 bu/A in Houston County and 26 to 37 bu/A in Baldwin County. Desiccation materials for harvest efficiency were evaluated at Crossville and Shorter. Several treatments increased soybean leaf and stem, and grass desiccation, but had no significant impact on harvest moisture, trash, seed weights or yield. Late application of 1X and 2X rates of glyphosate to soybeans at the R5 growth stage reduced yields by 10% and 100-seed weights by 7% at Sand Mountain REC, but there were no significant differences in yield or seed weights at Tennessee Valley REC.