

**ARKANSAS SOYBEAN PROMOTION BOARD  
SUMMARY OF FUNDED RESEARCH - 2007**

**Title:** Improving Technology Transfer for Profitable and Sustainable Soybean Production

**Investigator(s):** Dr. Jeremy Ross

**Objectives:**

1. To ensure timely development and distribution of the *Soybean Update* publications (Early-Planted and Convention Production Systems) as well as the *SOYVA* computer assisted variety selection program.

*Both the Soybean Update publications and the SOYVA program were compiled and distributed to Extension agents, growers, and consultants by mid-January 2007.*

2. To improve the rate of technology transfer and adoption by the implementation of educational programs that impart critical decision-making information at advisory and producer level for improved profitability for sustainable soybean production systems (non-irrigated and irrigated), including the use of weekly electronic soybean reports (e-mail and web versions) and timely newsletters such as *Arkansas Weekly Soybean Report, Soybean Notes, and Arkansas Soybean Rust Working Group Update.*

*These newsletters were sent by e-mail weekly to County Extension Agents, producers, consultants, and other agri-industry personnel. In addition, these newsletters were distributed via the AGFax network reaching other soybean producing states in the Mid-South.*

*Fourteen issues of the Soybean Notes was sent electronically to County Extension Agents and interested soybean clientele in soybean producing counties and posted on the following web site:*

[http://www.aragriculture.org/News/soybean\\_notes/default.asp](http://www.aragriculture.org/News/soybean_notes/default.asp)

3. Continue to coordinate state and regional meetings to facilitate the latest soybean production updates. These will include the *Arkansas Soybean Research Conference, Tri-State Soybean Forum*, as well as other events deemed necessary by emerging production problems.

*The 2007 Tri-State Soybean Forum was held in Vicksburg, MS on January 3, 2008. Approximately 250 producers, consultants, and other agri-industry personnel participated in the Forum.*

4. To increase the awareness of county extension agents, consultants, agribusiness representatives, concerned producers of the status, direction, and value of current soybean research and Extension efforts.

*During the spring of 2007, 22 Asian soybean rust sentinel plots were planted across Arkansas. Weekly sampling of these sentinel plots helped the Arkansas Soybean Rust Group identify the presents of Asian soybean rust early in the season in Southwest Arkansas. Weekly reports of Asian soybean rust and recommendations were distributed in the Soybean Notes.*