



# Mississippi Soybean Promotion Board

Current fiscal year  
checkoff investment  
in production research

# \$1.7 million



## TOP RESEARCH FUNDING AREAS

- Irrigation Management – On-Farm Sensor Refinement, Computerized Hole Selection, Surge Irrigation and Soil Moisture Sensors
- Variety Testing – Yield, Disease Screening, Seed Composition, Quality and Iron Deficiency Chlorosis
- Production Systems – Cover Crops, Soil Health, Tillage Systems, Row Spacing and Plant Population
- Nutrient Management – Phosphorus and Potassium, Soil Test Recommendations and Poultry Litter
- Disease, Weed and Insect Management



## RECENT INNOVATIVE RESEARCH PROJECTS

- Row-Crop Irrigation Science Extension and Research (Riser) Program
- Using Weeds to Develop Herbivore-Resistant Soybeans
- Dicamba Volatility Under Field Conditions
- Herbicide Resistance Stewardship



## TOP THINGS FOR FARMERS TO KNOW ABOUT CHECKOFF DOLLARS INVESTED IN RESEARCH

The Mississippi Soybean Promotion Board works to increase soybean farmer profitability by investing checkoff dollars in ongoing public research and Extension programs that address Mississippi production challenges, by driving adoption of best management practices developed through research, and by ensuring the sustainability of Mississippi soybean production.



## TOP AREAS OF RESEARCH CRITICAL TO THE FUTURE OF MISSISSIPPI'S SOYBEAN PRODUCTION

- Variety Selection and Development
- Irrigation Efficiency
- Growing Soybeans Efficiently and Effectively

## Sweet Success

Through the RISER Program, irrigation water use was reduced by 21 percent and water use efficiency improved by 36 percent, increasing producer profitability by \$13 per acre.

The Soybean Variety Testing Program, coordinated through the Mississippi Agricultural & Forestry Experiment Station (MAFES) and Mississippi State University Extension, uses small and large plots across various soils and regions of the state to research varieties and continue to place producers in position to pick top varieties suited for their land and management.



SOYBEAN RESEARCH &  
**INFORMATION  
NETWORK**

**SOYBEANRESEARCHINFO.COM**

*Funded by the soybean checkoff*