



[WWW.MSSOY.ORG](http://www.mssoy.org) → MSPB WEBSITE

WITH UP-TO-DATE SOYBEAN PRODUCTION INFORMATION

MISSISSIPPI SOYBEAN PROMOTION BOARD

PROJECT NO. 23-2018

2018 ANNUAL REPORT

PROJECT TITLE: Enhancement of Mississippi Soybean Variety Trials Through Standardization

PROJECT LEADER: Brad A. Burgess, Brad.Burgess@msstate.edu

OBJECTIVES: To standardize varieties for testing over all test locations in Mississippi Soybean Variety Trials

PROGRESS

The objective of this project was to provide an unbiased evaluation of soybean varieties, both commercially available and experimental, for yield potential, plant height, lodging and maturity. This was done in both dryland and irrigated environments within major soybean areas of Mississippi.

As of March 31, 2019, all activities associated with the 2018 MAFES Official Soybean Variety Trials have been completed and the official results of each of these trials have been recorded and reported in a MAFES information bulletin, as well as on the MAFES Variety Testing website (<http://mafes.msstate.edu/variety-trials/>).

This project evaluated 176 varieties of soybeans within multiple technology groups such as Roundup Ready, Roundup Ready Xtend, Liberty Link, and conventional varieties. The yield results and plant characteristics observed and recorded from each of these soybean entries were recorded in our annual MAFES information bulletin, Mississippi Soybean Variety Trials, 2018.

The final results of these data are available to Mississippi producers to help them make important future decisions when selecting a soybean variety that might perform best on their farm. All data collected were also shared with the Miss. Soybean Promotion Board as soon as this information was compiled into a usable spreadsheet. Our goal was to provide the results in a timely manner so that they might be added into the Miss. Soybean Promotion Board's variety selection tool. Hopefully this tool, in combination with MSU Variety Trial data, will enable producers to choose soybean varieties that allow them the greatest yield potential, disease resistance, etc... on their farm to net them the greatest profit.