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MISSISSIPPI SOYBEAN PROMOTION BOARD PROJECT NO. 23-2017 (CONT) 2017 ANNUAL REPORT

PROJECT TITLE: “Enhancement of Mississippi Soybean Variety Trials Through Standardization”

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OBJECTIVES AND PROGRESS

Objective: To provide an unbiased evaluation of commercially-available and experimental soybean varieties for yield potential, plant height, lodging, and maturity in both dryland and irrigated environments in major soybean production areas of Mississippi.

Progress: As of March 31, 2018, all activities associated with the 2017 MAFES Official Soybean Variety Trials have been completed and the official results of each of these trials has been recorded and reported in [MAFES Information Bulletin 526](#), as well as on the MAFES Variety Testing website (<http://mafes.msstate.edu/variety-trials/>).

This project evaluated 169 total varieties of soybeans within multiple technology groups such as Roundup Ready, Roundup Ready Xtend, Liberty Link, and also conventional varieties. The yield results and plant characteristics of each of these entries were recorded in our annual MAFES information bulletin, Mississippi Soybean Variety Trials, 2017. These final results are available to Mississippi producers for their use in making 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 as timely as possible 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.