MISSISSIPPI SOYBEAN PROMOTION BOARD
PROJECT NO. 23-2016 (CONT.)
2016 ANNUAL REPORT

PROJECT TITLE: Enhancement of Mississippi Soybean Variety Trials Through Standardization (OVT)

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

REPORT OF PROGRESS

As of March 31, 2017, all activities associated with the 2016 MAFES Official Soybean Variety Trials (OVT) have been completed and the results of each of these trials have been recorded and reported in MAFES Information Bulletin 515, as well as on the MAFES Variety Testing website. The objective of this project was to evaluate 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.

This project evaluated 183 total varieties of soybeans within multiple technology groups, such as Roundup Ready, Roundup Ready Xtend, Liberty Link, and conventional (no herbicide-tolerant traits). The yield results and plant characteristics measured and recorded from each of these soybean entries was recorded in our annual MAFES Information Bulletin 515, Mississippi Soybean Variety Trials, 2016. These data are available to Mississippi producers to provide them with information needed to select varieties with desired traits that might perform best on their farm.

All data collected were also shared with the Miss. Soybean Promotion Board (MSPB) as soon as this information was compiled into a usable spreadsheet. Our goal was to provide the results as timely as possible so that these data could be added into the MSPB Variety Selection Tool. Hopefully this selection tool, in combination with MSU Soybean Variety Trial data, can be utilized by producers to choose soybean varieties that will give them the greatest yield potential and pest resistance needed for their production fields.