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2017

Annual
Final Report + Summary

to the

MISSISSIPPI PEANUT GROWERS ASSOCIATION

2017

PROJECT TITLE: “Standardization of Mississippi Peanut Variety Trials”

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OBJECTIVES: To standardize varieties for testing over all test locations in Mississippi Peanut Variety Trials, in an effort to collect unbiased yield data.

PROGRESS TO DATE:

As of the end of the December 2017, all peanut plots have been harvested, weighed and moisture recorded. After being recorded, the raw data was sorted by variety and statistically analyzed. The plot weights were converted from pounds per plot, into pounds per acre. A sample from each of the eighteen varieties, at each location, was collected to be graded. The results from this grading process were used to report the %TSMK. This %TSMK data was included along with the yield data from these eighteen varieties tested, which corresponds with each individual plot from each individual location. Data from one location (Beaumont) will not be published due extensive weathering and animal feeding following the digging process, but prior to harvest. The methods and results obtained from these trials were combined into a rough draft of a MAFES information bulletin and sent out to be peer reviewed prior to submitting for printing. Following this review process and proper approval, a MAFES information bulletin will be printed and all these yield results and location information will then be made available for producers, to aid them in making future planting decisions. The preliminary yield and grade results table is currently available on the website listed below. The final results from these MAFES official variety yield trials will also be made available on the MAFES Variety Trials website (<http://mafes.msstate.edu/variety-trials/>) as soon as all the last corrections are made.

Plans are already being made for the upcoming 2018 growing season to ensure that adequate land is requested and the soil is tested prior to planting to ensure that proper fertility is applied, if necessary, to maximize the crops yield potential. As in the past

several growing seasons, varieties evaluated for yield potential in these trials will be recommended by the Extension Peanut Specialist at Mississippi State University.