

Findings from the 2019 Survey of Mississippi Peanut Grower Application and Weed Management Practices

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A statewide survey was distributed across Mississippi to better understand spray application practices for pest management in peanut. The survey was designed to elicit peanut grower feedback to better understand what kind of sprayers and nozzle types are used as well as the settings they use to make their applications like application pressure, application volume, ground speed, and whether they utilize aerial application. The survey was distributed using the Mississippi Peanut Growers Association email list and the survey could be completed using any device that can connect to the internet through Qualtrics. The total number of respondents is not yet known but will be available by the time of the APRES 2019 meeting. The survey contained three sections: demographics, application practices, and weed and pest management concerns. The demographics section provided information on average farm size and what other crops peanut growers produce in a given season as well as what counties the respondents were from. The application practices section elicited information about nozzle type, application pressure used, application volume used, and other specific questions with respect to spraying practices. The last section was designed to elicit thoughts about what concerns growers had, to better address those concerns through future research projects. All the data will be tabulated and summarized to help make useful research programs to address areas of concern with respect to weed management and improve application practices across the state.