

PREFACE

This research report presents the results of the 2016 statewide performance tests of peanut, cotton, and tobacco. The tests for various evaluations were conducted at several or all of the following locations: Bainbridge, Tifton, Plains and Midville in the Coastal Plain region, and Athens in the Piedmont region. For identification of the test site locations, consult the map on the inside of back cover.

Agronomic information such as grade, fiber data, plant height, lodging, disease occurrence, etc., is listed along with the yield data. Information concerning planting and harvest dates, soil type, and culture and fertilization practices used in each trial is included in footnotes. During 2016, HVI (High Volume Index) cotton fiber samples were sent to Macon, Georgia, for analysis.

In order to have a broad base of information, a number of varieties, including experimental lines, are included in the trials, but this does not imply that all are recommended for Georgia. Varieties best suited to a specific area or for a particular purpose and agreed upon by College of Agricultural and Environmental Sciences agronomists are presented in the 2017 Spring Planting Schedule for Georgia (available from your county Extension office). Pesticides used for production practices are included for the benefit of the reader and do not imply any endorsement or preferential treatment by the University of Georgia Agricultural Experiment Station. For additional information, contact your local county Extension agent or the nearest experiment station.

The least significant difference (LSD) at the 10% level has been included in the tables to aid in comparing varieties. If the yields' difference of any two varieties exceeds the LSD value, they can be considered different in yield ability.

This report is one of four publications presenting the 2016 performance of agronomic crops in Georgia. For more information concerning other crops, refer to one of the following research reports: 2016 Corn Performance Tests (Annual Publication 101-8), 2015-2016 Small Grains Performance Tests (Annual Publication 100-8), 2016 Soybean, Sorghum Grain and Silage, and Summer Annual Forage Performance Tests (Annual Publication 103-8), and 2013-2014 Canola Performance data available online at www.swvt.uga.edu/canola.

This report, along with performance test information on other agronomic crops, is also available online at www.swvt.uga.edu. Additional information may be obtained by writing to John Gasset, Crop and Soil Sciences Department, University of Georgia, Griffin Campus, 1109 Experiment St., Griffin, GA 30223-1797.

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