



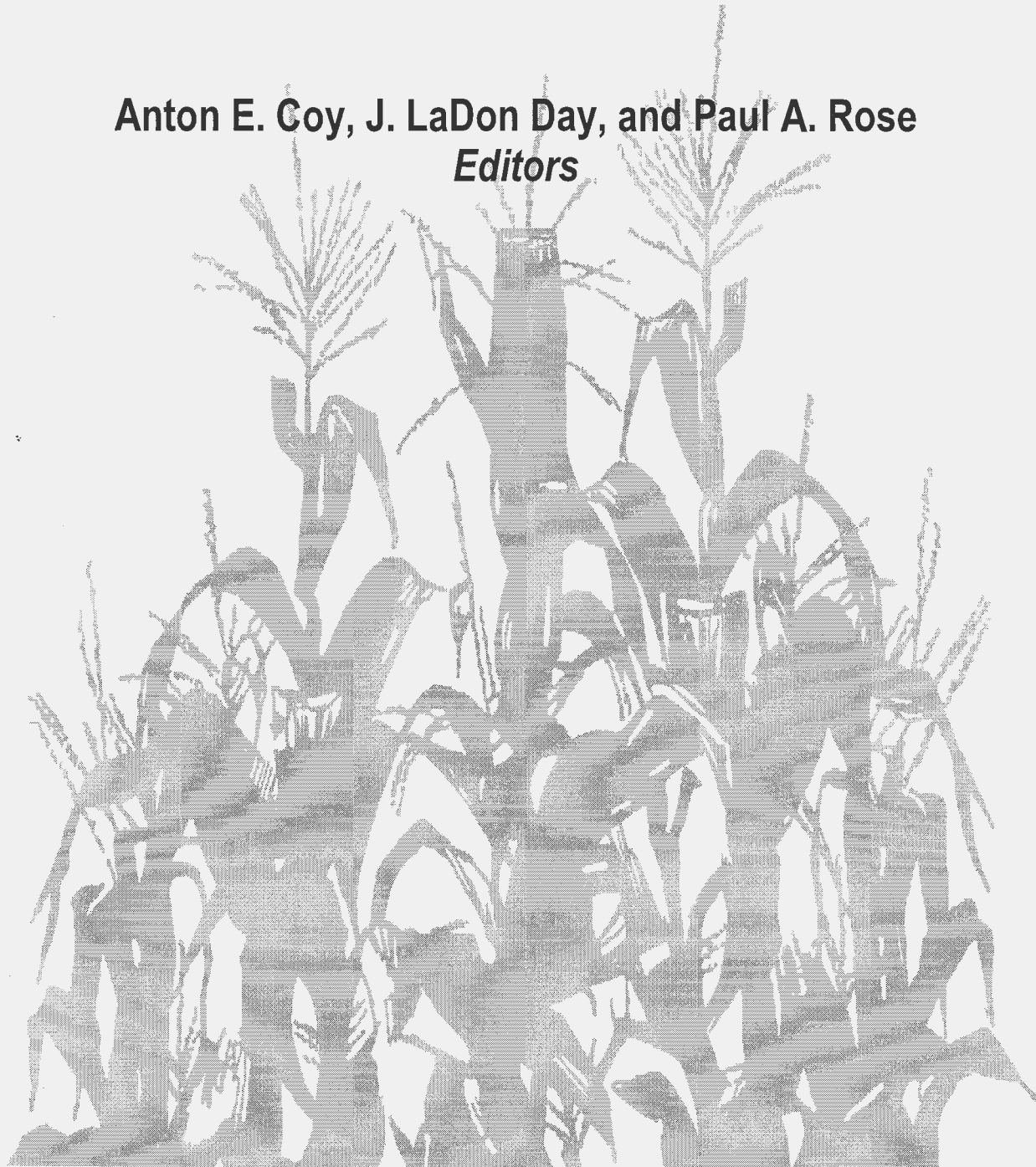
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2004 Corn Performance Tests

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Editors



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PREFACE

In this research report, the results of the 2004 corn performance trials are presented. Corn performance trials were conducted at six locations throughout Georgia (see map on next page) in 2004. Short-season and mid-season hybrids were planted at Tifton, Plains, and Midville in the Coastal Plain region, at Griffin in the Piedmont region, at Calhoun in the Limestone Valley region, and at Blairsville in the Mountain region. Hybrids used for silage were evaluated at Tifton, Griffin, Calhoun, and Blairsville. Preliminary experimental hybrids were tested at Tifton only.

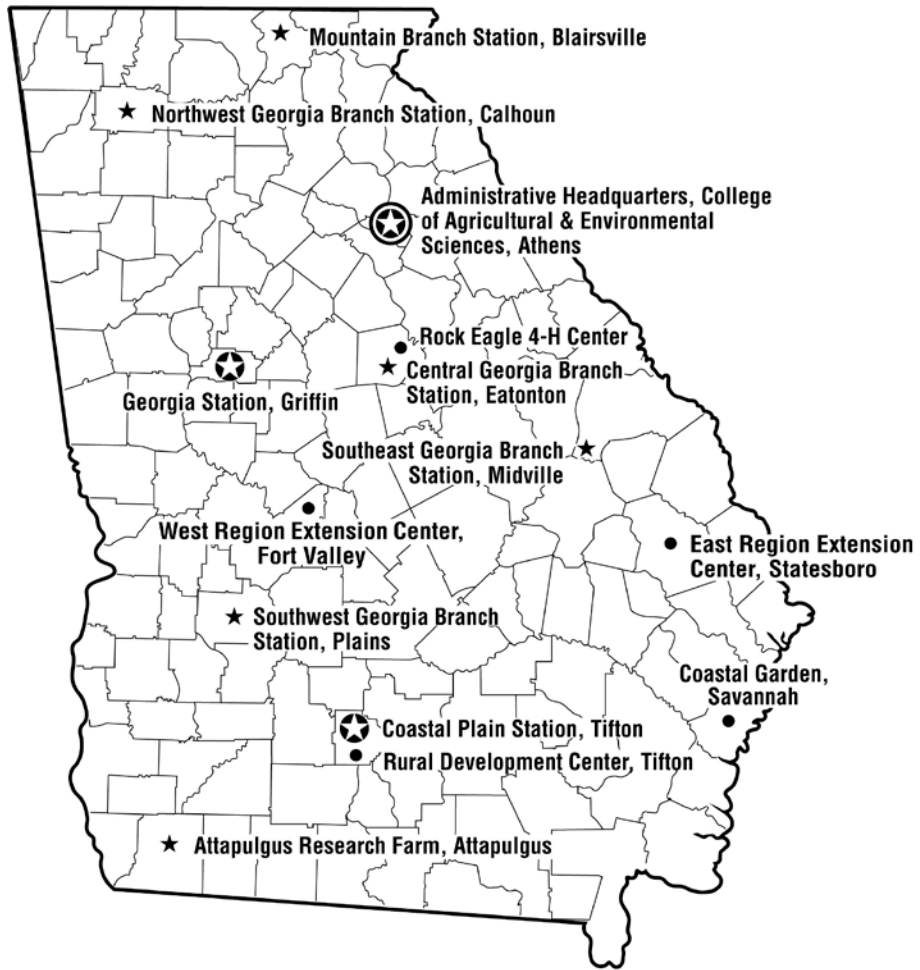
At each site all plots within a maturity group were seeded at the rates specified and not thinned, and the populations at harvest are included in the tables. Information concerning fertilization and cultural practices used in each trial is included with the tables. Grain harvesting was done with a small plot combine, and yields were adjusted to 15.5% moisture. Since data averaged over several years indicate a hybrid's yield potential better than data from only a single year, average yields over several years are included in this report.

The least significant difference (LSD) at the 10% level has been included in the tables to aid in comparing hybrids. If the yields' difference of any two hybrids exceeds the L.S.D. value, they can be considered different in yield ability. **Bolding** is used in the performance tables to indicate hybrids with yields statistically equal to the highest yielding entry in the test. The standard error (Std. Err.) of an entry mean is included at the bottom of each table to provide a general indicator of the level of precision of each experiment. The lower the value of the standard error of the entry mean, the more precise the experiment.

Producers of hybrid seed corn are invited to enter their hybrids in the Georgia performance trials. Most hybrids entered are commercially available in Georgia, but a few experimental hybrids are also entered. Entry of a hybrid in these trials does not imply endorsement or recommendation by the University of Georgia College of Agriculture.

This report is one of five publications presenting the 2003-2004 performance of agronomic crops in Georgia. For information concerning the performance of other crops, refer to one of the following research reports: 2003-2004 Small Grains Performance Tests, Experiment Station Research Report #694; the 2003-2004 Canola Performance Tests, Experiment Station Research Report #695; the 2003 Soybean, Sorghum Grain and Silage, Grain Millet, and Summer Annual Forages Performance Tests, Experiment Station Research Report #691; and the 2003 Peanut, Cotton and Tobacco Performance Tests, Experiment Station Research Report #692.

This report, along with performance test information on other crops, is also available at our web site www.griffin.uga.edu/swvt. Additional information may be obtained by writing J. LaDon Day, Crop and Soil Sciences Department, University of Georgia, Griffin Campus, 1109 Experiment Street, Griffin, GA 30223-1797.



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