PREFACE

In this research report, the results of the 2012 corn performance trials are presented. Corn performance trials were conducted at six locations throughout Georgia (see map on following page) in 2012. 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.

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. A plot combine was used for grain harvesting, 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 LSD 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 Agricultural and Environmental Sciences.

This report is one of four publications presenting the performance of agronomic crops in Georgia. For information concerning the performance of other crops, refer to one of the following research reports: 2011-2012 Small Grains Performance Tests (Annual Publication #100-4), the 2011 Soybean, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests (Annual Publication #103-3), the 2011 Peanut, Cotton and Tobacco Performance Tests (Annual Publication #104-3), and the 2012 Canola Performance data (www.swvt.uga.edu/canola.html).

This report, along with performance test information on other crops, is also available online at www.swvt.uga.edu. 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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