



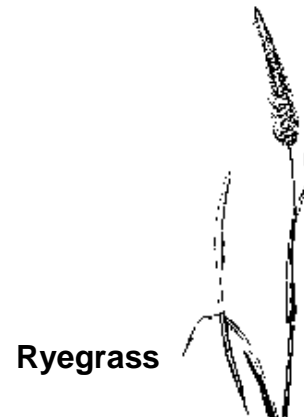
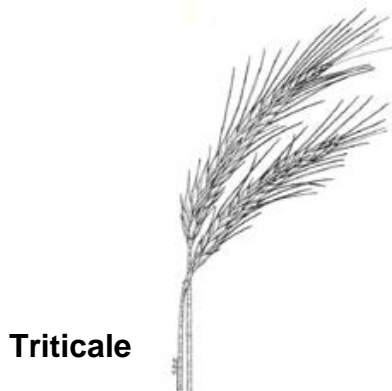
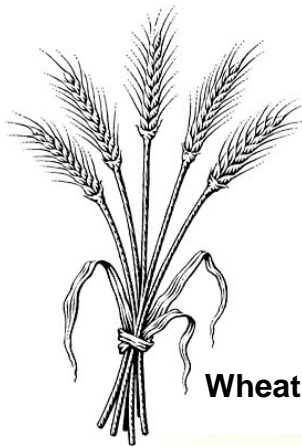
The Georgia Agricultural Experiment Stations
College of Agricultural and Environmental Sciences
The University of Georgia

Annual Publication 100-6
July 2014

Georgia

2013-2014 Small Grain Performance Tests

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Editors



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Conversion Table

U.S. <i>Abbr.</i>	<i>Unit</i>	<i>Approximate Metric Equivalent</i>
Length		
mi	mile	1.609 kilometers
yd	yard	0.9144 meters
ft or'	foot	30.48 centimeters
in or"	inch	2.54 centimeters
Area		
sq mi or mi ²	square mile	2.59 square kilometers
acre	acre	0.405 hectares or 4047 square meters
sq ft or ft ²	square foot	0.093 square meters
Volume/Capacity		
gal	gallon	3.785 liters
qt	quart	0.946 liters
pt	pint	0.473 liters
fl oz	fluid ounce	29.573 milliliters or 28.416 cubic centimeters
bu	bushel	35.238 liters
cu ft or ft ³	cubic foot	0.028 cubic meters
Mass/Weight		
ton	ton	0.907 metric ton
lb	pound	0.453 kilogram
oz	ounce	28.349 grams
Metric <i>Abbr.</i>	<i>Unit</i>	<i>Approximate U.S. Equivalent</i>
Length		
km	kilometer	0.62 mile
m	meter	39.37 inches or 1.09 yards
cm	centimeter	0.39 inch
mm	millimeter	0.04 inch
Area		
ha	hectare	2.47 acres
Volume/Capacity		
liter	liter	61.02 cubic inches or 1.057 quarts
ml	milliliter	0.06 cubic inch or 0.034 fluid ounce
cc	cubic centimeter	0.061 cubic inch or 0.035 fluid ounce
Mass/Weight		
MT	metric ton	1.1 tons
kg	kilogram	2.205 pounds
g	gram	0.035 ounce
mg	milligram	3.5 x 10 ⁻⁵ ounce



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PREFACE

Results of the 2013-2014 performance tests of small grains grown for grain and forage are printed in this research report. Grain evaluation studies were conducted at five locations in Georgia, including Tifton, Plains and Midville in the Coastal Plain region, Griffin in the Piedmont region, and Calhoun in the Limestone Valley region. Small grain forage evaluation tests were conducted at four locations in Georgia, which included Tifton and Plains in the Coastal Plain region, Griffin in the Piedmont region and Calhoun in the Limestone Valley region, and at Marianna, Florida. For identification of the test locations, consult the map on following page.

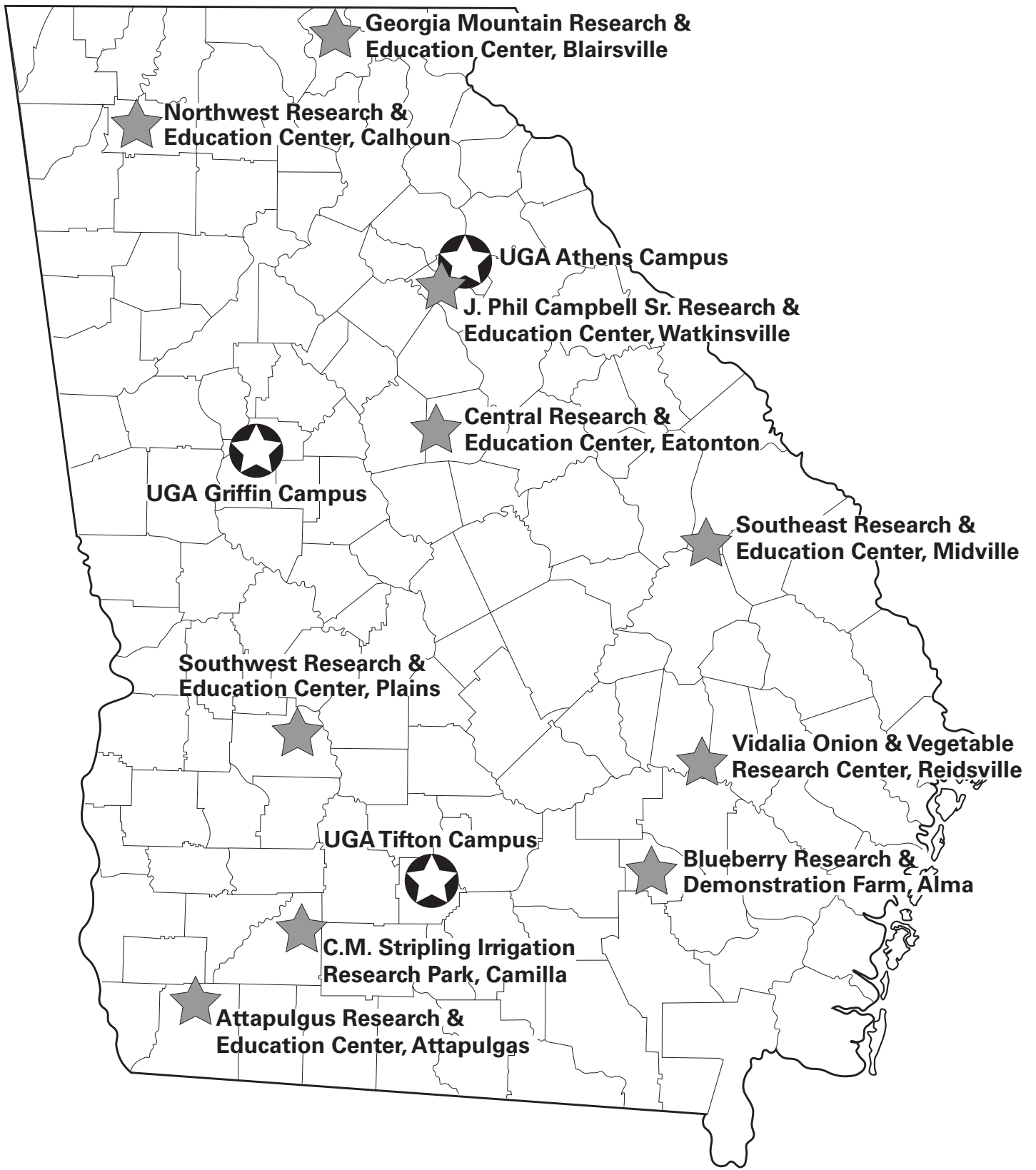
Grain yields are reported as bushels per acre at 13.5% moisture for wheat, 13% moisture for triticale and rye, 12.5% moisture for oats and 12% moisture for barley. Additional agronomic data such as plant height, lodging, disease incidence, etc. are listed along with the corresponding yield data. Information concerning culture and fertilizer practices used is included in footnotes. Since the average yield from several years indicates a variety's potential better than a single year's data, multiple year yield summaries are included.

In order to have a broad base of information, a number of varieties, including experimental lines, are included in the tests, 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 scientists are presented on pages 4 and 5 and also in the 2014 Fall Planting Schedule for Georgia (available at your county Extension office). For additional information, contact your local county Extension office, the nearest UGA campus or nearest UGA Research and Education Center.

The Least Significant Difference (LSD) at the 10 percent level has been included in the tables to aid in comparing varieties and tests. If the yields' difference of any two varieties exceeds the LSD value, they can be considered different in yield ability. **Bolding** is used in the performance tables to indicate entries 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 variety experiment. The lower the value for the standard error of the entry mean, the more precise the experiment.

This report is one of five publications presenting the performance of agronomic crops in Georgia. For information concerning other crops, refer to one of the following research reports: 2013 Corn Performance Tests (Annual Publication 101-5), 2013 Soybean, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests (Annual Publication 103-5), 2013 Peanut, Cotton and Tobacco Performance Tests (Annual Publication 104-5) and 2013-2014 Canola Performance Tests (available at <http://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 to Mr. John D. Gasset, Department of Crop and Soil Sciences, Griffin Campus, 1109 Experiment Street, Griffin, GA 30223-1797.



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