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Georgia
2010-2011 Small Grain Performance Tests

J. LaDon Day, Anton E. Coy
and John D. Gassett
Editors

Wheat

Oat

Rye

Triticale

Barley

Ryegrass

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Conversion Table

U.S. *Abbr.*	*Unit*	*Approximate Metric Equivalent*
	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 *Abbr.*	*Unit*	*Approximate U.S. Equivalent*
	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	3.5×10^{-5} ounce

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PREFACE

Results of the 2010-2011 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, Calhoun in the Limestone Valley region and at Quincy, Florida. Small grain forage evaluation tests were conducted at four locations in Georgia, which included Tifton and Plains in the Coastal Plain, Griffin in the Piedmont and Calhoun in the Limestone Valley region, and at Marianna, Florida. For identification of the test locations, consult the map inside the back cover of this report.

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 2011 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 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: 2010 Corn Performance Tests (Annual Publication 101-2), 2010 Soybean, Sorghum Grain and Silage, Summer Annual Forages and Sunflower Performance Tests (Annual Publication 103-2), 2010 Peanut, Cotton and Tobacco Performance Tests (Annual Publication 104-2) and 2009-2010 Canola Performance Tests (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. J. LaDon Day, Department of Crop and Soil Sciences, Griffin Campus, 1109 Experiment Street, Griffin, GA 30223-1797.

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CONTENTS

Grain Test Results

Wheat

State Variety Trials

Uniform Southern Tests

Triticale and Rye

Oat

Barley

Forage Test Results

Wheat

Triticale and Rye

Triticale Silage

Oat

Ryegrass

2010-2011 SMALL GRAIN PERFORMANCE TESTS

Edited by J. LaDon Day, Anton E. Coy and John D. Gassett

The Season

Georgia small grain farmers faced high temperatures and hot and dry low soil moisture conditions for the small grain forage and grain planting season in the fall of 2010. The unfavorable planting conditions continued unabated until mid-November when rain set in along with colder temperatures. With the hindrance of wet fields, land preparation and planting of small grains were delayed in some areas. Georgia wheat producers seeded 250,000 acres of wheat during the 2010-2011 crop year, a 47% increase over the previous year. Rye producers seeded 190,000 acres, matching 2010 planting, while oat acreage increased 30% to total 65,000 acres.

Rainfall amounts recorded monthly at the five test locations in Georgia and at Marianna, Fla. during the 2010-2011 growing season are presented in the following table. At all locations across the state, rainfall amounts were below normal for the nine-month reporting period. Rainfall across the Coastal Plain area of the state averaged 41% less (down 12.1 inches) for the growing season. In the Limestone Valley area around Rome a rain deficit of 8% was much less than the state deficit due to a wet March and April. Record cold temperatures lingered for much of the growing season across the state of Georgia.

2010-2011 Rainfall[1]

Month	Year	Calhoun[2]	Griffin	Midville	Plains	Tifton	Marianna, FL[3]
		inches					
October	2010	2.34	1.86	0.62	0.97	0.35	0.22
November	2010	4.54	4.60	1.57	2.34	3.53	5.81
December	2010	1.83	1.24	1.31	0.67	1.26	0.62
January	2011	4.40	2.84	3.12	3.70	3.33	4.33
February	2011	3.46	5.05	6.89	4.32	3.29	4.04
March	2011	10.31	6.36	3.91	3.63	2.71	5.00
April	2011	6.91	2.21	1.41	2.01	1.60	0.92
May	2011	1.52	0.84	2.33	0.03	0.01	0.78
June	2011	3.66	3.48	3.43	4.15	3.76	1.24
Total (9 months)		38.97	28.48	24.59	21.82	19.84	22.96
Normal (9 months)		42.30	37.65	31.80	36.22	34.80	38.70

1. Data for Georgia sites collected by Dr. Ian Flitcroft, Griffin Campus, Griffin, Ga.
2. Floyd County location.
3. University of Florida North Florida Research and Education Center location.

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Georgia farmers seeded more small grain during 2010-2011 than the previous year due mainly to more favorable sowing conditions. Wheat and oat acres planted increased by 80,000 and 15,000, respectively. Later planting of wheat was hampered in some areas due to wet and cold conditions. The weather remained cold throughout the small grain growing season. A drier spring helped abate small grain diseases, which required less treatment and increased yields of high quality grain.

A total of 180,000 acres of wheat grain were harvested this year (55,000 acres or 44% more than in 2010) and produced 9.9 million bushels. Wheat yield for the 2011 Georgia crop was 55 bushels per acre yield, up 38% from last year's acre yield (one bushel less than the record 2008 crop). Harvested acres of oats increased during 2011. Thirty thousand acres of rye were harvested for grain, 25% less than last year. Rye production in Georgia is primarily for forage and/or a cover crop.

SMALL GRAIN CULTURAL PRACTICES

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Fertilization

Soil samples should be taken from all fields to be planted in small grains, whether for grain or grazing. Soil testing prior to planting aids in determining the amount and type of fertilizer needed to produce a small grain crop. This practice may prevent excessive expenditures where the soil fertility level is very high, and it ensures that the nutritional needs of the crop are met.

Lime should be applied to maintain the soil pH at a target pH of 6.0. If the small grains are to be grazed or if magnesium (Mg) levels are low, dolomitic lime (high Mg) should be used. Adequate amounts of lime should be applied to the previous crop to ensure that the soil pH is in the desired range prior to planting small grains. If soils tests indicate the need for lime, it should be applied as soon as possible in order to allow adequate time for the soil pH change to occur (usually two to three months or more, depending on the fineness of grind).

The table below shows the recommended rates of fertilizer N-P_20_5-K_20 to apply to small grains, based on soil test levels:

Soil Test Rating for Potassium (K_2O)

	Low	Medium	High	Very High
Low	*-80-80	*-80-40	*-80-0	*-80-0
Medium	*-40-80	*-40-40	*-40-0	*-40-0
High	*-0-80	*-0-40	*-0-0	*-0-0
Very High	*-0-80	*-0-40	*-0-0	*-0-0

*For a small grain following a legume, apply 60-80 lb N/acre; for a small grain following cotton, corn, etc., apply 80-100 lb N/acre; for a small grain following grain sorghum, apply 100-120 lb N/acre. Apply 20-40 lb of recommended N/acre in the fall and the remainder in February. For grazing, increase the total N fertilizer rate by 60 lb N/acre and apply in two applications — one-half in the fall and the remainder in mid-winter.

Planting

Small grain seed should be planted in a well-prepared, firm, moist seedbed. Moldboard plowing or chisel plowing is recommended in preference to disc harrowing. The seed should be planted 1 to 1.5 inches deep. The proper planting date for small grains is important for both grain and forage production. Some factors to consider in determining the date for planting small grains include variety, geographic location, weather patterns, soil moisture and intended use of the crop. If irrigation is available, the planting date can be more flexible. The following table shows recommended planting dates in Georgia:

Recommended Planting Dates

	Coastal Plain		Piedmont		Limestone Valley	
Crop	Grain	Grazing	Grain	Grazing	Grain	Grazing
Wheat	11/07*- 12/01	10/15	10/25 - 11/15	10/01	10/10 - 11/01	9/15
Oat	11/07 - 12/01	10/01	10/07 - 10/30	9/15	9/25 - 10/15	9/01
Barley	11/07 - 12/01	10/15	10/25 - 11/15	10/01	10/01 - 11/01	9/01
Triticale	11/15 - 12/15	-	- -	-	- -	-
Rye	11/07 - 12/01	10/15	10/07 - 11/15	10/01	10/01 - 10/20	9/01

*November 7 in the Upper Coastal Plain and November 15 in the Lower Coastal Plain.

Pest Control

Check with your county Extension agent for the latest information on weed, disease and insect control in small grains, or refer to the most current edition of the *Georgia Pest Management Handbook*.

Varieties

Select high-yielding, insect- and disease-resistant varieties for best results. Give careful consideration to the statistics (LSD) reported in the tables below. An explanation of their proper use is given in the preface to this report. The variety listed at the top of the list may be only one of the best.

For late planting, the early-maturing varieties usually perform the best. Varieties recommended for the 2011 planting season are presented in the following tables.

Recommended Grain Varieties for 2011

Barley	Nomini (S)	Price (S)	Thoroughbred (S)
Oat	Horizon 201 (S) Horizon 270 (S)	*Plot Spike LA9339 (S) *RAM LA99016 (C)	TAMO 406 (C)
Wheat	AGS 2026 (S) *AGS 2031 (S)[4] AGS 2035 (S) AGS 2060 (S)[3] *Coker 9553 (P,M)[2,4] Dyna-Gro Baldwin (S)	Fleming (C)[3] Jamestown (S) Magnolia (P,M) Oglethorpe (S) Pioneer 26R61 (S) Progeny 166 (P,M)[4]	SS 8308 (P,M) SS 8641 (S) TV8558 (S) *USG 3120 (S) *USG 3295 (S)[4]
Triticale	Trical 342 (C,P)		

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
2. Consider using a fungicide; highly susceptible to powdery mildew, leaf rust, stripe rust or crown rust.
3. Plant only at end of recommended planting period or later.
4. Susceptible to some Hessian fly; consider using an insecticide.

* To be dropped from list in 2012.

Recommended Forage Varieties for 2011

Oat	Horizon 201 (S) Plot Spike LA 9339 (C)	RAM LA99016 (S)	*SS76-40 (S)
Wheat	Coker 9553 (S) Pioneer 26R61 (S)	Roberts (P,M) SS8641 (S)	USG 3592 (S)
Triticale	Trical 2700 (C,P)	Trical 342 (C,P) silage only	

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
* To be dropped from list in 2012.

To ensure good germination, the absence of noxious weeds and varietal purity **plant certified, treated seed**. General seeding rate recommendations based on bushels per acre are provided in Table 1. Seed size varies greatly from year to year and among varieties and seed lots. Therefore, more accurate plant populations may be achieved by using seeding rates based on seeds per area rather than on bushels per acre. For example, research on wheat has shown that seeding rates of 30-35 seeds per square foot are best for top yields. Accurate target populations are best achieved by adjusting grain drill settings based on the number of seed per foot of row. Grain drill calibrations can be accomplished quickly and accurately by counting seed collected from one or more rows during travel over a specified distance and calculating the drill output as seeds per foot of row. Table 2 is provided as a guide to establish target populations of the small grain crops for popular row spacings. The figures in Table 2 are broadly based on the average number of seeds per pound for the various crops but even more accurate calibrations can be accomplished if the actual number of seeds per pound is known for the seed lot being planted. At least one seed supplier in the Southeast now prints seed size information on the bag. If seed size is known, Table 3 may more accurately predict seed requirements.

Table 1. Recommended Seeding Rates for 2011

Crop	Weight	Grain	Grazing
	lb/bu	-------- bu/acre --------	
Wheat	60	1.75-2.5	2.0-2.5
Oat	32	2.0	4.0
Barley	48	2.0-2.5	-----
Rye	56	1.0-1.5	2.0-2.5
Triticale	48	1.5-2.0	2.0-2.5

Table 2. Example of seeding rates of different small grains.

Crop	Seeding Rate			Row Width (inches)			
				6	7	8	10
	seeds/sq.ft.	lb/A[1]	bu/A[1]	-------- seed per foot of row --------			
Barley	19	72	1.5	10	11	13	16
	25	96	2.0	13	15	17	21
	32	120	2.5	16	19	21	27
Oat	19	64	2.0	10	11	13	16
	24	80	2.5	12	14	16	20
	28	96	3.0	14	16	19	23
	38	128	4.0	19	22	25	32
Wheat	27	90	1.5	14	16	18	23
	37	120	2.0	18	22	25	31
	47	150	2.5	24	27	31	39
	55	180	3.0	28	32	37	46
Rye	31	56	1.0	16	18	21	26
	46	84	1.5	23	27	31	38
	62	112	2.0	31	36	41	52

1. Estimates based on average seeds per pound of 11,500 for barley, 12,875 for oat, 13,250 for wheat and 24,000 for rye.

Data compiled by J. L. Day, Griffin Campus, Griffin, Ga.

Table 3. Seeding rates for wheat based on seed size[1].

	Desired Population (seeds per square foot)						
	30	32	34	35	36	38	40
Seed Size	Seeding Rate						
seeds/lb	---------- lb/A ----------						
10,000	145	155	165	169	174	184	194
11,000	132	141	150	154	158	167	176
12,000	121	129	137	141	145	153	161
13,000	112	119	127	130	134	141	149
14,000	104	111	118	121	124	131	138
15,000	97	103	110	113	116	123	129
16,000	91	97	103	106	109	115	121
17,000	85	91	97	100	102	108	114
18,000	81	86	91	94	97	102	108

1. Seeding rate assumes 90% germination.

CHARACTERISTICS OF VARIETIES, 2011

Wheat

	Resistance											
Brand-Variety	Leaf Rust	Stripe Rust	Glume Blotch	Powdery Mildew	BYD[1]	SBWM[2]	Hessian Fly	Test Weight	Maturity	Straw Strength	Vernalization Requirement	Awned
AGS 2020	good	good	good	good	fair	good	fair	good	early	good	short	yes
AGS 2026	good	good	good	good	fair	good	good*	good	medium	fair	medium	no
AGS 2031	good	good	good	fair	fair	good	poor	good	medium	good	medium	no
AGS 2035	good	good	fair	fair	fair	good	good	good	medium	good	medium	yes
AGS 2060	good	good	fair	fair	fair	good	good	good	early	fair	short	yes
AGS 2485	good	poor	fair	good	fair	fair	poor	good	medium	good	medium	yes
Coker 9553	fair	good	fair	good	fair	fair	poor	good	medium	good	medium	
Crawford	good	good	fair	good	fair	good	fair	good	early	good	short	no
Dyna-Gro Baldwin	good	good	good	fair	fair	good	good	good	med.late	good	medium	yes
Fleming	good	fair	fair	good	poor	poor	poor	good	early	fair	short	yes
Jamestown	poor	good	fair	good	fair	good	fair	good	medium	good	medium	yes
Magnolia	poor	good	good	poor	good	good	fair	good	medium	good	medium	
McIntosh	good	good	fair	good	fair	good	poor	good	med. late	fair	med. long	no
Oglethorpe	good	good	good	fair	fair	good	good*	good	medium	fair	medium	no
Pioneer 26R24	poor	poor	fair	good	fair	good	poor	good	medium	good	medium	no
Pioneer 26R38	poor	poor	fair	good	fair	good	good	good	medium	good	short	yes
Pioneer 26R61	fair	good	fair	fair	fair	good	good	good	medium	good	medium	yes
Progeny 166	fair	good	fair	good	-	-	fair	fair	late	good	long	no
Roberts	poor	poor	good	good	fair	good	poor	good	late	fair	med. long	no
SS8308	fair	poor	good	fair	fair	good	good	good	medium	good	long	yes
SS8641	good	good	fair	good	fair	good	good	good	medium	good	medium	no
TV 8558	fair	fair	good	good	good	good	good	good	medium	good	med. long	yes
USG 3120	good	fair	fair	fair	good	fair	good	good	early	good	short	yes
USG 3209	fair	good	fair	good	fair	good	fair	fair	medium	good	medium	no
USG 3295	good	good	fair	good	fair	good	poor	good	medium	good	medium	no
USG 3592	good	poor	good	good	fair	good	fair	good	medium	fair	medium	no
Triticale												
Monarch	good	-	-	good	good	-	fair	fair	early	good	med. long	yes
Trical 342	good	-	-	good	good	-	fair	fair	early	good	short	yes
Trical 2700	good	-	-	good	-	-	good	poor	med. late	good	med. long	yes

1. Barley yellow dwarf virus.
2. Soil-borne wheat mosaic virus.

* Resistant to Bio-Type L.

Oat

	Resistance					
Brand-Variety	Crown Rust	BYD	Cold Hardiness	Maturity	Test Weight	Straw Strength
Horizon 201	good	fair	good	medium	fair	fair
Horizon 270	good	fair	good	medium	good	good
Horizon 321	fair	fair	good	medium	good	good
NC Rodgers	poor	poor	good	medium	fair	fair
NK-Coker 227	poor	poor	fair	medium	good	good
Plot Spike LA 9339	good	fair	good	medium	good	good
RAM LA99016	good	fair	good	medium	good	good
TAMO 406	good	fair	good	early	good	good

Barley

	Resistance						
Brand-Variety	Glume Blotch	Spot Blotch	Scald	Hessian Fly	Maturity	Test Weight	Head Type
Nomini	fair	good	good	fair	medium	fair	awned
Price	fair	good	good	fair	medium	fair	awned
Thoroughbred	good	good	good	fair	late	good	awned

SMALL GRAIN UPDATES

DISEASES

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Cold temperatures throughout the winter ensured excellent vernalization and tillering of the small grain crop in Georgia.

Powdery mildew was almost nonexistent this year at Griffin, Plains and Tifton.

As during the 2009-2010 season, stripe rust (*Puccinia striiformis)* was observed at Griffin where plots were artificially inoculated. Stripe rust was found at low levels at Plains. No widespread epidemics were observed in the state.

Barley Yellow Dwarf Virus was almost nonexistent across the state. State wheat trials at Tifton, Plains and Griffin had some of the lowest infection rates observed during the past several years. Slow emergence due to low rainfall and a cooler fall greatly reduced the fall aphid population, thus preventing the aphid vectoring of disease.

Stagonospora leaf and glume blotch were at moderate levels in the small grain plots in Tifton, but infections were too late in the growing season to become an issue. The disease was not observed at Griffin and Plains.

Leaf rust was observed very late in the season but did not pose a serious risk to the crop.

At Plains it was observed on a few susceptible varieties of wheat that the cold growing conditions led to some soil-borne wheat mosaic virus (SB) and wheat spindle streak mosaic virus (SS) infections.

Overall disease pressure was at some of the lowest levels seen in Georgia in years. The colder winter along with less rainfall than normal and drier growing conditions experienced in the spring had a profound effect on wheat diseases. Grain quality and yields were very good within the state due to this combination of factors.

INSECTS

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The variety tests were sampled for Hessian fly, *Mayetiola destructor*, in late April 2011 at the Southwest Branch Research and Education Center near Plains, the Bledsoe Research Farm near Griffin and at the Lang Farm near Tifton, Ga. Early-maturing lines were evaluated in a separate test at Tifton. Results are shown in the following tables.

Hessian fly infestations were low at all locations, making definitive ratings difficult. Several wheat varieties showed good levels of Hessian fly resistance, including AGS 2026, AGS 2035, AGS 2060, Jamestown, Pioneer 26R31, Pioneer 26R61, SS 8308 (fair), SS 8641, Oglethorpe and a number of experimental lines. Varieties with good resistance in southern Georgia may not be resistant in northern Georgia because of the presence of biotype L in northern Georgia. The only currently available varieties with biotype L resistance are AGS 2010, AGS 2026 and Oglethorpe. Rye and oats also are good Hessian fly-resistant alternatives to wheat for forage production, because rye is highly resistant and oats are immune to the insect.

Cold, wet conditions in the fall of 2010 prevented most planting of wheat. These conditions also delayed which fields were planted; consequently, damaging infestations of Hessian fly were largely avoided. Aphid infestations also generally were low throughout the state. Aphids caused direct injury to wheat and also transmitted Barley Yellow Dwarf Virus (BYDV). BYD infection was variable but also was at low levels throughout most of the state. Systemic insecticide seed treatments and properly timed foliar applications of insecticides can reduce aphid numbers and minimize BYD incidence. Cereal leaf beetle infestations also caused leaf defoliation in some fields, mostly in central and eastern Georgia. Consult your local county Extension agent and the most current edition of the *Georgia Pest Management Handbook* for a list of recommended insecticides and for management practices for these and other insect pests of small grains.

Hessian fly infestation* in wheat entries in the 2010-2011 Georgia Small Grain Performance Tests, Plains, Griffin and Tifton, Georgia

Entry name	Resistance Level§	Plains		Griffin		Tifton	
		% Infested	No./stem	% Infested	No./stem	% Infested	No./stem
AGS 2026	Good	0	0	0	0	0	0
AGS 2035	Good	0	0	0	0	0	0
AGS 2060	Good	5	0.05	0	0	0	0
AGS CL7	Poor	25	0.45	0	0	0	0
Arcadia	Good	10	0.10	0	0	5	0.05
Coker 9553	Poor	10	0.10	0	0	-	-
Coker 9700	Poor	0	0	0	0	0	0
Dyna-Gro 9053	Poor	20	0.30	5	0.05	-	-
Dyna-Gro 9171	Poor	15	0.15	20	0.20	-	
Dyna-Gro Baldwin	Good	0	0	0	0	0	0
Fleming	Fair	0	0	0	0	0	0
GA Gore	Fair	20	0.40	0	0	5	0.05
GA00067-8E35	Poor	15	0.20	0	0	0	0
GA001138-8E36	Fair	10	0.10	0	0	0	0
GA011373-10LEL36	ID	0	0	0	0	0	0
GA011446-9LE35	ID	0	0	0	0	0	0
GA021087-9LE33	ID	0	0	0	0	15	0.15
GA021245-9E16	ID	0	0	0	0	0	0
GA021338-9E15	Poor	40	0.90	0	0	5	0.05
GA021338-9EE11	Poor	20	0.25	0	0	0	0
GA021773-9EE21	ID	0	0	0	0	0	0
GA031086-10E26	ID	10	0.15	0	0	0	0
GA031134-10E29	ID	0	0	0	0	0	0
GA031215-10E42	Poor	15	0.20	0	0	0	0
GA031238-10LEL33	Poor	20	0.20	5	0.05	5	0.05
GA031238-7E34	Fair	0	0	0	0	5	0.05
GA031257-10E41	ID	10	0.20	0	0	0	0
GA031257-10LEL34	ID	10	0.10	10	0.10	0	0
GA03136-10EEL9	ID	5	0.05	0	0	-	-
GA031389-10EEL18	ID	10	0.25	5	0.05	-	-
GA03389-10E36	ID	0	0	0	0	0	0
GA03437-10E33	ID	5	0.05	0	0	0	0
GA03564-10E25	ID	10	0.20	0	0	0	0
GA03580-10EEL15	ID	0	0	0	0	-	-
GA041271-10LEL39	ID	0	0	10	0.10	0	0
GA04570-10E46	ID	0	0	0	0	0	0
Jamestown	Fair	0	0	0	0	0	0
LA01110D-150	Fair	10	0.20	0	0	0	0
LA02006E239	ID	5	0.05	5	0.05	0	0
Magnolia	Poor	10	0.10	0	0	-	-
NC05-19896	Poor	15	0.15	10	0.15	0	0
NF95134A	ID	10	0.10	0	0	0	0
NF96131	ID	5	0.10	0	0	0	0
Oglethorpe	Good	0	0	0	0	0	0
PGX-10-2	Poor	10	0.10	5	0.20	25	0.30
PGX-10-5	Poor	10	0.10	20	0.20	20	0.35
PGX-10-7	ID	5	0.05	5	0.05	0	0
Pioneer 26R31	Good	0	0	0	0	0	0
Pioneer 26R61	Good	0	0	10	0.35	0	0
Pioneer XW09H	Good	0	0	0	0	0	0

Hessian fly infestation* in wheat entries in the 2010-2011 Georgia Small Grain Performance Tests, Plains, Griffin and Tifton, Georgia (Continued)

Entry name	Resistance Level§	Plains		Griffin		Tifton	
		% Infested	No./stem	% Infested	No./stem	% Infested	No./stem
Progeny 117	Poor	15	0.35	0	0	25	0.35
Progeny 125	Poor	10	0.10	5	0.05	10	0.10
Progeny 166	Poor	5	0.05	0	0	5	0.10
Progeny 185	Poor	15	0.35	0	0	0	0
PST SW1	Poor	40	0.60	15	0.20	5	0.05
Roberts	Poor	35	0.50	5	0.05	-	-
SL 1003	Poor	5	0.05	0	0	0	0
SL 1004	ID	5	0.05	0	0	-	-
SL 1005	ID	0	0	5	0.10	-	-
SL 1006	Poor	5	0.15	0	0	0	0
SL 1007	Poor	25	0.25	0	0	10	0.10
SL 1008	Poor	20	0.20	15	0.15	0	0
SS 520	Poor	5	0.10	10	0.10	0	0
SS 8308	Fair	5	0.05	0	0	0	0
SS 8404	Poor	0	0	0	0	5	0.10
SS 8641	Good	15	0.15	0	0	0	0
Terral LA821	Poor	0	0	0	0	20	0.20
Terral LA841	Poor	30	0.80	0	0	0	0
TV8558	Good	5	0.05	0	0	0	0
TV8589	Fair	0	0	0	0	-	-
TV8861	ID	0	0	0	0	-	-
TVX8460	ID	10	0.15	0	0	5	0.05
TVX8525	Poor	20	0.35	5	0.05	10	0.20
TVX8535	ID	10	0.10	0	0	5	0.05
TVX8626	Poor	20	0.25	0	0	5	0.05
TVX8848	ID	5	0.05	0	0	-	-
USG 3209	Poor	10	0.15	10	0.15	0	0
USG 3251	Poor	60	0.95	20	0.30	10	0.15
USG 3409	Good	0	0	0	0	0	0
USG 3438	Poor	20	0.25	5	0.05	25	0.75
USG 3452	ID	0	0	15	0.20	0	0
USG 3555	Poor	10	0.20	0	0	25	0.60
USG 3592	Poor	15	0.35	5	0.05	0	0
USG 3665	Fair	0	0	0	0	0	0
USG 3770	Poor	25	0.65	30	0.40	10	0.20
VA05W-139	Poor	25	0.35	20	0.25	0	0
Triticale							
NC05-2651	ID	10	0.15	5	0.05	0	0
NCPT01-1433	Good	0	0	0	0	0	0
Trical 342	Fair	0	0	0	0	0	0
Trical 2700	Good	5	0.05	0	0	-	-

* Results from single non-replicated block with 20 stems per sample.
§ Level based on results from current and previ0us year trials. ID = insufficient data to make a definitive determination of resistance level.

Hessian fly ratings of entries in the late-planted (early maturing lines) wheat trial, Tifton, Georgia, 2010-2011

Entry name	Resistance Level	Tifton	
		% Infested	No./stem
AGS 2060	Good	0	0
Arcadia	Good	0	0
Coker 9700	Poor	5	0.05
Fleming	Fair	0	0
GA0311238-7E34	Fair	5	0.05
GA03136-10EEL9	ID	0	0
GA031389-10EEL18	ID	20	0.90
GA03580-10EEL15	ID	0	0
Jamestown	Fair	0	0
NF95134A	ID	0	0
NF96131	ID	5	0.10
Progeny 117	Poor	5	0.05
SL 1003	Poor	25	0.45
SL 1006	Poor	25	0.30
SS 520	Poor	10	0.20
USG 3209	Poor	10	0.15
USG 3409	Good	0	0
USG 3452	ID	5	0.25
USG 3555	Poor	10	0.10
USG 3665	Fair	5	0.55
USG 3770	Poor	15	0.35
VA05W-139	Poor	0	0

* Results from single non-replicated block of 20 stems per plot.
§ Level based on results from current and previ0us year trials. ID = insufficient data to make a definitive determination of resistance level.

Wheat

Tifton, Georgia:
Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
GA031238-7E34	**82.0**	**85.6**	3	**93.9**	55.9	35	0	03/26	100
AGS 2026	**81.4**	**82.5**	7	92.0	59.8	37	5	03/26	100
GA001138-8E36	**78.8**	76.1	34	81.7	60.8	44	0	04/01	100
AGS 2035	**78.0**	77.3	16	87.2	59.5	42	0	03/26	100
SS8641	76.8	75.6	23	84.3	57.9	39	5	03/28	100
Oglethorpe	76.0	76.7	8	90.8	59.8	38	4	03/27	100
TV8558	75.4	78.7	26	83.4	59.0	39	0	03/31	95
Pioneer 26R31	75.2	73.6	48[T]	77.4	58.8	35	0	03/27	100
Dyna-Gro Baldwin	74.4	69.0	54	75.5	58.9	44	0	03/31	95
GA00067-8E35	73.3	73.1	17	87.1	60.1	39	3	03/28	100
Pioneer 26R61	69.5	70.4	44	78.2	60.1	42	0	03/28	100
Progeny 185	69.0	71.1	33	81.9	59.1	40	2	03/26	95
LA01110D-150	68.8	73.3	21	85.7	60.1	40	3	03/27	100
SS8308	68.1	77.5	9	90.4	61.8	40	5	04/01	100
SS8404	65.9	66.5	46	77.9	61.8	34	0	03/27	95
Progeny 166	63.8	66.7	61	66.5	57.8	43	0	03/31	100
LA841	56.4	58.4	58	71.9	58.8	37	0	03/27	100
Progeny 125	.	**83.2**	4	**93.6**	60.1	38	0	03/25	100
Coker 9700	.	**83.1**	15	87.7	61.5	36	5	03/26	95
USG 3209	.	79.3	2	**95.2**	58.7	34	7	03/24	95
USG 3665	.	78.8	18	86.5	58.0	41	0	04/02	95
USG 3555	.	78.5	6	92.3	58.3	33	0	03/27	100
LA821	.	78.3	19	85.9	59.1	39	1	03/26	100
USG 3770	.	77.4	28[T]	83.0	60.6	37	0	04/02	100
USG 3592	.	76.7	30	82.7	60.8	41	1	03/28	100
AGS CL7	.	75.4	11[T]	89.4	61.2	38	0	03/27	100
GA021245-9E16	.	75.3	32	82.4	61.0	42	1	03/29	100
SS520	.	74.8	35	81.3	58.6	38	3	03/27	100
Arcadia	.	74.7	40	79.5	60.7	38	0	03/26	100
USG 3452	.	74.1	39	80.0	58.7	43	1	03/28	100
SL1003	.	73.9	59	71.2	58.8	41	17	03/27	100
GA021338-9E15	.	73.7	43[T]	78.8	57.7	41	0	04/01	100
Jamestown	.	73.4	28[T]	83.0	62.5	36	0	03/26	100
GA011446-9LE35	.	72.9	52	76.2	58.0	40	13	03/26	100
Progeny 117	.	70.5	42	78.9	58.9	42	11	03/26	100
NC05-19896	.	70.1	28[T]	83.0	60.6	36	3	04/02	95
USG 3251	.	70.1	45	78.0	58.4	38	0	04/03	100
GA021087-9LE33	.	68.9	55	74.8	60.9	40	3	03/28	100
USG 3438	.	65.7	49	76.6	58.6	36	0	04/01	100
Fleming	.	63.2	41	79.4	61.1	36	0	03/24	95

Tifton, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
AGS 2060	.	62.0	51	76.3	62.0	41	1	03/26	95
GA03564-10E25	.	.	1	**101.7**	57.7	41	3	04/01	100
GA031257-10E41	.	.	5	92.4	62.1	37	0	03/27	100
GA04570-10E46	.	.	10	89.6	60.9	41	9	03/29	95
GA031257-10LEL34	.	.	11[T]	89.4	61.7	36	1	03/28	100
GA031134-10E29	.	.	12	88.5	58.0	37	18	03/27	100
USG 3409	.	.	13	88.2	58.4	39	0	04/01	100
TVX8525	.	.	14	87.8	59.7	37	0	03/31	95
GA031215-10E42	.	.	20	85.8	59.8	39	6	03/31	95
GA03389-10E36	.	.	22	85.1	61.2	39	1	03/27	100
GA031238-10LEL33	.	.	24	84.2	58.9	35	1	03/30	100
PGX 10-5	.	.	25[T]	84.1	59.1	37	0	04/01	100
GA03437-10E33	.	.	25[T]	84.1	58.6	41	0	04/01	100
GA011373-10LEL36	.	.	27	83.3	59.6	37	0	03/26	100
TVX8535	.	.	28[T]	83.0	58.8	36	0	04/03	90
LA02006E239	.	.	29	82.9	61.7	41	1	03/31	95
GA041271-10LEL39	.	.	31	82.5	58.3	38	0	03/26	100
GA021338-9EE11	.	.	36	81.2	56.4	41	0	03/31	100
GA031086-10E26	.	.	37	81.0	58.0	36	10	03/26	100
PGX 10-7	.	.	38	80.6	56.0	38	0	04/03	100
VA05W-139	.	.	43[T]	78.8	57.9	36	0	04/01	100
GA021773-9EE21	.	.	47	77.8	58.4	38	9	03/26	100
Pioneer XW09H	.	.	48[T]	77.4	57.4	38	0	04/02	95
TVX8626	.	.	50	76.5	55.3	37	1	04/05	100
PGX 10-2	.	.	53	75.7	59.6	42	4	04/05	95
SL1006	.	.	56	74.4	60.8	42	10	03/31	100
GA-Gore	.	.	57	72.3	58.2	40	13	03/28	95
SL1007	.	.	60	70.7	59.2	41	2	04/04	100
TVX8460	.	.	62	65.5	56.7	42	1	04/06	70
NF95134A	.	.	63	61.1	60.2	41	50	03/25	95
NF96131	.	.	64	54.3	60.4	45	48	03/31	100
PST SW1	.	.	65	51.3	39.6	42	0	04/19	90
SL1008	.	.	66	31.2	55.8	39	0	04/01	38
Average	72.5	73.8		80.6 [2]	59.0	39	4	03/29	97
LSD at 10% Level	4.6	5.7		8.2	4.5	2	9	01	7
Std. Err. of Entry Mean	2.0	2.4		3.5	2.0	1	4	01	3

Tifton, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 8.7%, and df for EMS = 216.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	November 18, 2010.
Harvested:	May 17, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 5.7.
Fertilization:	Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.
	Topdress: 60 lb N/acre on Jan. 28, 2011 and 60 lb N/acres on Feb. 9, 2011.
Management:	Chisel plowed, disked and rototilled; Osprey used for weed control.
Previous Crop:	Corn.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia:
Late-Planted Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Jamestown	**51.2**	**44.4**	12	57.2	59.8	33	0	04/02	100
Fleming	**45.5**	**35.3**	21	49.2	56.9	35	0	04/03	90
AGS 2060	**45.0**	**41.3**	13	54.7	56.8	37	0	04/04	100
USG 3209	**42.9**	**45.0**	3	**65.7**	56.8	32	0	04/06	100
Coker 9700	**41.2**	**43.7**	6	**62.2**	59.9	35	0	04/03	100
SS520	**39.4**	**37.4**	15	53.1	55.9	34	0	04/04	85
Progeny 117	**37.4**	**39.0**	10	60.6	57.0	39	0	04/10	100
Arcadia	.	**43.4**	16	52.9	59.2	34	0	04/06	90
USG 3665	.	**41.5**	8	**61.7**	53.1	38	0	04/10	100
USG 3770	.	**40.2**	14	54.1	53.8	34	0	04/14	100
USG 3555	.	**40.0**	5	**63.7**	55.1	31	0	04/07	100
USG 3452	.	**35.7**	20	49.8	53.5	38	0	04/11	95
GA03136-10EEL9	.	.	1	**67.1**	56.4	34	0	04/04	95
GA03580-10EE315	.	.	2	**66.9**	59.9	35	0	04/07	100
USG 3409	.	.	4	**63.9**	56.2	36	0	04/10	100
GA031238-7E34	.	.	7	**62.1**	53.4	30	0	04/07	100
SL1006	.	.	9	**61.2**	58.1	37	0	04/10	100
GA031389-10EEL18	.	.	11	59.2	56.4	32	0	04/05	100
SL1003	.	.	17	52.6	55.3	39	0	04/09	90
VA05W-139	.	.	18	50.6	53.3	33	0	04/11	95
NF96131	.	.	19	50.4	59.6	42	0	04/08	100
NF95134A	.	.	22	42.4	57.9	39	0	04/07	100
Average	43.2	40.6		57.3 [2]	56.5	35	0	04/07	97
LSD at 10% Level	N.S.[3]	N.S.		6.1	1.4	2	-	01	7
Std. Err. of Entry Mean	1.5	1.7		2.6	0.6	1	-	01	3

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.0%, and df for EMS = 263
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 14, 2010.

Harvested: May 18, 2011.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 5.7.

Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.

Topdress: 60 lb N/acre on Jan. 28, 2011 and 60 lb N/acres on Feb. 9, 2011.

Management: Chisel plowed, disked and rototilled; Osprey used for weed control.

Previous Crop: Corn.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
AGS 2026	**77.6**	**83.8**	1	**91.5**	60.6	36	0	03/26	100
GA031238-7E34	**77.0**	76.1	13	**86.4**	57.2	34	0	03/31	100
AGS 2035	**76.0**	77.5	8	**88.6**	61.4	40	0	03/28	100
Oglethorpe	**75.9**	**82.7**	4	**90.0**	60.0	36	0	03/27	100
SS8641	**75.0**	75.7	32[T]	82.5	60.0	37	0	04/01	100
GA001138-8E36	**73.7**	72.4	26	83.5	60.6	45	0	04/06	95
Dyna-Gro Baldwin	**73.3**	74.4	36	81.2	60.7	45	0	04/07	100
SS8308	**71.4**	78.8	3	**90.2**	62.5	40	0	04/04	100
GA00067-8E35	**71.0**	73.3	31	82.6	61.2	39	0	04/01	100
LA01110D-150	70.4	72.7	47[T]	78.1	60.4	38	0	04/01	100
Pioneer 26R61	68.2	70.2	43[T]	79.8	61.9	39	0	04/02	95
SS8404	**67.8**	73.5	18	84.8	63.0	34	0	04/02	100
Pioneer 26R31	**65.7**	75.5	16	85.0	59.7	32	0	03/31	100
LA841	65.3	67.7	46	79.0	59.7	35	0	04/01	100
Progeny 185	**64.4**	74.2	30[T]	82.7	59.4	39	0	04/04	95
TV8558	**63.1**	74.5	35[T]	81.9	58.9	38	0	04/03	100
Progeny 166	62.1	70.8	48	77.9	58.8	43	0	04/05	100
USG 3438	.	82.2	7	**88.8**	60.1	36	0	04/02	100
Progeny 125	.	**80.5**	9	**88.1**	60.5	36	0	03/26	100
Coker 9700	.	**79.8**	5	**89.6**	62.2	36	0	03/26	100
USG 3770	.	79.4	11	**87.5**	62.4	36	0	04/06	100
SS520	.	76.6	30[T]	82.7	58.8	39	0	03/30	100
LA821	.	76.3	20[T]	84.4	58.7	39	0	03/28	100
USG 3592	.	75.9	25	83.7	61.8	40	0	04/03	100
Jamestown	.	75.7	17	84.9	62.7	34	0	03/29	100
GA011446-9LE35	.	75.7	43[T]	79.8	57.8	36	0	03/31	95
USG 3665	.	75.2	37[T]	81.0	58.0	41	0	04/06	100
USG 3452	.	74.9	37[T]	81.0	59.6	43	0	04/02	100
AGS CL7	.	74.5	14	86.3	61.4	37	0	04/01	100
USG 3251	.	74.1	28[T]	82.9	58.9	39	0	04/09	95
Progeny 117	.	74.1	35[T]	81.9	60.5	40	0	04/02	100
NC05-19896	.	73.6	41[T]	80.1	62.3	36	0	04/04	100
Arcadia	.	73.4	39	80.5	60.6	36	0	03/27	100
USG 3209	.	73.3	15	85.1	59.3	35	0	03/31	95
USG 3555	.	72.9	37[T]	81.0	59.0	33	0	04/03	100
GA021087-9LE33	.	72.5	42	80.0	61.9	38	0	03/30	100
Fleming	.	71.1	49	77.3	61.7	37	0	03/24	100
GA021245-9E16	.	68.6	50[T]	76.8	62.3	39	0	04/03	100
GA021338-9E15	.	68.5	50[T]	76.8	60.8	40	0	04/04	100
AGS 2060	.	68.1	53	71.9	62.9	40	5	03/31	95

Plains, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

	Yield[1]		2011 Data						
Brand-Variety	Average	Average	Rank	Yield[1]	Wt	Ht	Lodg.	Date	Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
GA03564-10E25	.	.	2	**90.3**	60.0	40	0	04/06	100
GA031257-10E41	.	.	6	**89.5**	62.2	35	0	03/28	100
GA031086-10E26	.	.	10	**87.6**	59.3	34	0	03/30	100
Pioneer XW09H	.	.	12	**87.4**	60.5	37	0	04/08	100
PGX 10-5	.	.	19	84.6	59.5	35	0	04/06	95
GA04570-10E46	.	.	20[T]	84.4	61.9	39	0	04/02	100
SL1003	.	.	21[T]	84.2	60.2	40	0	03/30	100
TVX8525	.	.	21[T]	84.2	60.8	36	0	04/03	100
GA031257-10LEL34	.	.	22[T]	84.1	62.7	34	0	03/30	100
GA031238-10LEL33	.	.	22[T]	84.1	59.8	35	0	04/01	100
VA05W-139	.	.	23	84.0	59.0	36	0	04/05	100
SL1006	.	.	24	83.9	62.2	40	0	04/03	95
GA041271-10LEL39	.	.	27	83.1	59.8	40	0	04/05	100
TVX8626	.	.	28[T]	82.9	56.7	38	0	04/09	95
GA011373-10LEL36	.	.	29	82.8	60.2	34	0	03/28	100
PGX 10-7	.	.	30[T]	82.7	57.3	37	0	04/09	100
TVX8535	.	.	32[T]	82.5	60.3	36	0	04/05	100
LA02006E239	.	.	32[T]	82.5	62.2	42	0	04/02	100
GA031134-10E29	.	.	33	82.4	58.9	35	0	03/31	100
USG 3409	.	.	34	82.0	59.1	40	0	04/05	100
SL1007	.	.	38	80.8	60.3	41	0	04/10	95
GA031215-10E42	.	.	40	80.3	61.3	38	0	04/01	100
GA021773-9EE21	.	.	41[T]	80.1	59.9	36	0	03/30	100
GA03389-10E36	.	.	44	79.7	62.6	36	1	03/27	100
GA03437-10E33	.	.	45	79.2	59.6	43	0	04/06	100
PGX 10-2	.	.	47[T]	78.1	60.9	40	0	04/09	95
GA021338-9EE11	.	.	51	76.3	60.3	40	0	04/03	100
GA-Gore	.	.	52	73.6	58.4	40	0	04/03	100
TVX8460	.	.	54	71.6	57.8	43	0	04/10	50
SL1008	.	.	55	70.2	58.7	42	0	04/05	60
NF95134A	.	.	56	67.7	62.1	43	8	03/28	100
NF96131	.	.	57	64.5	62.1	45	3	04/04	100
PST SW1	.	.	58	52.0	50.7	39	0	04/19	100
Average	70.5	74.8		81.6 [2]	60.2	38	0	04/02	98
LSD at 10% Level	N.S.[3]	4.0		5.1	0.8	2	1	01	5
Std. Err. of Entry Mean	1.4	1.7		2.2	0.4	1	1	01	2

Plains, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 5.4%, and df for EMS = 216.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	November 19, 2010.
Harvested:	May 23, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.2.
Fertilization:	Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
	Topdress: 80 lb N/acre
Management:	Subsoiled, disked and rototilled.
Previous Crop:	Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2010-2011

	Yield[1]		2011 Data						
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
AGS 2035	**81.4**	78.1	31	86.2	61.5	40	0	03/27	95
AGS 2026	**80.1**	**84.5**	1	**96.9**	60.8	36	0	03/26	100
Dyna-Gro Baldwin	**79.4**	75.7	44[T]	83.4	60.3	43	0	04/06	95
USG 3592	**78.1**	**81.5**	5	**93.0**	61.8	39	0	04/02	100
SS8641	**77.5**	76.3	25[T]	87.5	60.3	38	0	04/01	100
Oglethorpe	**77.3**	**81.3**	13	90.6	61.1	36	0	03/26	100
GA00067-8E35	**76.4**	78.2	10	**91.5**	61.5	38	0	04/03	85
GA001138-8E36	**76.1**	70.0	49[T]	81.3	61.0	43	0	04/06	100
SS8308	**75.6**	79.4	7[T]	**92.5**	62.8	38	0	04/05	100
SS8404	**74.6**	77.1	14	90.3	63.0	33	0	04/04	100
TV8558	**74.5**	78.5	21	88.8	59.7	39	0	04/05	95
Progeny 185	**71.8**	72.9	47	82.6	59.7	38	0	04/04	95
Pioneer 26R61	**71.5**	71.1	45[T]	83.2	61.1	40	0	04/03	100
LA841	**71.2**	67.4	57	77.4	60.1	38	0	03/30	100
Pioneer 26R31	**71.0**	73.8	43	83.8	60.1	31	0	04/01	95
Progeny 166	**70.6**	70.9	49[T]	81.3	59.4	42	0	04/06	100
Progeny 125	.	**84.5**	7[T]	**92.5**	60.6	36	0	03/28	100
Coker 9700	.	**80.5**	30	86.4	62.4	36	0	04/03	100
USG 3251	.	80.4	8	**92.4**	59.7	39	0	04/07	95
LA821	.	79.9	20	88.9	59.4	39	0	04/03	100
USG 3438	.	79.8	41	84.1	60.0	35	0	04/06	100
USG 3770	.	79.0	9	**91.7**	62.0	36	0	04/06	95
AGS CL7	.	78.6	15	90.2	61.4	37	0	03/29	100
USG 3452	.	78.2	24	87.7	59.8	43	0	04/02	90
GA011446-9LE35	.	78.0	36[T]	85.1	59.1	38	0	04/02	100
Jamestown	.	77.7	23	87.8	63.2	36	0	03/27	100
SS520	.	76.6	44[T]	83.4	59.1	39	0	03/26	100
USG 3665	.	76.4	45[T]	83.2	58.9	39	0	04/07	100
USG 3555	.	76.2	42	84.0	59.4	33	1	04/02	100
NC05-19896	.	75.4	28[T]	86.7	62.2	36	0	04/05	100
GA021338-9E15	.	75.3	46	83.0	60.8	40	0	04/05	95
Arcadia	.	75.2	37	84.8	61.5	39	0	03/30	100
Progeny 117	.	75.0	33	85.7	60.5	39	1	04/01	80
USG 3209	.	74.5	29	86.5	60.2	34	0	03/31	95
GA021087-9LE33	.	74.0	48[T]	82.4	61.5	39	0	03/31	100
AGS 2060	.	72.4	53	78.6	63.4	40	0	04/01	100
GA021245-9E16	.	70.9	55	78.0	62.0	40	0	04/02	100
Fleming	.	69.9	56	77.6	62.1	37	0	03/24	95
GA031134-10E29	.	.	2	**96.4**	60.0	36	0	03/30	100
PGX 10-5	.	.	3	**95.7**	60.3	35	0	04/05	95

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2010-2011
(Continued)

	Yield[1]		2011 Data						
Brand-Variety	Average	Average	Rank	Yield[1]	Wt	Ht	Lodg.	Date	Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
GA03564-10E25	.	.	4	**93.2**	59.7	39	0	04/07	95
GA031257-10LEL34	.	.	6	**92.9**	62.7	35	0	03/28	100
GA04570-10E46	.	.	11	**91.4**	61.7	39	0	04/03	85
TVX8535	.	.	12	90.9	60.0	35	0	04/05	100
USG 3409	.	.	16	90.0	60.3	39	0	04/04	100
GA031086-10E26	.	.	17[T]	89.8	59.9	34	0	04/02	95
GA041271-10LEL39	.	.	17[T]	89.8	60.0	39	0	04/06	90
Pioneer XW09H	.	.	18	89.4	60.5	37	0	04/07	80
GA021338-9EE11	.	.	19	89.1	61.1	41	0	04/05	85
TVX8626	.	.	22	88.2	57.8	36	0	04/09	85
GA031257-10E41	.	.	25[T]	87.5	62.2	36	0	03/28	100
SL1007	.	.	25[T]	87.5	61.1	41	0	04/09	90
TVX8525	.	.	26	87.4	60.5	35	0	04/05	95
PGX 10-7	.	.	27	87.0	57.2	36	0	04/08	95
SL1003	.	.	28[T]	86.7	60.4	39	0	04/01	100
GA031215-10E42	.	.	32	85.9	61.7	37	0	03/31	95
GA03389-10E36	.	.	34	85.5	62.4	36	0	03/28	95
GA031238-10LEL33	.	.	35	85.4	60.8	34	0	04/01	95
GA021773-9EE21	.	.	36[T]	85.1	61.0	37	0	04/01	100
PGX 10-2	.	.	38	84.7	61.5	40	0	04/09	100
SL1006	.	.	39	84.5	62.2	40	0	04/04	95
GA011373-10LEL36	.	.	40	84.3	60.4	34	0	04/01	100
GA03437-10E33	.	.	48[T]	82.4	59.8	43	0	04/06	95
LA01110D-150	.	.	49[T]	81.3	60.7	39	0	04/01	95
VA05W-139	.	.	50	81.0	59.4	36	0	04/04	90
LA02006E239	.	.	51	80.2	62.4	40	0	04/05	95
SL1008	.	.	52	79.8	59.3	42	0	04/06	60
GA-Gore	.	.	54	78.4	59.2	39	0	04/02	100
NF95134A	.	.	58	73.3	62.0	42	12	03/30	85
TVX8460	.	.	59	69.1	58.1	41	0	04/09	40
NF96131	.	.	60	65.5	62.3	43	13	04/04	100
PST SW1	.	.	61	55.4	50.5	39	0	04/19	100
Average	75.4	76.4		85.3 [2]	60.6	38	1	04/02	95
LSD at 10% Level	N.S.[3]	4.0		5.7	0.7	1	2	01	13
Std. Err. of Entry Mean	1.6	1.7		2.4	0.3	1	1	01	5

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2010-2011
(Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 5.7%, and df for EMS = 213.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	November 19, 2010.
Harvested:	May 23, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.2.
Fertilization:	Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre. Topdress: 80 lb N/acre.
Management:	Subsoiled, disked and rototilled. For fungal control 8 oz/acre Quilt applied April 7, 2011; due to wet fields only one application of fungicide could be applied.
Previous Crop:	Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2010-2011

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with fungicide	Change with fungicide	Leaf Rust
	--------- bu/acre ---------		bu/acre	%	rating[3]
AGS 2026	**91.5**	**96.9**	5.4	5.9	0
GA03564-10E25	**90.3**	**93.2**	2.9	3.2	0
SS8308	**90.2**	**92.5**	2.3	2.6	4
Oglethorpe	**90.0**	90.6	0.6	0.6	0
Coker 9700	**89.6**	86.4	-3.3	-3.6	.
GA031257-10E41	**89.5**	87.5	-2.0	-2.3	0
USG 3438	**88.8**	84.1	-4.7	-5.3	5
AGS 2035	**88.6**	86.2	-2.3	-2.7	0
Progeny 125	**88.1**	**92.5**	4.4	5.0	7
GA031086-10E26	**87.6**	89.8	2.2	2.5	0
USG 3770	**87.5**	**91.7**	4.2	4.8	2
Pioneer XW09H	**87.4**	89.4	2.0	2.3	4
AGS CL7	86.3	90.2	3.9	4.5	8
USG 3209	85.1	86.5	1.4	1.6	8
Pioneer 26R31	85.0	83.8	-1.2	-1.4	.
Jamestown	84.9	87.8	2.9	3.4	1
SS8404	84.8	90.3	5.5	6.5	7
PGX 10-5	84.6	**95.7**	**11.1**	**13.1**	4
GA04570-10E46	84.4	**91.4**	**7.0**	**8.2**	0
LA821	84.4	88.9	4.5	5.3	0
SL1003	84.2	86.7	2.6	3.1	.
TVX8525	84.2	87.4	3.2	3.8	5
GA031257-10LEL34	84.1	**92.9**	**8.8**	**10.4**	0
GA031238-10LEL33	84.1	85.4	1.3	1.5	0
VA05W-139	84.0	81.0	-2.9	-3.5	0
SL1006	83.9	84.5	0.6	0.7	.
USG 3592	83.7	**93.0**	**9.3**	**11.1**	.
GA001138-8E36	83.5	81.3	-2.3	-2.7	0
GA041271-10LEL39	83.1	89.8	**6.7**	**8.0**	0
USG 3251	82.9	**92.4**	**9.4**	**11.4**	7
TVX8626	82.9	88.2	5.3	6.4	5
GA011373-10LEL36	82.8	84.3	1.5	1.8	0
PGX 10-7	82.7	87.0	4.3	5.2	5
SS520	82.7	83.4	0.7	0.8	.
Progeny 185	82.7	82.6	-0.1	-0.1	4
GA00067-8E35	82.6	**91.5**	**9.0**	**10.8**	0
TVX8535	82.5	90.9	**8.4**	**10.1**	3
LA02006E239	82.5	80.2	-2.3	-2.8	0
SS8641	82.5	87.5	5.0	6.1	0
GA031134-10E29	82.4	**96.4**	**14.0**	**17.0**	1
USG 3409	82.0	90.0	**8.0**	**9.8**	6
Progeny 117	81.9	85.7	3.8	4.6	4
TV8558	81.9	88.8	**6.9**	**8.4**	4
Dyna-Gro Baldwin	81.2	83.4	2.2	2.7	0
USG 3555	81.0	84.0	3.0	3.7	4

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2010-2011
(Continued)

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with fungicide	Change with fungicide	Leaf Rust
	--------- bu/acre ---------		bu/acre	%	rating[3]
USG 3452	81.0	87.7	**6.6**	**8.2**	7
USG 3665	81.0	83.2	2.2	2.8	3
SL1007	80.8	87.5	**6.7**	**8.3**	.
Arcadia	80.5	84.8	4.3	5.3	0
GA031215-10E42	80.3	85.9	5.6	7.0	0
NC05-19896	80.1	86.7	**6.6**	**8.3**	0
GA021773-9EE21	80.1	85.1	5.0	6.3	0
GA021087-9LE33	80.0	82.4	2.5	3.1	0
Pioneer 26R61	79.8	83.2	3.4	4.3	.
GA011446-9LE35	79.8	85.1	5.3	6.6	0
GA03389-10E36	79.7	85.5	5.8	7.3	0
GA03437-10E33	79.2	82.4	3.2	4.0	0
LA841	79.0	77.4	-1.6	-2.0	.
LA01110D-150	78.1	81.3	3.2	4.0	0
PGX 10-2	78.1	84.7	**6.6**	**8.5**	7
Progeny 166	77.9	81.3	3.4	4.3	4
Fleming	77.3	77.6	0.3	0.4	.
GA021338-9E15	76.8	83.0	6.1	**8.0**	0
GA021245-9E16	76.8	78.0	1.2	1.6	0
GA021338-9EE11	76.3	89.1	**12.8**	**16.7**	0
GA-Gore	73.6	78.4	4.8	6.5	.
AGS 2060	71.9	78.6	**6.8**	**9.4**	0
TVX8460	71.6	69.1	-2.5	-3.5	5
SL1008	70.2	79.8	**9.7**	**13.8**	8
NF95134A	67.7	73.3	5.6	**8.3**	4
NF96131	64.5	65.5	1.0	1.6	2
PST SW1	52.0	55.4	3.4	6.5	9
Average	81.6	85.3	3.8	4.7	2
LSD at 10% Level	5.1	5.7	7.8	9.8	-
Std. Err. of Entry Mean	2.2	2.4	3.3	4.2	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. For fungal control 8 oz/acre Quilt applied April 7, 2011; due to wet fields only one application of fungicide could be applied.
3. Rating: 0 = resistant to 9 = very susceptible

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Plains, Georgia:
Late-Planted Wheat Grain Performance, 2010-2011

	Yield[1]		2011 Data						
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Fleming	**57.6**	**55.4**	9	65.2	57.9	36	0	04/09	95
Coker 9700	**57.0**	**57.4**	1	**71.1**	60.5	36	0	04/07	100
Jamestown	**52.2**	**52.6**	11	63.5	60.4	35	0	04/06	100
AGS 2060	**52.1**	**53.4**	17	58.7	59.6	42	0	04/10	100
USG 3209	**49.8**	**54.8**	2	**68.4**	56.1	35	0	04/10	95
Progeny 117	**48.2**	**54.7**	13	62.5	55.2	39	0	04/10	100
SS520	**46.6**	**54.1**	15	61.0	56.3	38	0	04/07	85
USG 3770	.	**56.2**	16	59.1	56.4	34	0	04/14	100
USG 3555	.	**53.2**	5	**66.8**	53.8	34	0	04/12	100
Arcadia	.	**50.8**	4	**67.4**	58.7	36	0	04/09	100
USG 3452	.	**50.0**	18	55.7	54.5	40	0	04/14	95
USG 3665	.	**47.9**	21	51.1	54.0	37	0	04/12	90
GA03136-10EEL9	.	.	3	**67.9**	55.5	34	0	04/08	95
GA031238-7E34	.	.	6	66.1	57.2	32	0	04/12	100
USG 3409	.	.	7	66.0	55.5	37	0	04/12	100
SL1006	.	.	8[T]	65.3	58.4	38	0	04/14	100
GA03580-10EE315	.	.	8[T]	65.3	61.0	37	0	04/11	100
VA05W-139	.	.	10	63.7	55.5	34	0	04/13	90
SL1003	.	.	12	63.4	57.2	39	0	04/11	95
GA031389-10EEL18	.	.	14	62.2	57.6	32	0	04/09	95
NF95134A	.	.	19	53.0	60.2	40	0	04/09	95
NF96131	.	.	20	52.6	60.0	42	0	04/13	95
Average	51.9	53.4		62.5 [2]	57.3	37	0	04/10	97
LSD at 10% Level	N.S.[3]	N.S.		4.8	1.9	1	-	01	N.S.
Std. Err. of Entry Mean	1.3	2.3		2.0	0.8	1	-	01	4

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 6.6%, and df for EMS = 63.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 15, 2010.
Harvested: May 23, 2011.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Greenville sandy loam
Soil Test: P = Medium, K = High, and pH = 6.2.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Subsoiled, disked and rototilled.
Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia:
Late-Planted Wheat Grain Performance with Foliar Fungicide, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Coker 9700	**60.5**	**59.8**	3	**74.2**	58.9	37	0	04/07	95
Fleming	**59.4**	**52.5**	14	67.4	59.2	36	0	04/07	95
Jamestown	**57.4**	**57.0**	8	**70.3**	59.1	34	0	04/06	95
AGS 2060	**56.4**	**54.9**	15	66.3	58.7	41	0	04/11	100
Progeny 117	**55.0**	**58.2**	9	**70.0**	59.8	38	0	04/10	100
USG 3209	**53.5**	**54.9**	13	68.4	59.4	35	0	04/10	95
USG 3770	.	**60.0**	7	**71.7**	57.1	36	0	04/14	100
USG 3452	.	**59.7**	4	**73.4**	59.4	40	0	04/13	80
SS520	.	**59.3**	2	**76.5**	59.0	36	0	04/07	90
USG 3555	.	**57.1**	1	**76.6**	58.5	33	0	04/12	95
USG 3665	.	**54.4**	12[T]	68.5	60.4	38	0	04/13	100
Arcadia	.	**50.9**	16[T]	65.7	57.9	36	0	04/09	100
GA03136-10EEL9	.	.	5	**72.5**	58.9	34	0	04/11	95
SL1003	.	.	6	**72.4**	59.5	39	0	04/10	100
USG 3409	.	.	10	**69.6**	59.4	38	0	04/10	95
NF96131	.	.	11	68.7	59.2	42	0	04/10	95
GA03580-10EE315	.	.	12[T]	68.5	57.4	37	0	04/09	95
VA05W-139	.	.	16[T]	65.7	60.9	35	0	04/12	95
NF95134A	.	.	17	65.5	56.8	40	0	04/07	90
GA031389-10EEL18	.	.	18	63.4	55.8	31	0	04/10	100
SL1006	.	.	19	62.6	57.7	38	0	04/12	100
Average	57.0	56.6		69.4 [2]	58.7	37	0	04/10	96
LSD at 10% Level	N.S.[3]	N.S.		4.7	2.6	1	-	01	N.S.
Std. Err. of Entry Mean	1.7	2.0		3.1	1.1	1	-	01	4

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.0%, and df for EMS = 60.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 15, 2010.

Harvested: May 23, 2011.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.

Management: Subsoiled, disked and rototilled. For fungal control 8 oz/acre Quilt applied April 7, 2011; due to wet fields only one application of fungicide could be applied.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia:
Effect of Fungicide on Late-Planted Wheat Grain Yield, 2010-2011

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with fungicide	Change with fungicide	Leaf Rust
	--------- bu/acre ---------		bu/acre	%	rating[3]
Coker 9700	**71.1**	**74.2**	3.1	4.4	.
USG 3209	**68.4**	68.4	0.0	0.0	.
GA03136-10EEL9	**67.9**	**72.5**	4.6	6.8	.
Arcadia	**67.4**	65.7	-1.7	-2.5	0
USG 3555	**66.8**	**76.6**	9.8	14.7	4
USG 3409	66.0	69.6	3.6	5.4	6
SL1006	65.3	62.6	-2.7	-4.2	.
GA03580-10EEL15	65.3	68.5	3.2	4.9	.
Fleming	65.2	67.4	2.3	3.5	.
VA05W-139	63.7	65.7	2.0	3.1	0
Jamestown	63.5	70.3	6.8	10.6	1
SL1003	63.4	**72.4**	9.0	14.2	.
Progeny 117	62.5	70.0	7.5	11.9	4
GA031389-10EEL18	62.2	63.4	1.2	2.0	.
SS520	61.0	**76.5**	**15.5**	**25.4**	.
USG 3770	59.1	71.7	**12.7**	**21.4**	2
AGS 2060	58.7	66.3	7.6	12.9	0
USG 3452	55.7	**73.4**	**17.7**	**31.8**	7
NF95134A	53.0	65.5	**12.5**	**23.6**	4
NF96131	52.6	68.7	**16.1**	**30.5**	2
USG 3665	51.1	68.5	**17.4**	**34.0**	3
Average	62.5	69.4	7.0	12.1	3
LSD at 10% Level	4.8	4.7	8.8	14.6	-
Std. Err. of Entry Mean	2.0	3.1	3.7	6.2	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. For fungal control 8 oz/acre Quilt applied April 7, 2011; due to wet fields only one application of fungicide could be applied.
3. Rating: 0 = resistant to 9 = very susceptible

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Midville, Georgia:
Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average[2]	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
AGS 2035	.	**69.4**	2	**69.6**	59.8	40	0	04/03	100
Dyna-Gro Baldwin	.	**66.5**	8	**67.1**	60.2	41	0	04/11	80
LA01110D-150	.	**66.4**	9	**65.9**	58.7	38	0	04/05	100
GA001138-8E36	.	**64.9**	22[T]	**62.6**	60.2	41	0	04/07	100
SS8308	.	**63.4**	24	**62.4**	59.1	36	0	04/05	80
GA00067-8E35	.	**63.1**	20	**62.9**	59.2	35	0	04/05	100
GA031238-7E34	.	**62.5**	37[T]	58.2	56.5	30	0	04/04	100
Progeny 166	.	59.1	28[T]	61.6	57.7	42	0	04/06	80
Progeny 185	.	58.6	39[T]	57.6	56.9	38	0	04/05	100
SS8404	.	58.5	11[T]	**65.3**	59.4	34	0	04/05	80
TV8558	.	58.4	35	58.6	56.7	37	0	04/06	100
Pioneer 26R61	.	57.6	22[T]	**62.6**	60.1	39	0	04/06	100
LA841	.	54.9	53[T]	48.3	56.7	34	0	04/04	90
SS8641	.	52.9	21	**62.7**	58.7	39	0	04/05	100
AGS 2026	.	52.4	41	56.1	57.7	34	0	04/02	100
Oglethorpe	.	47.4	55	45.2	58.4	32	0	04/02	100
Pioneer 26R31	.	44.1	43	55.5	56.3	30	0	04/04	80
TVX8626	.	.	1	**69.7**	54.9	36	0	04/10	100
USG 3409	.	.	3	**68.8**	57.8	39	0	04/05	100
GA041271-10LEL39	.	.	4	**68.3**	58.7	39	0	04/06	80
Pioneer XW09H	.	.	5	**67.8**	57.9	35	0	04/06	80
USG 3770	.	.	6	**67.6**	60.0	36	0	04/07	80
GA03564-10E25	.	.	7	**67.4**	58.6	40	0	04/06	80
GA021338-9EE11	.	.	10	**65.8**	59.8	40	0	04/06	80
GA04570-10E46	.	.	11[T]	**65.3**	59.9	41	0	04/05	100
PGX 10-7	.	.	12[T]	**65.2**	55.1	36	0	04/10	80
TVX8535	.	.	12[T]	**65.2**	56.4	33	0	04/07	80
GA031257-10LEL34	.	.	13	**65.1**	60.4	34	0	04/03	100
USG 3251	.	.	14	**65.0**	57.3	38	0	04/09	100
GA021087-9LE33	.	.	15	**64.3**	61.0	39	0	04/04	100
GA011373-10LEL36	.	.	16	**64.2**	58.1	34	0	04/06	100
PGX 10-5	.	.	17	**63.9**	56.4	33	0	04/07	80
USG 3209	.	.	18	**63.4**	58.8	33	0	04/04	100
NC05-19896	.	.	19	**63.1**	59.6	35	0	04/05	80
GA031257-10E41	.	.	23[T]	**62.5**	61.4	33	0	04/04	100
GA031134-10E29	.	.	23[T]	**62.5**	57.5	34	0	04/05	100
USG 3555	.	.	23[T]	**62.5**	57.0	33	0	04/05	80
AGS CL7	.	.	25	**62.3**	59.1	36	0	04/03	100
USG 3665	.	.	26	**62.2**	56.8	40	0	04/06	80
VA05W-139	.	.	27[T]	61.7	57.6	34	0	04/05	80

Midville, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average[2]	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Jamestown	.	.	27[T]	61.7	59.5	34	0	04/02	100
GA031215-10E42	.	.	27[T]	61.7	60.6	35	0	04/06	80
LA821	.	.	28[T]	61.6	57.5	38	0	04/03	100
GA021338-9E15	.	.	29	60.9	59.5	38	0	04/06	80
GA031238-10LEL33	.	.	30	60.8	58.9	34	0	04/04	100
LA02006E239	.	.	31	60.3	60.6	39	0	04/06	80
Progeny 117	.	.	32[T]	60.1	58.3	40	0	04/05	100
GA031086-10E26	.	.	32[T]	60.1	57.6	33	0	04/04	100
USG 3452	.	.	33	59.9	57.4	41	0	04/05	75
Arcadia	.	.	34	59.7	59.4	38	0	04/02	80
GA03437-10E33	.	.	36	58.4	57.9	40	0	04/05	100
TVX8525	.	.	37[T]	58.2	58.0	34	0	04/05	100
GA021245-9E16	.	.	38[T]	57.8	59.5	39	0	04/05	80
PGX 10-2	.	.	38[T]	57.8	57.8	38	0	04/09	100
SL1003	.	.	39[T]	57.6	58.1	39	0	04/05	100
USG 3592	.	.	39[T]	57.6	58.4	40	0	04/05	100
GA021773-9EE21	.	.	40	57.1	58.8	36	0	04/04	100
USG 3438	.	.	42	55.8	53.7	33	0	04/08	100
GA03389-10E36	.	.	44	55.2	60.5	34	0	04/04	80
NF96131	.	.	45	55.1	60.5	44	0	04/05	80
SL1006	.	.	46	54.6	60.1	38	0	04/06	100
GA011446-9LE35	.	.	47	54.2	58.4	37	0	04/04	100
Fleming	.	.	48[T]	53.8	59.2	34	0	04/01	100
SL1007	.	.	48[T]	53.8	58.1	37	0	04/10	100
Progeny 125	.	.	49	53.5	56.9	35	0	03/29	100
AGS 2060	.	.	50	52.9	59.4	38	0	04/04	80
GA-Gore	.	.	51	52.1	56.6	37	0	04/05	100
NF95134A	.	.	52	50.6	59.5	43	0	04/05	100
Coker 9700	.	.	53[T]	48.3	59.2	33	0	03/31	100
SS520	.	.	54	46.5	56.4	37	0	04/02	100
TVX8460	.	.	56	45.0	54.6	41	0	04/11	50
PST SW1	.	.	57	38.7	46.4	36	0	04/19	80
SL1008	.	.	58	26.0	54.5	38	0	04/05	38
Average	.	58.8		59.2 [3]	58.1	37	0	04/05	91
LSD at 10% Level		7.0		7.7	1.2	2	-	01	5
Std. Err. of Entry Mean		3.0		3.3	0.5	1	-	01	2

Midville, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. 2-year average: 2009 and 2011.
3. C.V. = 11.1%, and df for EMS = 216.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	November 22, 2010.
Harvested:	May 24, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 5.6.
Fertilization:	Preplant: 36 lb N, 92 lb P_2O_5, and 120 lb K_2O/acre.
	Topdress: 65 lb N/acre.
Management:	Subsoiled, disked and rototilled; Osprey and Harmony Extra used for weed control; lime applied 1 ton/acre.
Previous Crop:	Soybeans.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Midville, Georgia:
Late-Planted Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average[2]	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
AGS 2060	.	**46.8**	1	**40.8**	60.1	35	0	.	100
USG 3209	.	**42.3**	2	**40.1**	55.7	32	0	.	100
Fleming	.	**41.6**	4	**34.3**	57.2	32	0	.	95
Jamestown	.	**40.4**	5	**33.5**	58.3	30	0	.	90
Progeny 117	.	**34.3**	10	28.5	55.1	33	0	.	100
SS520	.	**33.6**	15	24.7	53.2	33	0	.	85
Coker 9700	.	**21.3**	9	29.6	56.4	31	0	.	100
GA03580-10EE315	.	.	3	**34.8**	59.3	33	0	.	95
USG 3555	.	.	6[T]	31.9	53.8	30	0	.	100
Arcadia	.	.	6[T]	31.9	58.5	32	0	.	100
USG 3665	.	.	7	31.1	53.7	34	0	.	95
USG 3770	.	.	8	30.8	60.1	31	0	.	90
NF96131	.	.	11	28.3	58.9	37	0	.	90
GA03136-10EEL9	.	.	12	27.0	55.9	31	0	.	90
SL1003	.	.	13	26.7	54.8	33	0	.	90
USG 3452	.	.	14	25.1	52.9	34	0	.	85
SL1006	.	.	16	24.2	58.1	33	0	.	95
USG 3409	.	.	17	24.0	50.9	31	0	.	90
GA031238-7E34	.	.	18	23.7	54.7	28	0	.	95
VA05W-139	.	.	19	18.2	56.2	28	0	.	90
NF95134A	.	.	20	17.7	56.2	35	0	.	85
GA031389-10EEL18	.	.	21	17.0	56.2	26	0	.	95
Average	.	37.2		28.3 [3]	56.2	32	0	.	93
LSD at 10% Level		N.S.[4]		8.7	0.9	2	-		N.S.
Std. Err. of Entry Mean		2.3		3.7	0.4	1	-		4

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. 2-year average: 2009 and 2011.
3. C.V. = 25.9%, and df for EMS = 63.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 16, 2010.

Harvested: May 24, 2011.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 5.6.

Fertilization: Preplant: 36 lb N, 92 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 65 lb N/acre.

Management: Subsoiled, disked and rototilled; Osprey and Harmony Extra used for weed control; lime applied 1 ton/acre.

Previous Crop: Soybeans.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia:
Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
TV8558	**87.4**	85.4	22	99.8	61.4	40	0	04/09	99
GA031238-7E34	**86.0**	84.3	29	97.4	60.7	35	0	04/06	100
TV8589	**82.8**	77.3	45	90.1	58.3	40	0	04/11	100
Progeny 166	**82.6**	85.1	28	97.8	60.6	44	0	04/08	100
GA001138-8E36	81.3	87.8	7	**105.7**	60.4	45	0	04/10	100
GA00067-8E35	80.7	84.7	21	99.9	61.2	37	0	04/06	100
SS8308	80.1	77.7	42	90.9	63.1	38	0	04/09	100
SS8641	78.5	77.7	43	90.8	61.4	40	0	04/07	100
AGS 2035	78.4	85.5	9	**105.0**	61.9	41	0	04/06	100
AGS 2026	78.0	89.4	25[T]	98.6	61.1	39	0	04/06	100
Magnolia	77.9	76.3	50	89.2	60.8	42	0	04/10	100
Pioneer 26R61	77.1	85.2	15	**101.3**	63.6	42	0	04/07	100
Dyna-Gro Baldwin	76.0	84.3	32	95.9	57.5	42	0	04/15	100
Oglethorpe	75.3	88.3	1	**111.6**	61.3	38	0	04/06	100
Progeny 185	73.7	71.0	63	80.9	59.6	39	0	04/08	100
LA01110D-150	73.4	77.1	17	100.5	61.7	41	0	04/06	100
USG 3592	71.5	77.8	51	88.9	62.6	40	0	04/10	100
LA841	61.8	68.6	55[T]	88.0	60.6	38	0	04/06	100
SS8404	57.2	66.1	66	67.9	61.4	34	0	04/09	100
Pioneer 26R31	55.0	65.8	64	75.8	59.9	33	0	04/07	100
TV8861	.	**98.1**	8[T]	**105.5**	60.9	37	0	04/11	100
GA021338-9E15	.	**93.4**	25[T]	98.6	58.5	40	0	04/06	100
Jamestown	.	**90.9**	6	**105.9**	62.9	37	0	04/06	100
USG 3209	.	89.6	18[T]	100.3	61.4	36	0	04/06	100
LA821	.	89.2	12[T]	**103.2**	60.8	40	0	04/06	100
USG 3438	.	87.7	3	**107.1**	60.4	36	0	04/08	100
USG 3251	.	86.5	26	98.4	60.5	37	0	04/13	99
Progeny 125	.	85.9	19	100.2	61.5	37	0	04/06	99
USG 3555	.	85.4	16	101.0	60.1	35	0	04/07	100
SL1004	.	85.2	46	89.9	61.0	40	0	04/07	99
GA021087-9LE33	.	84.5	36	94.9	61.9	40	0	04/07	100
GA021245-9E16	.	82.3	44[T]	90.4	61.4	38	0	04/06	100
USG 3665	.	81.3	33[T]	95.5	59.5	40	0	04/09	100
Progeny 117	.	80.3	47	89.7	61.1	40	0	04/06	100
Arcadia	.	79.7	37	94.0	61.8	38	0	04/06	99
USG 3770	.	79.7	52	88.6	62.7	36	0	04/10	100
AGS 2060	.	78.6	12[T]	**103.2**	63.9	43	0	04/06	100
NC05-19896	.	78.4	57[T]	87.5	63.0	36	0	04/06	99
USG 3452	.	76.3	41	92.5	60.2	42	0	04/07	100
Coker 9553	.	74.2	53	88.2	62.7	40	0	04/07	100

Griffin, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
GA011446-9LE35	.	73.6	59	84.5	60.4	38	0	04/08	100
AGS CL7	.	73.4	55[T]	88.0	59.5	38	0	04/07	100
SS520	.	58.1	67	67.8	58.3	39	0	04/06	100
TVX8848	.	.	2	**107.6**	61.0	38	0	04/11	99
GA041271-10LEL39	.	.	4	**106.7**	57.5	39	0	04/08	100
GA031086-10E26	.	.	5	**106.0**	60.6	38	0	04/06	100
GA031134-10E29	.	.	8[T]	**105.5**	61.2	38	0	04/07	99
GA021773-9EE21	.	.	10	**104.1**	62.3	38	0	04/07	100
GA03564-10E25	.	.	11	**104.0**	58.3	41	0	04/10	100
Dyna-Gro 9171	.	.	12[T]	**103.2**	60.6	36	0	04/07	99
USG 3409	.	.	13	**102.7**	61.9	40	0	04/09	100
PGX 10-5	.	.	14	**101.5**	60.7	36	0	04/09	100
GA031257-10E41	.	.	18[T]	100.3	63.0	36	0	04/06	100
GA031257-10LEL34	.	.	20	100.0	63.4	37	0	04/06	100
Pioneer XW09H	.	.	23	99.7	60.1	37	0	04/09	100
GA031215-10E42	.	.	24	98.9	62.3	39	0	04/06	100
GA04570-10E46	.	.	27	97.9	62.5	40	0	04/06	99
GA03437-10E33	.	.	30	96.5	60.4	42	0	04/10	100
Dyna-Gro 9053	.	.	31	96.2	58.9	37	0	04/14	100
TVX8626	.	.	33[T]	95.5	58.5	37	0	04/13	100
PGX 10-7	.	.	34	95.3	59.3	38	0	04/11	100
GA03389-10E36	.	.	35	95.1	62.8	40	0	04/06	100
SL1008	.	.	38	93.4	60.6	43	0	04/07	90
GA021338-9EE11	.	.	39	93.0	58.5	41	0	04/06	99
PGX 10-2	.	.	40	92.8	62.7	39	0	04/10	100
SL1005	.	.	44[T]	90.4	60.0	40	0	04/11	91
GA031238-10LEL33	.	.	48	89.6	62.5	38	0	04/07	100
TVX8525	.	.	49	89.5	61.3	36	0	04/09	100
TVX8535	.	.	54	88.1	61.0	35	0	04/08	100
GA011373-10LEL36	.	.	56	87.8	61.5	36	0	04/06	99
TVX8460	.	.	57[T]	87.5	60.0	41	0	04/11	93
Roberts	.	.	58	85.1	59.2	38	0	04/06	100
PST SW1	.	.	60	83.9	38.7	42	0	04/18	100
LA02006E239	.	.	61	83.8	62.3	39	0	04/06	99
GA-Gore	.	.	62[T]	83.5	60.0	40	0	04/06	100
VA05W-139	.	.	62[T]	83.5	61.1	36	0	04/11	100
NF95134A	.	.	65	72.4	62.1	44	0	04/10	100
NF96131	.	.	68	66.9	61.7	46	0	04/07	99
Average	75.7	81.1		94.1 [2]	60.7	39	0	04/08	99
LSD at 10% Level	5.8	7.7		10.4	1.0	2	-	02	-
Std. Err. of Entry Mean	2.5	3.2		4.5	0.4	1	-	01	-

Griffin, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.4%, and df for EMS = 231.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 27, 2010.
Harvested:	May 26, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Appling sandy loam.
Soil Test:	P = High, K = Very High, and pH = 6.0.
Fertilization:	Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
	Topdress: 70 lb N/acre.
Management:	Moldboard plowed, disked and rototilled; Harmony and Osprey used for weed control.
Previous Crop:	Fallow.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Wheat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
GA031238-7E34	**104.4**	**118.4**	1	**126.6**	60.6	37	0	.	100
GA00067-8E35	**90.6**	95.4	44	87.8	62.4	43	5	.	100
Progeny 166	**89.7**	92.0	26	93.5	59.1	46	3	.	100
SS8308	**89.2**	96.6	16	100.0	61.6	43	15	.	100
TV8558	**88.8**	92.9	38[I]	90.6	61.0	44	3	.	100
Magnolia	**88.2**	93.2	43	88.8	59.7	45	5	.	100
Pioneer 26R31	**87.1**	99.7	21	95.6	60.5	38	3	.	100
GA001138-8E36	**86.1**	93.8	38[T]	90.6	61.8	46	25	.	100
LA01110D-150	**85.9**	98.3	51	83.9	59.6	46	15	.	100
USG 3592	**85.8**	98.1	29[T]	92.2	61.2	45	23	.	100
AGS 2035	**85.5**	93.2	48[T]	85.4	61.3	44	8	.	100
AGS 2026	**84.9**	92.6	35[T]	91.2	59.9	43	15	.	100
Dyna-Gro Baldwin	**83.9**	95.1	22	95.5	61.4	44	0	.	100
SS8641	**83.9**	91.9	50	84.4	60.1	43	18	.	100
Oglethorpe	**83.7**	92.0	54	81.1	60.1	41	13	.	100
SS8404	**82.6**	97.1	11	102.2	62.6	38	0	.	100
Progeny 185	**81.7**	82.9	56	79.1	60.2	44	3	.	100
LA841	**78.7**	87.2	48[T]	85.4	57.9	44	0	.	100
TV8589	**76.9**	81.9	58	78.0	59.7	46	18	.	100
Pioneer 26R61	**75.0**	81.3	60[T]	74.9	60.7	45	13	.	100
TV8861	.	108.2	15	100.2	59.3	41	13	.	100
USG 3555	.	103.4	13	101.2	60.3	39	0	.	100
USG 3251	.	103.2	24[T]	94.3	59.8	45	8	.	100
USG 3770	.	103.1	10	102.7	61.0	41	3	.	100
USG 3452	.	102.3	8	104.9	59.9	48	8	.	100
USG 3209	.	101.1	12	102.0	61.1	41	15	.	100
LA821	.	97.1	39[T]	90.4	59.9	43	8	.	100
SS520	.	95.9	55	81.0	60.0	46	5	.	100
Coker 9553	.	95.5	41[T]	89.1	62.5	45	3	.	100
Progeny 117	.	95.2	18	99.2	60.8	47	20	.	100
USG 3438	.	95.1	32	91.7	58.4	38	0	.	100
Jamestown	.	94.7	27	93.4	63.2	41	0	.	100
Progeny 125	.	93.7	19	98.4	60.3	41	3	.	100
GA021338-9E15	.	93.6	39[T]	90.4	61.0	44	20	.	100
USG 3665	.	92.1	17[T]	99.5	60.8	47	5	.	100
GA021245-9E16	.	91.6	52	82.7	61.5	44	8	.	100
GA021087-9LE33	.	91.4	41[T]	89.1	62.0	43	8	.	100
AGS 2060	.	87.6	47	86.1	62.2	45	10	.	100
Arcadia	.	87.2	49	85.1	61.1	43	8	.	100
AGS CL7	.	86.4	53[T]	82.6	60.9	38	8	.	100

Calhoun, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

Brand-Variety	Yield[1] Average	Yield[1] Average	2011 Data Rank	Yield[1]	Wt	Ht	Lodg.	Date	Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
NC05-19896	.	82.9	45	86.9	61.7	38	0	.	100
GA011446-9LE35	.	78.7	62	71.1	60.3	42	10	.	100
Dyna-Gro 9053	.	.	2	**116.3**	57.7	42	3	.	100
Dyna-Gro 9171	.	.	3	**112.9**	58.8	40	0	.	100
PGX 10-7	.	.	4	**110.7**	57.6	40	3	.	100
GA041271-10LEL39	.	.	5	109.1	60.7	43	3	.	100
Pioneer XW09H	.	.	6	107.3	59.9	41	0	.	100
GA03564-10E25	.	.	7	105.4	60.8	43	0	.	100
PGX 10-5	.	.	9	104.0	58.2	40	3	.	100
TVX8626	.	.	14	100.5	57.5	40	3	.	100
GA031257-10LEL34	.	.	17[T]	99.5	61.8	40	10	.	100
GA03437-10E33	.	.	20	96.6	61.8	46	10	.	100
GA031215-10E42	.	.	23	94.7	61.6	42	13	.	100
GA031086-10E26	.	.	24[T]	94.3	60.9	40	13	.	100
GA031238-10LEL33	.	.	25	94.1	61.9	40	10	.	100
SL1008	.	.	28	93.0	60.3	41	13	.	100
VA05W-139	.	.	29[T]	92.2	60.3	40	10	.	100
TVX8535	.	.	29[T]	92.2	57.9	41	3	.	100
PGX 10-2	.	.	30[T]	92.1	61.7	45	18	.	100
USG 3409	.	.	30[T]	92.1	60.6	44	5	.	100
GA031257-10E41	.	.	31	92.0	62.1	42	0	.	100
GA011373-10LEL36	.	.	33	91.6	61.3	41	3	.	100
TVX8848	.	.	34	91.5	60.2	43	3	.	100
SL1004	.	.	35[T]	91.2	59.3	42	0	.	100
LA02006E239	.	.	36	91.1	62.2	43	3	.	100
TVX8525	.	.	37[T]	91.0	61.1	40	0	.	100
GA021338-9EE11	.	.	37[T]	91.0	61.1	45	13	.	100
GA031134-10E29	.	.	40	90.3	61.2	42	25	.	100
GA03389-10E36	.	.	42	89.0	61.8	43	8	.	100
GA04570-10E46	.	.	46	86.8	61.7	44	10	.	100
SL1005	.	.	53[I]	82.6	58.7	46	0	.	100
PST SW1	.	.	57	78.5	56.2	48	3	.	100
TVX8460	.	.	59	75.2	58.0	45	0	.	100
Roberts	.	.	60[T]	74.9	59.5	45	25	.	100
GA021773-9EE21	.	.	61	73.8	60.6	40	13	.	100
GA-Gore	.	.	63	69.1	58.8	43	15	.	100
NF95134A	.	.	64	64.4	60.1	46	18	.	100
NF96131	.	.	65	63.9	59	48	33	.	100
Average	85.6	94.1		91.3 [2]	60.4	43	8	.	100
LSD at 10% Level	N.S.[3]	11.3		16.9	1.1	3	13		-
Std. Err. of Entry Mean	3.4	4.5		7.2	0.5	1	5		-

Calhoun, Georgia:
Wheat Grain Performance, 2010-2011 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 15.8%, and df for EMS = 231.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 14, 2010.
Harvested:	June 2, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Etowah loam.
Soil Test:	P = High, K = High, and pH = 6.4.
Fertilization:	Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.
	Topdress: 70 lb N/acre.
Management:	Chisel plowed, disked and rototilled.
Previous Crop:	Fallow.

Test conducted by J. Gassett, G. Ware and J. Stubbs.

Summary of Wheat Yields:
Georgia, 2010-2011 with Two- and Three-Year Averages

Brand-Variety	Yield[1] South[2] 3-Year Average[5]	South[2] 2-Year Average[6]	South[2] 2011	North[3] 3-Year Average	North[3] 2-Year Average	North[3] 2011	Statewide[4] 3-Year Average	Statewide[4] 2-Year Average	Statewide[4] 2011
	bu/acre								
AGS 2026	**72.7**	**77.8**	79.9	81.4	91.0	94.9	76.4	**83.6**	85.9
AGS 2035	**75.1**	**75.8**	81.8	82.0	89.4	95.2	78.0	81.8	87.1
AGS 2060	64.9	62.6	67.0	80.0	83.1	94.6	71.4	71.7	78.1
AGS CL7	.	72.4	79.3	.	79.9	85.3	.	75.7	81.7
Arcadia	.	71.2	73.2	.	83.4	89.5	.	76.6	79.7
Coker 9553	.	.	.	82.7	84.9	88.7	.	.	.
Coker 9700	64.0	**74.8**	75.2	.	.	.	.	.	.
Dyna-Gro 9053	.	.	.	.	.	**106.3**	.	.	.
Dyna-Gro 9171	.	.	.	.	.	**108.0**	.	.	.
Dyna-Gro Baldwin	72.0	70.8	74.6	80.0	89.7	95.7	75.4	79.2	83.0
Fleming	62.0	64.5	70.2	.	.	.	.	.	.
GA-Gore	.	.	66.0	.	.	76.3	.	.	70.1
GA00067-8E35	69.9	71.2	77.5	85.6	90.1	93.8	76.6	79.6	84.0
GA001138-8E36	**73.4**	71.9	75.9	83.7	90.8	98.2	77.8	80.3	84.8
GA011373-10LEL36	.	.	76.8	.	.	89.7	.	.	81.9
GA011446-9LE35	.	70.3	70.1	.	76.1	77.8	.	72.9	73.2
GA021087-9LE33	.	69.4	73.0	.	87.9	92.0	.	77.6	80.6
GA021245-9E16	.	69.1	72.3	.	86.9	86.5	.	77.0	78.0
GA021338-9E15	.	69.1	72.2	.	93.5	94.5	.	79.9	81.1
GA021338-9EE11	.	.	74.4	.	.	92.0	.	.	81.4
GA021773-9EE21	.	.	71.7	.	.	88.9	.	.	78.6
GA031086-10E26	.	.	76.2	.	.	100.1	.	.	85.8
GA031134-10E29	.	.	77.8	.	.	97.9	.	.	85.8
GA031215-10E42	.	.	75.9	.	.	96.8	.	.	84.3
GA031238-10LEL33	.	.	76.3	.	.	91.9	.	.	82.6
GA031238-7E34	**75.3**	**76.3**	79.5	**95.2**	**101.4**	**112.0**	**83.8**	**87.4**	**92.5**
GA031257-10E41	.	.	81.5	.	.	96.1	.	.	87.3
GA031257-10LEL34	.	.	79.6	.	.	99.7	.	.	87.6
GA03389-10E36	.	.	73.3	.	.	92.1	.	.	80.8
GA03437-10E33	.	.	73.9	.	.	96.6	.	.	83.0
GA03564-10E25	.	.	**86.5**	.	.	**104.7**	.	.	**93.8**
GA041271-10LEL39	.	.	78.0	.	.	**107.9**	.	.	89.9
GA04570-10E46	.	.	79.8	.	.	92.4	.	.	84.8
Jamestown	71.9	72.0	76.5	81.5	92.8	99.7	76.0	81.2	85.8
LA01110D-150	68.8	71.6	76.6	79.7	87.7	92.2	73.5	78.7	82.8
LA02006E239	.	.	75.2	.	.	87.4	.	.	80.1
LA821	.	74.2	77.3	.	93.2	96.8	.	82.6	85.1
LA841	59.4	60.1	66.4	70.2	77.9	86.7	64.1	68.0	74.5
Magnolia	.	.	.	83.0	84.8	89.0	.	.	.
NC05-19896	.	70.1	75.4	.	80.6	87.2	.	74.8	80.1

Summary of Wheat Yields: Georgia, 2010-2011 with Two- and Three-Year Averages (Continued)

Brand-Variety	Yield[1]								
	South[2]			North[3]			Statewide[4]		
	3-Year Average[5]	2-Year Average[6]	2011	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011
	bu/acre								
NF95134A	.	.	59.8	.	.	68.4	.	.	63.2
NF96131	.	.	57.9	.	.	65.4	.	.	60.9
Oglethorpe	68.8	72.8	75.3	79.5	90.1	96.4	73.4	80.5	83.7
PGX 10-2	.	.	70.5	.	.	92.5	.	.	79.3
PGX 10-5	.	.	77.5	.	.	**102.8**	.	.	87.6
PGX 10-7	.	.	76.2	.	.	**103.0**	.	.	86.9
PST SW1	.	.	47.3	.	.	81.2	.	.	60.9
Pioneer 26R31	63.9	70.7	72.6	71.1	82.8	85.7	66.9	76.1	77.8
Pioneer 26R61	66.0	68.7	73.5	76.1	83.3	88.1	70.3	75.2	79.4
Pioneer XW09H	.	.	77.5	.	.	**103.5**	.	.	87.9
Progeny 117	65.6	69.8	73.6	83.8	87.8	94.5	73.4	77.8	82.0
Progeny 125	.	**76.2**	78.4	.	89.8	99.3	.	82.2	86.7
Progeny 166	62.0	67.3	68.7	86.2	88.6	95.6	72.4	76.8	79.4
Progeny 185	64.7	69.7	74.0	77.7	76.9	80.0	70.3	72.9	76.4
Roberts	.	.	.	.	.	80.0	.	.	.
SL1003	.	.	71.0	.	.	.	.	.	.
SL1004	.	.	.	.	.	90.6	.	.	.
SL1005	.	.	.	.	.	86.5	.	.	.
SL1006	.	.	71.0	.	.	.	.	.	.
SL1007	.	.	68.4	.	.	.	.	.	.
SL1008	.	.	42.4	.	.	93.2	.	.	62.7
SS520	61.0	69.9	70.2	64.5	77.0	74.4	62.5	73.0	71.9
SS8308	68.1	**75.0**	81.0	84.6	87.2	95.4	75.2	80.4	86.8
SS8404	64.8	69.1	76.0	69.9	81.6	85.0	67.0	74.6	79.6
SS8641	70.1	73.1	76.5	81.2	84.8	87.6	74.9	78.3	80.9
TV8558	66.6	73.0	74.6	88.1	89.1	95.2	75.8	80.1	82.9
TV8589	.	.	.	79.8	79.6	84.0	.	.	.
TV8861	.	.	.	.	**103.1**	**102.8**	.	.	.
TVX8460	.	.	60.7	.	.	81.3	.	.	68.9
TVX8525	.	.	76.7	.	.	90.3	.	.	82.1
TVX8535	.	.	76.9	.	.	90.1	.	.	82.2
TVX8626	.	.	76.4	.	.	98.0	.	.	85.0
TVX8848	.	.	.	.	.	99.5	.	.	.
USG 3209	63.1	73.7	81.2	85.8	**95.4**	101.2	72.9	**83.3**	**89.2**
USG 3251	.	70.6	75.3	.	**94.9**	96.4	.	81.4	83.7
USG 3409	.	.	79.6	.	.	97.4	.	.	86.7
USG 3438	.	70.3	73.7	.	91.4	99.4	.	79.7	84.0
USG 3452	.	71.6	73.6	.	89.3	98.7	.	79.4	83.7
USG 3555	.	73.0	78.6	.	94.4	101.1	.	82.5	87.6
USG 3592	.	72.6	74.7	78.6	88.0	90.5	.	79.4	81.0

Summary of Wheat Yields: Georgia, 2010-2011 with Two- and Three-Year Averages (Continued)

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average[5]	2-Year Average[6]	2011	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011
	bu/acre								
USG 3665	.	74.0	76.5	.	86.7	97.5	.	79.6	84.9
USG 3770	.	**76.2**	79.4	.	91.4	95.6	.	83.0	85.9
VA05W-139	.	.	74.8	.	.	87.9	.	.	80.0
Average	67.3	71.3	73.8	80.5	87.6	92.7	73.1	78.5	81.4
LSD at 10% Level	2.9	3.0	4.1	6.0	8.3	9.9	3.1	4.1	4.7
Std. Err. of Entry Mean	10.3	8.2	8.3	15.6	16.2	13.0	13.4	13.4	11.1

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.
2. Tifton, Plains, and Midville.
3. Griffin and Calhoun.
4. All five sites included in average except Midville 2010.
5. All three sites included in average except Midville 2010.
6. All three sites included in average except Midville 2010.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Summary of Late-Planted Wheat Yields: Georgia, 2010-2011 with Two- and Three-Year Averages

	Yield[1]		
	South[2]		
Brand-Variety	3-Year Average	2-Year Average	2011
	---------- bu/acre ----------		
AGS 2060	**48.1**	**46.0**	51.4
Arcadia	.	**44.0**	50.7
Coker 9700	42.2	**46.3**	54.3
Fleming	**49.1**	**43.1**	49.6
GA031238-7E34	.	.	50.6
GA03136-10EEL9	.	.	**54.0**
GA031389-10EEL18	.	.	46.1
GA03580-10EEL15	.	.	**55.7**
Jamestown	**48.9**	**45.5**	51.4
NF95134A	.	.	37.7
NF96131	.	.	43.7
Progeny 117	40.7	**43.2**	50.5
SL1003	.	.	47.6
SL1006	.	.	50.2
SS520	40.7	**41.5**	46.3
USG 3209	45.4	**47.9**	**58.1**
USG 3409	.	.	51.3
USG 3452	.	**39.3**	43.5
USG 3555	.	**43.7**	**54.1**
USG 3665	.	**42.0**	48.0
USG 3770	.	**44.7**	48.0
VA05W-139	.	.	44.2
Average	45.0	43.9	49.4
LSD at 10% Level	2.9	N.S.[3]	6.3
Std. Err. Of Entry Mean	15.6	16.7	19.0

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.
2. Tifton, Plains, and Midville.
3. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Plains, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2010-2011

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Leaf Rust[2]
	bu/acre	lb/bu	Julian days[3]	in	rating
LA03217D-P2	**105.9**	62.1	85	34	0
VA05W-151	**104.7**	61.8	90	32	0
VA07W-429	**104.0**	55.8	89	33	0
USG 3555	**98.8**	57.9	88	30	1
VA08W-294	**98.5**	59.3	91	34	0
VA08MAS-412	**96.5**	56.4	89	33	0
MO080104	92.7	62.0	90	39	3
Coker 9553	91.6	60.9	88	36	0
GA021245-9E16	91.6	60.9	88	37	0
B05*0154	91.2	58.6	95	34	0
M05-1526	91.1	58.5	91	39	3
AGS 2000	90.4	59.1	88	36	0
LA02015E201	89.3	61.7	85	33	0
NC07-24445	89.3	57.9	90	35	0
LA02015E42	87.8	58.2	86	29	0
TN1002	86.5	58.8	88	36	5
G09308	86.4	61.7	95	36	4
NC07-25169	84.3	62.4	96	30	0
TN1101	84.0	58.7	90	35	2
NC05-19896	81.9	60.1	91	31	0
LA01069D-23-4-4	81.1	61.0	88	34	0
G09418	80.8	61.0	95	37	3
B06*0758	79.6	57.5	92	33	0
GA021338-9E15	77.9	59.2	88	39	0
GA021338-9EE11	77.9	59.7	88	38	0
Pioneer Brand 26R61	76.0	60.6	89	38	0
Y09*12C	72.7	59.5	95	32	0
G09311	68.7	58.7	94	36	2
Average	87.9	59.6	90	35	1
LSD at 5% Level	10.6				

1. Yields calculated as 60 pounds per bushel.
2. Rating: 0 = resistant to 9 = very susceptible.
3. Days from January 1.
4. C.V. = 19.1%.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.05).

Planted:	November 17, 2010.
Harvested:	May 26, 2011.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Greenville sandy loam.
Fertilization:	Preplant: 15 lb N, 30 lb P_2O_5, and 45 lb K_2O/acre.
	Topdress: 75 lb N/acre.

Test conducted by J. Johnson, D. Bland, J. Buck and D. Buntin.

Griffin, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2010-2011

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Stripe Rust[2]
	bu/acre	lb/bu	Julian days[3]	in	rating
VA07W-429	**123.7**	60.1	101	39	0
VA08MAS-412	**115.6**	58.5	101	39	0
B06*0758	**113.7**	58.5	103	38	3
B05*0154	**113.1**	58.2	102	36	2
USG 3555	108.9	59.8	101	35	0
NC05-19896	108.6	62.7	101	35	0
LA01069D-23-4-4	108.0	62.2	100	42	0
VA08W-294	107.5	60.9	102	38	0
TN1002	106.6	61.1	98	38	5
NC07-24445	106.3	60.3	100	38	7
GA021338-9EE11	105.9	58.3	101	40	0
GA021338-9E15	105.8	58.7	101	39	0
Coker 9553	101.5	62.6	99	41	0
LA03217D-P2	101.0	63.2	97	41	1
LA02015E201	100.8	62.9	99	38	0
GA021245-9E16	99.3	61.8	99	38	0
TN1101	98.4	59.6	100	42	7
G09311	97.4	61.3	102	37	3
LA02015E42	96.7	62.4	98	36	0
MO080104	96.0	63.1	102	38	3
Y09*12C	95.0	61.4	103	34	3
G09308	94.8	62.4	101	37	6
Pioneer Brand 26R61	94.2	62.5	101	42	0
AGS 2000	90.3	61.7	99	39	3
G09418	89.9	61.6	102	38	8
VA05W-151	86.3	60.2	100	38	9
M05-1526	68.4	57.5	103	37	9
NC07-25169	55.5	61	101	34	9
Average	99.6	60.9	101	38	3
LSD at 5% Level	11.2				

1. Yields calculated as 60 pounds per bushel.
2. Rating: 0 = resistant to 9 = very susceptible.
3. Days from January 1.
4. C.V. = 6.8%.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.05).

Planted: November 3, 2010.
Harvested: May 26, 2011.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Cecil sandy loam.
Fertilization: Preplant: 15 lb N, 30 lb P_2O_5, and 45 lb K_2O/acre.
Topdress: 75 lb N/acre.

Test conducted by J. Johnson, D. Bland, J. Buck and D. Buntin.

Triticale and Rye

Tifton, Georgia:
Triticale and Rye Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Triticale									
Trical 342	**87.3**	**97.1**	1	**98.4**	52.0	52	0	03/26	100
NCPT01-1433	**67.8**	**71.4**	3	65.4	49.7	47	0	03/30	100
NC05-2651	.	.	2	83.7	54.1	45	0	03/29	100
Average	77.5	84.2		82.5 [2]	51.9	48	0	03/28	100
LSD at 10% Level	N.S.[3]	N.S.		8.3	1.4	2	-	01	-
Std. Err. of Entry Mean	5.1	4.0		3.0	0.5	1	-	01	-
Rye									
Wrens 96	**34.8**	**39.6**	3	41.8	53.1	84	20	03/16	85
Bates RS4	**33.3**	**43.0**	2	47.8	55.2	78	6	03/15	95
Florida 401	.	**48.5**	1	**56.3**	55.2	78	10	03/03	100
Wrens Abruzzi	.	**39.0**	4	40.0	55.4	82	6	03/14	90
Average	34.0	42.5		46.5 [4]	54.7	81	11	03/12	93
LSD at 10% Level	N.S.	N.S.		4.2	1.2	-	2	01	N.S.
Std. Err. of Entry Mean	1.6	1.3		1.6	0.5	-	1	01	6

1. Tritiacle: Yields calculated as 48 pounds per bushel at 13.0% moisture.
   Rye: Yields calculated as 56 pounds per busel at 13.0% moisture.
2. C.V. = 7.3%, and df for EMS = 6.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.
4. C.V. = 7.1%, and df for EMS = 9.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 18, 2010.

Harvested: May 17, 2011

Seeding Rate: Triticale: 22 seeds per foot in 7"rows.
Rye: 18 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: Triticale: P = Medium, K = Medium, and pH = 5.7.
Rye: P = Medium, K = Medium, and pH = 6.1.

Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.
Topdress: 60 lb N/acre on Jan. 28, 2011 and 60 lb N/acre on Feb. 9, 2011..

Management: Chisel plowed, disked and rototilled.

Previous Crop: Triticale: Grain Sorghum and Corn.
Rye: Sorghum Sudan Forage.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Triticate Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Trical 342	**90.8**	**93.9**	1	**99.1**	51.1	50	0	04/01	100
NCPT01-1433	71.5	**76.9**	3	78.3	51.9	46	0	04/01	100
NC05-2651	.	.	2	94.7	55.0	44	0	03/31	100
Average	81.1	85.4		90.7 [2]	52.7	47	0	04/01	100
LSD at 10% Level	3.2	N.S.[3]		3.5	0.6	2	-	N.S.	-
Std. Err. of Entry Mean	2.1	0.9		1.3	0.2	1	-	01	-

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 2.8%, and df for EMS = 6.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 19, 2010.

Harvested: May 23, 2011.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre

Management: Subsoiled, disked and rototilled.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Midville, Georgia:
Triticale Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average[2]	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Trical 342	.	**78.4**	1	**82.6**	52.0	51	0	04/02	100
NCPT01-1433	.	66.0	3	70.6	52.9	45	0	04/04	100
NC05-2651	.	.	2	**74.0**	54.4	42	0	03/30	100
Average	.	72.2		75.7 [3]	53.1	46	0	04/02	100
LSD at 10% Level		9.3		8.6	1.0	2	-	02	-
Std. Err. of Entry Mean		3.4		3.1	0.4	1	-	01	-

1. Tritiacle: Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. 2-year average: 2009 and 2011.
3. C.V. = 8.3%, and df for EMS = 6.
4. C.V. = %, and df for EMS = .

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 22, 2010.

Harvested: May 24, 2011.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 5.6.

Fertilization: Preplant: 36 lb N, 92 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 65 lb N/acre.

Management: Subsoiled, disked and rototilled; lime applied 1 ton/acre.

Previous Crop: Soybeans.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia:
Triticale and Rye Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Triticale									
Trical 342	**94.5**	**112.0**	1	**118.6**	52.8	54	0	03/30	100
NCPT01-1433	**81.5**	**83.9**	2	104.7	54.2	49	0	04/04	99
NC05-2651	.	.	3	100.0	55.0	50	0	04/05	99
Average	88.0	97.9		107.8 [2]	54.0	51	0	04/02	99
LSD at 10% Level	N.S.[3]	N.S.		4.9	1.2	2	-	01/01	-
Std. Err. of Entry Mean	3.9	5.5		1.8	0.4	1	-	01/01	-
Rye									
Bates RS4	**45.8**	**52.2**	3	64.6	53.9	61	40	04/09	99
Wrens 96	**45.6**	**49.5**	2	**71.6**	55.6	68	20	04/09	98
Wrens Abruzzi	.	**58.0**	1	**80.3**	55.4	66	20	04/10	98
Florida 401	.	**43.7**	4	61.8	54.9	65	20	04/05	100
Average	45.7	50.8		69.6 [4]	54.9	65	25	04/08	98
LSD at 10% Level	N.S.	N.S.		12.4	0.9	4	10	N.S.	-
Std. Err. of Entry Mean	2.8	2.7		4.8	0.4	2	1	03	-

1. Tritiacle: Yields calculated as 48 pounds per bushel at 13.0% moisture.
   Rye: Yields calculated as 56 pounds per busel at 13.0% moisture.
2. C.V. = 3.4%, and df for EMS = 6.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.
4. C.V. = 13.8%, and df for EMS = 9.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: Triticale: October 27, 2010.
Rye: October 22, 2010.

Harvested: May 25, 2011.

Seeding Rate: Triticale: 22 seeds per foot in 7" rows.
Rye: 18 seeds per foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = High, K = Very High, and pH = 6.0.

Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress - Triticale: 70 lb N/acre.
Topdress - Rye: 60 lb N/acre..

Management: Moldboard plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Summary of Triticale Yields: Georgia, 2010-2011 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011
	bu/acre								
NC05-2651	.	.	84.1	.	.	100.0	.	.	88.1
NCPT01-1433	68.7	73.4	71.4	81.5	83.9	104.7	72.2	76.4	79.7
Trical 342	**86.4**	**92.9**	**93.4**	**94.5**	**112.0**	**118.6**	**88.6**	**98.4**	**99.7**
Average	77.6	83.2	83.0	88.0	98.0	107.8	80.4	87.4	89.2
LSD at 10% Level	3.5	4.1	3.7	10.1	15.4	4.9	3.6	4.9	2.9
Std. Err. of Entry Mean	10.4	8.9	6.3	15.4	16.2	3.3	12.4	12.3	5.4

1. Yields calculated at 48 pounds per bushel at 13.0% moisture.
2. Tifton, Plains, and Midville.
3. Griffin.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Summary of Rye Yields: Georgia, 2010-2011 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011
	bu/acre								
Bates RS4	**33.3**	**43.0**	47.8	**45.8**	**52.2**	64.6	**39.5**	**47.6**	**56.2**
Florida 401	.	**48.5**	**56.3**	.	**43.7**	61.8	.	**46.1**	**59.1**
Wrens 96	**34.8**	**39.6**	41.8	**45.6**	**49.5**	**71.6**	**40.2**	**44.5**	**56.7**
Wrens Abruzzi	.	**39.0**	40.0	.	**58.0**	**80.3**	.	**48.5**	**60.1**
Average	34.1	42.5	46.5	45.7	50.9	69.6	39.9	46.7	58.0
LSD at 10% Level	N.S.[4]	N.S.	4.2	N.S.	N.S.	17.4	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	9.5	8.7	7.1	12.0	15.3	12.0	11.3	13.1	12.3

1. Yields calculated at 56 pounds per bushel at 13.0% moisture.
2. Tifton.
3. Griffin.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Oat

Tifton, Georgia:
Oat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
NC03-2421	**131.6**	**139.0**	2	**133.6**	33.2	50	10	04/03	75
Horizon 270	**125.4**	**137.7**	1	**137.4**	31.9	47	3	03/29	85
Horizon 201	**122.7**	**129.9**	9	103.8	28.6	53	53	03/31	95
TAMO 406	**111.1**	**119.8**	10	102.4	31.5	54	18	04/05	75
LA03063-S4	**106.3**	**120.1**	5	117.9	30.7	47	0	04/05	80
NC02-8331	.	**134.2**	3	**126.8**	32.5	44	0	04/06	80
SS76-40	.	**103.7**	8	105.6	32.1	49	8	04/04	85
NC01-3497	.	.	4	119.6	32.7	47	3	04/03	75
LA05006-65-S1	.	.	6	116.1	32.3	51	13	04/02	80
FL0522-92-S1	.	.	7	110.5	32.7	50	25	04/03	80
NF95418	.	.	11	91.1	32.7	55	35	04/03	80
NF27	.	.	12	41.6	30.0	59	53	04/01	75
Average	119.4	126.3		108.9 [2]	31.7	50	18	04/03	80
LSD at 10% Level	N.S.[3]	N.S.		13.0	2.3	2	24	01	N.S.
Std. Err. of Entry Mean	6.4	4.4		5.4	1.0	1	10	01	6

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 10.0%, and df for EMS = 33.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 18, 2010.

Harvested: May 17, 2011.

Seeding Rate: 11 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 6.1.

Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.
Topdress: 60 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Sorghum sudan forage.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Oat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 201	**130.1**	**128.5**	1	**139.4**	29.8	50	3	04/06	100
NC03-2421	121.6	**117.9**	7	123.1	27.5	41	0	04/09	100
Horizon 270	118.5	**117.0**	2	**135.0**	29.7	40	0	04/06	95
TAMO 406	113.0	**107.0**	11	112.3	28.1	44	1	04/10	95
LA03063-S4	109.8	**107.5**	10	114.3	27.7	39	0	04/08	100
NC02-8331	.	**112.2**	9	117.1	25.4	37	0	04/10	80
SS76-40	.	**105.9**	5	124.5	28.3	42	0	04/10	100
LA05006-65-S1	.	.	3	**132.9**	29.7	43	0	04/08	100
NC01-3497	.	.	4	127.1	25.4	40	0	04/09	75
FL0522-92-S1	.	.	6	123.9	32.6	43	0	04/09	90
NF95418	.	.	8	119.6	33.5	44	8	04/07	90
NF27	.	.	12	87.2	28.8	51	23	04/07	95
Average	118.6	113.7		121.4 [2]	28.9	43	3	04/08	93
LSD at 10% Level	6.5	N.S.[3]		11.3	1.0	2	6	01	9
Std. Err. of Entry Mean	2.7	3.0		4.7	0.4	1	2	01	4

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 7.8%, and df for EMS = 33.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 19, 2010.

Harvested: May 23, 2011.

Seeding Rate: 11 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.

Topdress: 80 lb N/acre.

Management: Subsoiled, disked and rototilled.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Midville, Georgia:
Oat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
NC03-2421	**71.2**	**50.2**	4	**75.3**	29.1	35	0	04/05	80
Horizon 270	**70.8**	**52.0**	8	**70.9**	27.4	35	0	04/04	80
TAMO 406	**62.1**	**53.1**	3	**76.3**	28.3	37	0	04/07	90
Horizon 201	**61.6**	**44.9**	12	**64.8**	27.2	38	0	04/04	85
LA03063-S4	**56.9**	**47.5**	6	**71.9**	27.5	34	0	04/05	95
NC02-8331	.	**52.6**	5	**72.8**	27.2	32	0	04/08	80
SS76-40	.	.	1	**80.8**	26.5	36	0	04/08	100
NF27	.	.	2	**78.3**	27.4	45	0	04/05	90
NC01-3497	.	.	7	**71.6**	27.7	36	0	04/07	80
LA05006-65-S1	.	.	9	**70.3**	26.6	36	0	04/04	85
FL0522-92-S1	.	.	10	**69.8**	27.8	39	0	04/06	80
NF95418	.	.	11	**67.3**	26.7	45	0	04/05	90
Average	64.5	50		72.5 [2]	27.4	37	0	04/06	86
LSD at 10% Level	N.S.[3]	N.S.		N.S.	2.2	3	-	02	N.S.
Std. Err. of Entry Mean	3.6	5.9		7.3	0.9	1	-	01	6

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 20.2%, and df for EMS = 33.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 22, 2010.

Harvested: May 24, 2011.

Seeding Rate: 11 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 5.6.

Fertilization: Preplant: 36 lb N, 92 lb P_2O_5, and 120 lb K_2O/acre.

Topdress: 65 lb N/acre.

Management: Subsoiled, disked and rototilled.

Previous Crop: Soybeans.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia:
Oat Grain Performance, 2010-2011

	Yield[1]		2011 Data						
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
NC03-2421	**130.8**	**116.6**	2	**136.4**	31.0	43	0	04/10	90
Horizon 270	**124.6**	**117.7**	4	126.5	32.2	43	0	04/09	91
LA03063-S4	**121.7**	**118.1**	6	116.8	32.7	43	0	04/09	94
Horizon 201	**116.2**	**97.6**	9	104.7	31.0	50	0	04/10	95
TAMO 406	**109.5**	**108.7**	8	106.1	32.2	45	0	04/12	93
SS76-40	**90.9**	**73.2**	5[T]	122.6	33.5	44	0	04/10	98
NC02-8331	.	**119.3**	3	134.8	31.3	39	0	04/07	90
NC01-3497	.	.	1	**146.8**	31.4	44	0	04/05	90
FL0522-92-S1	.	.	5[T]	122.6	32.5	48	0	04/10	94
LA05006-65-S1	.	.	7	108.0	33.3	49	0	04/09	93
NF95418	.	.	10	97.2	32.3	51	0	04/06	93
NF27	.	.	11	71.8	27.8	53	0	04/09	91
Average	115.6	107.3		116.2 [2]	31.8	46	0	04/09	93
LSD at 10% Level	N.S.[3]	N.S.		11.8	1.9	2	-	N.S.	-
Std. Err. of Entry Mean	2.6	3.4		4.9	0.8	1	-	02	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 9.5%, and df for EMS = 33.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 22, 2010.

Harvested: May 31, 2011.

Seeding Rate: 11 seeds per foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = High, K = Very High, and pH = 6.0.

Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 70 lb N/acre.

Management: Moldboard plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Oat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 201	**130.2**	**140.6**	1	**163.4**	32.2	52	20	.	100
NC03-2421	**126.9**	**141.0**	2	**160.5**	33.4	46	0	.	97
Horizon 270	**118.4**	**121.4**	4	**143.2**	33.3	44	0	.	97
LA03063-S4	**110.8**	**115.9**	6	123.8	33.9	43	0	.	97
TAMO 406	**103.0**	**109.8**	9	120.1	33.4	46	40	.	93
SS76-40	**98.2**	**122.3**	11	117.8	31.5	47	40	.	93
NC02-8331	.	**124.1**	3	**149.3**	34.4	43	0	.	97
FL0522-92-S1	.	.	5	**142.2**	35.5	49	0	.	90
NC01-3497	.	.	7	123.4	31.8	44	40	.	90
LA05006-65-S1	.	.	8	121.7	34.4	51	40	.	93
NF95418	.	.	10	120.0	33.6	56	40	.	97
NF27	.	.	12	67.2	30.0	54	60	.	93
Average	114.6	125.0		129.4 [2]	33.1	48	23	.	95
LSD at 10% Level	N.S.[3]	N.S.		29.0	1.2	3	3		-
Std. Err. of Entry Mean	5.4	6.0		11.9	0.5	1	1		-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 16.0%, and df for EMS = 22.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 14, 2010.

Harvested: June 2, 2011.

Seeding Rate: 11 seeds per foot in 7" rows.

Soil Type: Wax loam.

Soil Test: P = High, K = High, and pH = 6.4.

Fertilization: Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.

Topdress: 70 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett, G. Ware and J. Stubbs.

Quincy, Florida:
Oat Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 201	**125.9**	**123.7**	4	127.5	32.0	46	33	03/29	100
NC03-2421	**120.7**	**108.0**	3	128.1	31.6	39	10	04/02	100
Horizon 270	**113.0**	**106.9**	2	129.1	31.8	39	3	03/30	100
TAMO 406	102.4	**99.3**	10	112.8	31.8	40	18	04/05	100
LA03063-S4	100.8	**95.2**	9	114.8	32.0	39	3	04/03	100
NC02-8331	.	**112.4**	5	125.5	29.6	34	0	04/04	100
SS76-40	.	**68.0**	11	108.4	33.0	40	5	04/03	100
LA05006-65-S1	.	.	1	**141.8**	34.2	42	5	03/30	100
NF95418	.	.	6	124.3	36.8	44	13	03/30	100
FL0522-92-S1	.	.	7	123.8	33.3	43	15	03/30	100
NC01-3497	.	.	8	115.2	30.7	38	3	04/03	100
NF27	.	.	12	67.9	30.9	49	50	03/31	100
Average	112.6	101.9		118.2 [2]	32.3	41	13	04/01	100
LSD at 10% Level	7.3	N.S.[3]		9.3	-	3	10	-	-
Std. Err. of Entry Mean	5.3	3.2		3.9	-	1	4	-	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 6.6%, and df for EMS = 33.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 9, 2010.

Harvested: June 1, 2011.

Seeding Rate: 11 seeds per foot in 7" rows.

Soil Type: Orangeburg loamy sand.

Soil Test: P = Medium, K = Low, and pH = 6.2.

Fertilization: Preplant: 54 lb N, 27 lb P_2O_5, and 54 lb K_2O/acre.

Topdress: 50 lb N/acre.

Management: Disked; Buctril and Harmony Extra used for weed control.

Test conducted by J. Jones and R. Barnett.

Summary of Oat Yields:
Georgia, 2010-2011 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average[5]	2-Year Average[6]	2011	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011
	bu/acre								
FL0522-92-S1	.	.	101.4	.	.	**132.4**	.	.	113.8
Horizon 201	**114.8**	**116.3**	102.7	**123.2**	**119.1**	**134.0**	**118.4**	**117.5**	115.2
Horizon 270	**113.9**	**116.0**	**114.4**	**121.5**	**119.5**	**134.9**	117.1	**117.6**	**122.6**
LA03063-S4	99.5	105.4	101.3	**116.3**	**117.0**	120.3	106.7	110.5	108.9
LA05006-65-S1	.	.	**106.4**	.	.	114.9	.	.	109.8
NC01-3497	.	.	**106.1**	.	.	**135.1**	.	.	**117.7**
NC02-8331	.	**113.1**	105.6	.	**121.7**	**142.1**	.	**116.9**	**120.2**
NC03-2421	**118.5**	**117.8**	**110.7**	**128.8**	**128.8**	**148.5**	**122.9**	**122.7**	**125.8**
NF27	.	.	69.0	.	.	69.5	.	.	69.2
NF95418	.	.	92.6	.	.	108.6	.	.	99.0
SS76-40	.	100.0	103.7	**94.6**	**97.7**	120.2	.	99.0	110.3
TAMO 406	103.6	106.0	97.0	**106.2**	**109.2**	113.1	104.7	107.4	103.4
Average	110.1	110.7	100.9	115.1	116.1	122.8	114.0	113.1	109.7
LSD at 10% Level	4.8	6.1	8.1	N.S.[7]	N.S.	18.4	5.0	6.7	8.4
Std. Err. of Entry Mean	10.6	10.5	11.8	19.6	19.2	16.9	14.1	15.1	14.4

1. Yields calculated at 32 pounds per bushel at 12.5% moisture.
2. Tifton, Plains, and Midville.
3. Griffin and Calhoun.
4. All five sites except Midville 2010.
5. Tfton, Plains, and Midville 2011.
6. All three years Tifton, Plains and Midville 2009, 2011.
7. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Barley

Plains, Georgia:
Barley Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Thoroughbred	**86.8**	**85.6**	1	**102.1**	44.5	35	0	04/05	100
Dan	69.0	**69.2**	4	81.8	58.4	36	0	04/07	80
VA06B-19	.	.	2	**97.9**	45.3	29	3	04/03	85
Price	.	.	3	**94.3**	46.1	29	5	04/03	75
Average	77.9	77.4		94.0 [2]	48.6	32	2	04/04	85
LSD at 10% Level	6.8	N.S.[3]		8.5	1.6	2	N.S.	01	11
Std. Err. of Entry Mean	2.6	2.4		3.3	0.3	1	2	01	4

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 7.8%, and df for EMS = 9.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 19, 2010.

Harvested: May 23, 2011.

Seeding Rate: 15 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.

Management: Subsoiled, disked and rototilled.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Calhoun, Georgia:
Barley Grain Performance, 2010-2011

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2011 Data Rank	2011 Data Yield[1]	2011 Data Test Wt	2011 Data Ht	2011 Data Lodg.	2011 Data Head Date	2011 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Thoroughbred	**111.4**	**127.8**	1	**129.7**	50.3	38	3	.	100
Dan	**92.5**	99.9	4	101.2	61.5	36	5	.	100
Price	.	.	2	**112.5**	50.6	34	3	.	100
VA06B-19	.	.	3	106.9	49.2	34	15	.	100
Average	101.9	113.9		112.6 [2]	52.9	35	6	.	100
LSD at 10% Level	N.S.[3]	14.1		19.2	0.7	N.S.	8		-
Std. Err. of Entry Mean	3.7	5.2		7.4	0.2	1	3		-

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 13.2%, and df for EMS = 9.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 14, 2010.

Harvested: June 2, 2011.

Seeding Rate: 15 seeds per foot in 7" rows.

Soil Type: Etowah loam.

Soil Test: P = High, K = High, and pH = 6.4.

Fertilization: Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.
Topdress: 70 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett, G. Ware and J. Stubbs.

Summary of Barley Yields: Georgia, 2010-2011 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011	3-Year Average	2-Year Average	2011
	bu/acre								
Dan	**69.0**	**69.2**	81.8	92.5	99.9	101.2	80.8	84.6	91.5
Price	.	.	**94.3**	.	.	**112.5**	.	.	103.4
Thoroughbred	**86.8**	85.6	**102.1**	**111.4**	**127.8**	**129.7**	**99.1**	**106.7**	**115.9**
VA06B-19	.	.	**97.9**	.	.	106.9	.	.	102.4
Average	77.9	77.4	**94.0**	102.0	113.9	112.6	90.0	95.7	103.3
LSD at 10% Level	6.8	N.S.[4]	8.5	9.5	14.1	19.2	5.5	7.1	9.9
Std. Err. of Entry Mean	11.7	8.8	7.0	12.4	12.8	13.2	12.3	11.9	11.1

1. Yields calculated at 48 pounds per bushel at 12.0% moisture.
2. Plains.
3. Calhoun.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Wheat

Tifton, Georgia:
Wheat Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-06-11	2-24-11	3-17-11	4-07-11	2011	2-Yr Avg
	lb/acre					
Oglethorpe	**1568**	**2102**	**2265**	**1590**	**7525**	**6113**
GA001138-8E36	**1252**	**2287**	1634	**1808**	6981	.
Fleming	**1590**	**2298**	1296	**1677**	6861	.
USG 3592	1078	1655	**2341**	**1721**	6795	**5735**
Coker 9553	959	1797	**2298**	1546	6599	**5781**
Magnolia	**1412**	1786	1982	1416	6595	**5554**
GA00067-8E35	860	1601	**2233**	**1656**	6349	.
Jamestown	959	1710	2037	**1568**	6273	.
SS8641	**1455**	1655	1841	1285	6236	**5528**
Roberts	1220	1492	2102	1394	6207	**5670**
NF96131	1089	1470	2069	1547	6175	.
GA-Gore	991	1884	1808	1459	6142	**5011**
SS8308	1138	1198	**2244**	1547	6126	.
GA031238-7E34	1024	1644	1710	**1699**	6077	**5423**
NF95134A	959	1743	1765	1437	5903	**5582**
Pioneer 26R61	1089	1695	1775	1285	5845	**5105**
Dyna-Gro Baldwin	1034	1612	1710	1351	5706	**4959**
Average	1157	1743	1947	1528	6376 [1]	5496
LSD at 10% Level	290	267	194	243	499	N.S.[2]
Std. Err. of Entry Mean	122	113	82	102	210	200

1. C.V. = 6.6%, and df for EMS = 48.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 19, 2010.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.4.

Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.

Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Chisel plowed and rototilled.

Previous Crop: Corn.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Wheat Forage Performance, 2010-2011

	Dry Matter Yield			
	Harvest Date		Season Totals	
Brand-Variety	2-16-11	3-17-11	2011	2-Yr Avg
	---------- lb/acre ----------			
Jamestown	3062	**3572**	**6634**	.
Dyna-Gro Baldwin	3049	**3517**	**6567**	**6206**
GA001138-8E36	3289	3234	**6523**	.
Magnolia	3060	**3452**	**6512**	**6114**
Fleming	**4356**	2123	**6479**	.
SS8641	3038	**3420**	**6458**	**6404**
USG 3592	2810	**3420**	**6229**	**6438**
GA-Gore	2646	**3507**	6153	**5764**
Roberts	2919	**3224**	6142	**6110**
GA031238-7E34	2930	3060	5990	**5691**
GA00067-8E35	2363	**3518**	5881	.
Coker 9553	2276	**3572**	5848	**5718**
Pioneer 26R61	2439	**3310**	5750	**6187**
Oglethorpe	2309	**3398**	5706	**6140**
SS8308	2254	3158	5412	.
Average	2853	3299	6152 [1]	6077
LSD at 10% Level	378	279	462	N,S,[2]
Std. Err. of Entry Mean	159	117	194	275

1. C.V. = 6.3%, and df for EMS = 42.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 20, 2010.
Seeding Rate:	27 seed/foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = High, K = High, and pH = 6.5.
Fertilization:	Preplant: 40 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
	Topdress: 40 lb N/acre after 1st harvest.
Management:	Disked, subsoiled and rototilled.
Previous Crop:	Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn, and R. Pines.

Griffin, Georgia:
Wheat Forage Performance, 2010-2011

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	1-24-11	2-25-11	3-22-11	2011	2-Yr Avg
	---------- lb/acre ----------				
GA031238-7E34	**3014**	**2080**	**5730**	**10823**	**7798**
Coker 9553	**2955**	**2063**	**5593**	**10611**	**7964**
USG 3592	**2984**	**1565**	**5966**	**10515**	**8235**
NF95134A	2321	**1789**	**6118**	**10227**	**7763**
Jamestown	**3297**	**1981**	4939	**10217**	.
NF96131	**2824**	**1494**	**5883**	**10202**	.
SS8641	**3319**	**1544**	**5215**	**10078**	**8094**
GA-Gore	**3534**	**1407**	**5096**	**10037**	**7551**
Oglethorpe	**2747**	**1513**	**5260**	**9520**	**7709**
Magnolia	**3203**	**1552**	4568	**9323**	**7873**
Roberts	**3188**	**1521**	4594	**9303**	**7538**
GA00067-8E35	2160	**1302**	**5721**	9183	.
Dyna-Gro Baldwin	**2986**	**1526**	4474	8986	**7223**
SS8308	1692	**1212**	**6061**	8965	.
GA001138-8E36	**3353**	**1443**	3841	8637	.
Pioneer 26R61	2201	**1422**	4727	8350	**6927**
Fleming	**3221**	**1172**	3443	7836	.
Average	2882	1564	5131	9577 [1]	7698
LSD at 10% Level	810	N.S.[2]	1090	1560	N.S.
Std. Err. of Entry Mean	342	224	460	658	530

1. C.V. = 13.7%, and df for EMS = 48.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 5, 2010.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = Very High, K = Very High, and pH = 5.8.

Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.

Topdress: 50 lb N/acre after 1st and 2nd harvests.

Management: Moldboard plowed, disked, and rototilled.

Previous Crop: Sunflowers.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Wheat Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	2-03-11	2-22-11	3-21-11	4-11-11	2011	2-Yr Avg
	lb/acre					
GA031238-7E34	.	**998**	4152	**989**	**6138**	**5373**
Oglethorpe	.	627	**4609**	811	**6047**	**5551**
USG 3592	.	397	**4417**	**1169**	**5982**	**6000**
Coker 9553	.	436	**4492**	962	**5889**	**5530**
GA001138-8E36	.	**1260**	3933	687	**5880**	.
GA00067-8E35	.	287	**4709**	854	**5849**	.
GA-Gore	.	382	**4452**	**1004**	**5838**	**5487**
SS8641	.	655	4112	**1008**	**5775**	**5695**
Fleming	1633	142	3584	398	**5757**	.
Roberts	.	580	**4264**	911	**5755**	**5502**
SS8308	.	190	**4599**	750	**5538**	.
Pioneer 26R61	.	766	3952	773	**5491**	**5152**
Magnolia	.	450	3982	**1053**	**5485**	**5357**
Jamestown	.	456	4060	776	**5292**	.
Dyna-Gro Baldwin	.	779	3757	687	**5223**	**5236**
Average	1633	560	4205	855	5729 [1]	5488
LSD at 10% Level	-	328	460	186	N.S.[2]	N.S.
Std. Err. of Entry Mean	-	138	193	78	298	266

1. C.V. = 10.4%, and df for EMS = 42.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 9, 2010

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

Soil Test: P = Medium, K = High, and pH = 6.4.

Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.

Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.

Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary:
Wheat Forage Performance, 2010-2011
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg
	lb/acre											
Coker 9553	6599	**5781**	**4614**	5848	**5718**	5015	**10611**	**7964**	**6139**	**7686**	**6487**	5256
Dyna-Gro Baldwin	5706	**4959**	.	**6567**	**6206**	.	8986	**7223**	.	**7086**	**6129**	.
Fleming	6861	.	.	**6479**	.	.	7836	.	.	**7059**	.	.
GA-Gore	6142	**5011**	.	6153	**5764**	.	**10037**	**7551**	.	**7444**	**6109**	.
GA00067-8E35	6349	.	.	5881	.	.	9183	.	.	**7137**	.	.
GA001138-8E36	6981	.	.	**6523**	.	.	8637	.	.	**7380**	.	.
GA031238-7E34	6077	**5423**	.	5990	**5691**	.	**10823**	**7798**	.	**7630**	**6304**	.
Jamestown	6273	.	.	**6634**	.	.	**10217**	.	.	**7708**	.	.
Magnolia	6595	**5554**	.	**6512**	**6114**	.	**9323**	**7873**	.	**7477**	**6513**	.
NF95134A	5903	**5582**	.	.	.	.	**10227**	**7763**	.	.	.	.
NF96131	6175	.	.	.	.	.	**10202**	.	.	.	.	.
Oglethorpe	**7525**	**6113**	.	5706	**6140**	.	**9520**	**7709**	.	**7584**	**6654**	.
Pioneer 26R61	5845	**5105**	**4330**	5750	**6187**	**5458**	8350	**6927**	**5892**	**6648**	**6073**	5226
Roberts	6207	**5670**	.	6142	**6110**	.	9303	**7538**	.	**7218**	**6439**	.
SS8308	6126	.	.	5412	.	.	8965	.	.	**6834**	.	.
SS8641	6236	**5528**	**4677**	**6458**	**6404**	**5754**	**10078**	**8094**	**6450**	**7590**	**6675**	**5627**
USG 3592	6795	**5735**	**4729**	**6229**	**6438**	**5818**	**10515**	**8235**	**6524**	**7846**	**6803**	**5690**
Average	6376	**5496**	**4587**	6152	6077	5511	9577	7698	6251	7355	6419	5450
LSD at 10% Level	499	N.S.[1]	N.S.	462	N.S.	383	1560	N.S.	N.S.	N.S.	N.S.	279
Std. Err. of Entry Mean	210	200	128	194	275	159	658	530	292	247	153	118

1. The F-Test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Triticale and Rye

Tifton, Georgia:
Triticale and Rye Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-06-11	2-24-11	3-17-11	4-07-11	2011	2-Yr Avg
	lb/acre					
Triticale						
NCPT01-1433	**1318**	2668	1699	**2265**	**7950**	**6669**
NC05-2651	**1465**	1906	**2309**	1590	**7269**	.
Trical 342	**1220**	**3234**	828	1873	**7155**	5894
Average	1334	2603	1612	1909	7458 [1]	6281
LSD at 10% Level	N.S.[2]	488	173	364	N.S.	590
Std. Err. of Entry Mean	116	178	63	132	261	303
Rye						
Bates RS4	1623	3147	**1296**	**2570**	**8636**	**7158**
Wrens 96	1427	**3916**	**1221**	2004	**8567**	**7063**
Wrens Abruzzi	1483	**3768**	784	1982	**8017**	**6788**
Florida 401	**2723**	2145	741	2135	**7743**	**6544**
Average	1814	3244	1010	2173	8241 [3]	6888
LSD at 10% Level	629	347	312	394	N.S.	N.S.
Std. Err. of Entry Mean	243	134	120	152	362	260

1. C.V. = 7.0%, and df for EMS = 6.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.
3. C.V. = 8.8%, and df for EMS = 9.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 19, 2010.
Seeding Rate: Triticale: 27 seed/foot in 7" rows.
Rye: 36 seed/foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.4.
Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Chisel plowed and rototilled.
Previous Crop: Corn.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Triticale and Rye Forage Performance, 2010-2011

	Dry Matter Yield			
	Harvest Date		Season Totals	
Brand-Variety	2-16-11	3-17-11	2011	2-Yr Avg
	---------- lb/acre ----------			
Triticale				
NC05-2651	2908	**3866**	**6774**	.
Trical 342	**4343**	2407	**6750**	**6723**
NCPT01-1433	3027	**3659**	**6686**	**6837**
Average	3426	3311	6736 [1]	6780
LSD at 10% Level	506	373	N.S.[2]	N.S.
Std. Err. of Entry Mean	184	136	288	355
Rye				
Florida 401	**5543**	2494	**8037**	**7334**
Bates RS4	3550	**3692**	7242	**7228**
Wrens 96	3409	**3703**	7111	**7043**
Wrens Abruzzi	3670	3278	6948	**6861**
Average	4043	3292	7334 [3]	7116
LSD at 10% Level	459	230	456	N.S.
Std. Err. of Entry Mean	177	88	176	178

1. C.V. = 8.5%, and df for EMS = 6.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.
3. C.V. = 4.8%, and df for EMS = 9.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 20, 2010.
Seeding Rate:	Triticale: 27 seed/foot in 7" rows. Rye: 36 seed/foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = High, K = High and pH = 6.5.
Fertilization:	Preplant: 40 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre. Topdress: 40 lb N/acre after 1st harvest.
Management:	Disked, subsoiled and rototilled.
Previous Crop:	Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Marianna, Florida:
Triticale and Rye Forage Performance, 2010-2011

	Dry Matter Yield							
	Harvest Date						Season Totals	
Brand-Variety	2-03-11	2-22-11	3-21-11	4-11-11			2011	2-Yr Avg
	lb/acre							
Triticale								
NC05-2651	.	893	**5204**	**284**			**6380**	.
NCPT01-1433	.	**2196**	3670	**438**			**6304**	**5502**
Trical 342	1807	764	3116	**273**			**5960**	5200
Average	1807	1284	3997	332			6215 [1]	5351
LSD at 10% Level	-	518	411	N.S.[2]			N.S.	210
Std. Err. of Entry Mean	-	188	150	76			125	108
Rye	1-07-11	1-20-11	2-11-11	3-01-11	3-28-11	4-26-11		
Florida 401	1836	**1320**	410	1680	**1462**	**470**	**7178**	**6040**
Bates RS4	.	870	1160	**2739**	1200	346	6314	**5544**
Wrens 96	.	769	**1314**	**2525**	1285	268	6161	**5486**
Wrens Abruzzi	.	723	1052	**2478**	992	246	5491	**5094**
Average	1836	921	984	2355	1235	333	6286 [3]	5541
LSD at 10% Level	-	234	149	281	147	114	432	N.S.
Std. Err. of Entry Mean	-	90	58	109	56	44	166	104

1. C.V. = 4.0%, and df for EMS = 6.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.
3. C.V. = 5.3%, and df for EMS = .9

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 9, 2010

Seeding Rate: Triticale: 27 seed/foot in 7" rows.
Rye: 36 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

Soil Test: P = Medium, K = High, and pH = 6.4.

Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.

Previous Crop: Corn.

Test conducted by J. Jones.

Marianna, Florida:
Triticale and Rye Forage Performance, 2010-2011

	Dry Matter Yield							
	Harvest Date						Season Totals	
Brand-Variety	2-03-11	2-22-11	3-21-11	4-11-11			2011	2-Yr Avg
	lb/acre							
Triticale								
NC05-2651	.	893	**5204**	**284**			**6380**	.
NCPT01-1433	.	**2196**	3670	**438**			**6304**	**5502**
Trical 342	1807	764	3116	**273**			**5960**	5200
Average	1807	1284	3997	332			6215 [1]	5351
LSD at 10% Level	-	518	411	N.S.[2]			N.S.	210
Std. Err. of Entry Mean	-	188	150	76			125	108
Rye	1-07-11	1-20-11	2-11-11	3-01-11	3-28-11	4-26-11		
Florida 401	1836	**1320**	410	1680	**1462**	**470**	**7178**	**6040**
Bates RS4	.	870	1160	**2739**	1200	346	6314	**5544**
Wrens 96	.	769	**1314**	**2525**	1285	268	6161	**5486**
Wrens Abruzzi	.	723	1052	**2478**	992	246	5491	**5094**
Average	1836	921	984	2355	1235	333	6286 [3]	5541
LSD at 10% Level	-	234	149	281	147	114	432	N.S.
Std. Err. of Entry Mean	-	90	58	109	56	44	166	104

1. C.V. = 4.0%, and df for EMS = 6.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.
3. C.V. = 5.3%, and df for EMS = .9

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 9, 2010

Seeding Rate: Triticale: 27 seed/foot in 7" rows.
Rye: 36 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

Soil Test: P = Medium, K = High, and pH = 6.4.

Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.

Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary:
Triticale and Rye Forage Performance, 2010-2011
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg
	lb/acre											
Triticale												
NC05-2651	**7269**	.	.	**6774**	.	.	**10201**	.	.	**8081**	.	.
NCPT01-1433	**7950**	**6669**	**5441**	**6686**	**6837**	**5963**	**11372**	**8186**	**7097**	**8669**	**7230**	**6167**
Trical 342	**7155**	5894	**4875**	**6750**	**6723**	**5595**	**10030**	**7884**	**6983**	**7978**	**6833**	**5818**
Average	7458	6281	5158	6736	6780	5779	10534	8035	7040	8243	7032	5992
LSD at 10% Level	N.S.[1]	590	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	261	303	146	288	355	170	754	630	328	283	185	132
Rye												
Bates RS4	**8636**	**7158**	**6008**	7242	**7228**	**6434**	**10111**	**8261**	**8181**	**8663**	**7549**	**6874**
Florida 401	**7743**	**6544**	**5671**	**8037**	**7334**	**6350**	8440	**6611**	.	**8073**	6830	.
Wrens 96	**8567**	**7063**	**5919**	7111	**7043**	**6161**	**11552**	**9164**	**8558**	**9077**	**7756**	**6879**
Wrens Abruzzi	**8017**	**6788**	.	6948	**6861**	.	9401	**8308**	.	**8122**	7319	.
Average	8241	6888	5866	7334	7116	6315	9876	8086	8370	8484	7363	6877
LSD at 10% Level	N.S.	N.S.	N.S.	456	N.S.	N.S.	1840	N.S.	N.S.	N.S.	357	N.S.
Std. Err. of Entry Mean	362	260	125	176	178	96	710	556	253	272	151	95

1. The F-Test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Tifton, Georgia:
Triticale Silage Performance, 2010-2011

Company or Brand Name	Hybrid Name	Silage Yield Dry	Silage Yield Green	Plant Height	Dry Matter	Lodg.	2-Yr Avg Dry Yield	Head Date	Cold Damage[1]
		tons/acre		in	%	%	tons/acre		%
Resource Seeds	Trical 2700	**5.8**	**11.6**	51	50	0	**5.5**	03/22	1.0
NC State	NCPT01-1433	**5.7**	**10.9**	49	53	0	**6.0**	03/16	1.0
Resource Seeds	Trical 342	**5.6**	**10.4**	49	54	0	**6.0**	03/10	1.0
NC State	NC05-2651	4.3	9.0	39	47	0	.	03/20	1.0
Average		5.3 [2]	10.5 [3]	47	51	0	5.8	03/17	1.0
LSD at 10% Level		1.1	2.2	1	N.S.[4]	-	N.S.	3	-
Std. Err. of Entry Mean		0.4	0.8	1	3	-	0.2	1	-

1. Rated as percent of foliage damaged by low temperature.
2. CV = 15.9%, and df for EMS = 9.
3. CV = 15.5%, and df for EMS = 9.
4. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 19, 2010.

Harvested: April 21, 2011.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.4.

Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.
Topdress: 40 lb N/acre.

Previous Crop: Corn.

Management: Chisel plowed, disked, and rototilled.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia:
Triticale Silage Performance, 2010-2011

Company or Brand Name	Hybrid Name	Silage Yield Dry	Silage Yield Green	Plant Height	Dry Matter	Lodg.	2-Yr Avg Dry Yield	Cold Damage[1]
		tons/acre		in	%	%	tons/acre	%
Resource Seeds	Trical 342	**11.2**	**20.3**	57	55	1.0	7.9	0.0
Resource Seeds	Trical 2700	**10.3**	**20.8**	60	49	1.9	7.0	10.0
NC State	NCPT01-1433	**9.6**	**20.9**	52	46	2.5	6.4	0.0
NC State	NC05-2651	**9.6**	**21.7**	52	45	1.0	.	0.0
Average		10.2 [1]	20.9 [2]	55	49	1.6	7.1	03
LSD at 10% Level		N.S.[3]	N.S.	3	6	0.7	N.S.	-
Std. Err. of Entry Mean		0.6	0.8	1	2	0.3	1.4	-

1. CV = 12.2%, and df for EMS = 9.
2. CV = 7.3%, and df for EMS = 9.
3. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 5, 2010.

Harvested: May 6, 2011.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = Very High, K = Very High, and pH = 5.8.

Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.

Topdress: 100 lb N/acre.

Previous Crop: Sunflowers.

Management: Moldboard plowed, disked, and rototilled.

Test conducted by J. Gassett and G. Ware.

Statewide Summary:
Triticale Silage Performance, 2010-2011
with Two-Year Average

	Yield											
	South[1] 2010		South 2-Yr Avg		North[2] 2010		North 2-Yr Avg		State 2010		State 2-Yr Avg	
Brand-Variety	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry
	tons/acre											
NC05-2651	9.0	4.3	.	.	**21.7**	**9.6**	.	.	**15.3**	**6.9**	.	.
NCPT01-1433	**10.9**	**5.7**	**13.0**	**6.0**	**20.9**	**9.6**	15.1	**6.4**	**15.9**	**7.7**	**14.0**	**6.2**
Trical 342	**10.4**	**5.6**	**12.4**	**6.0**	**20.3**	**11.2**	**15.5**	**7.9**	**15.3**	**8.4**	**13.9**	**6.9**
Trical 2700	**11.6**	**5.8**	**12.0**	**5.5**	**20.8**	**10.3**	**15.8**	**7.0**	**16.2**	**8.0**	**13.9**	**6.3**
Average	10.5	5.4	12.5	5.8	20.9	10.2	15.5	7.1	15.7	7.8	13.9	6.5
LSD at 10% Level	2.2	1.1	N.S.[3]	N.S.	N.S.	N.S.	0.6	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	0.8	0.4	0.5	0.2	0.8	0.8	0.2	0.3	0.6	0.4	0.3	0.2

1. Tifton.
2. Griffin.
3. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Oat

Tifton, Georgia:
Oat Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-06-11	2-24-11	3-17-11	4-07-11	2011	2-Yr Avg
	lb/acre					
LA03063-S4	**1677**	**2015**	1938	**2483**	**8113**	**6258**
RAM LA99016	**1294**	**1906**	**2080**	**2788**	**8068**	**6301**
SS76-40	**1340**	**2069**	**2026**	2418	**7852**	**5935**
Plot Spike LA9339	**1427**	**1743**	**2135**	**2505**	**7808**	**6189**
NF27	1134	**1786**	**1993**	**2744**	**7658**	**6408**
Horizon 201	**1459**	**1797**	1862	**2527**	**7645**	**6290**
NF95418	1111	**1971**	1950	**2570**	**7601**	.
NC01-3497	904	**1852**	**2189**	**2614**	**7558**	.
07-LFWH	**1492**	**1917**	1764	2178	**7351**	.
LA05006-65-S1	1056	1579	**1993**	**2614**	**7242**	.
TAMO 406	1024	1329	1928	**2723**	**7002**	**5633**
FL0522-92-S1	1231	1535	1666	2102	**6534**	.
Average	1262	1791	1960	2522	7536 [1]	6145
LSD at 10% Level	392	340	204	312	N.S.[2]	N.S.
Std. Err. of Entry Mean	164	142	85	130	378	261

1. C.V. = 10.0%, and df for EMS = 33.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 19, 2010.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.4.

Fertilization: Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.

Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Chilse plowed and rototilled.

Previous Crop: Corn.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Oat Forage Performance, 2010-2011

	Dry Matter Yield				
	Harvest Date		Season Totals		Cold
Brand-Variety	2-16-11	3-17-11	2011	2-Yr Avg	Damage[1]
	---------- lb/acre ----------				%
SS76-40	**3180**	**3529**	**6708**	**6730**	0
Horizon 201	**3180**	**3278**	**6458**	**6779**	20
RAM LA99016	**2897**	**3441**	**6338**	**6843**	20
LA05006-65-S1	2692	**3485**	6176	.	40
FL0522-92-S1	2723	**3354**	6077	.	20
07-LFWH	**3289**	2755	6044	.	20
Plot Spike LA9339	2755	3169	5924	**6430**	20
LA03063-S4	2821	3104	5924	**6096**	40
NC01-3497	2124	**3594**	5717	.	20
TAMO 406	1721	**3552**	5274	**6028**	40
Average	2738	3326	6064 [2]	6484	20
LSD at 10% Level	422	391	481	N.S.[3]	02
Std. Err. of Entry Mean	178	162	200	146	04

1. Rated as percent of foliage damaged by low temperature.
2. C.V. = 6.6%, and df for EMS = 27.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 20, 2010
Seeding Rate:	22 seed/foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = High, K = High, and pH = 6.5.
Fertilization:	Preplant: 40 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
	Topdress: 40 lb N/acre after 1st harvest.
Management:	Disked, subsoiled, and rototilled.
Previous Crop:	Peanuts.

Test conducted by A. Coy, r. Brooke, D. Dunn, and R. Pines.

Griffin, Georgia:
Oat Forage Performance, 2010-2011

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	1-24-11	3-14-11	5-06-11	2011	2-Yr Avg
	lb/acre				
SS76-40	1614	**5246**	**6830**	**13690**	**8751**
NF95418	889	4382	**7983**	**13254**	.
07-LFWH	**2224**	2818	**7999**	**13041**	.
RAM LA99016	1260	4165	**7354**	**12780**	**8832**
LA05006-65-S1	1345	3875	**7400**	**12619**	.
NF27	1668	**4717**	6208	**12592**	**8390**
FL0522-92-S1	1333	4067	**7004**	**12404**	.
LA03063-S4	1383	3309	**6878**	11570	**7698**
Horizon 201	**2501**	3892	4702	11095	**7677**
TAMO 406	727	4115	6206	11048	**7573**
Plot Spike LA9339	1256	3674	6079	11008	**7679**
NC01-3497	556	4128	5001	9684	.
Average	1396	4032	6637	12065 [1]	8086
LSD at 10% Level	513	593	1585	1473	N.S.[2]
Std. Err. of Entry Mean	214	248	662	616	471

1. C.V. = 10.2%, and df for EMS = 33.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 5, 2010.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = Very High, K = Very High, and pH = 5.8.

Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.

Topdress: 50 lb N/acre after 1st and 2nd harvests.

Management: Moldboard plowed, disked, and rototilled.

Previous Crop: Sunflowers.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Oat Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-07-11	2-18-11	3-16-11	4-11-11	2011	2-Yr Avg
	lb/acre					
LA05006-65-S1	**1565**	**1098**	3822	1045	**7529**	.
RAM LA99016	811	**1065**	3593	1316	**6786**	**6267**
LA03063-S4	**1809**	**1014**	2964	983	**6769**	**6231**
Horizon 201	**1595**	**997**	3083	1082	**6756**	**6700**
SS76-40	1180	**1204**	3201	1004	**6588**	**6296**
NC01-3497	663	708	**4420**	744	**6535**	.
Plot Spike LA9339	1157	**1043**	3176	943	**6318**	**6026**
07-LFWH	**1624**	740	1571	**2005**	**5939**	.
TAMO 406	641	649	3436	1038	**5764**	**5886**
FL0522-92-S1	723	**1165**	2772	792	**5451**	.
Average	1177	968	3204	1095	6443 [1]	6234
LSD at 10% Level	446	219	401	295	N.S.[2]	N.S.
Std. Err. of Entry Mean	185	91	166	122	236	170

1. C.V. = 7.3%, and df for EMS = 27.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	November 9, 2010.
Seeding Rate:	22 seed/foot in 7" rows.
Soil Type:	Chipola loamy sand.
Soil Test:	P = Medium, K = High, and pH = 6.4.
Fertilization:	Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
	Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.
Management:	Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.
Previous Crop:	Corn.

Test conducted by J. Jones.

Statewide Summary:
Oat Forage Performance, 2010-2011
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg	2011	2-Yr Avg	3-Yr Avg
	lb/acre											
07-LFWH	**7351**	.	.	6044	.	.	**13041**	.	.	**8812**	.	.
FL0522-92-S1	**6534**	.	.	6077	.	.	**12404**	.	.	**8338**	.	.
Horizon 201	**7645**	**6290**	**6429**	**6458**	**6779**	**5490**	11095	**7677**	**7382**	**8399**	6915	**6433**
LA03063-S4	**8113**	**6258**	.	5924	**6096**	.	11570	**7698**	.	**8535**	6684	.
LA05006-65-S1	**7242**	.	.	6176	.	.	**12619**	.	.	**8679**	.	.
NC01-3497	**7558**	.	.	5717	.	.	9684	.	.	**7653**	.	.
NF27	**7658**	**6408**	.	.	.	.	**12592**	**8390**	.	.	.	.
NF95418	**7601**	.	.	.	.	.	**13254**	.	.	.	.	.
Plot Spike LA9339	**7808**	**6189**	**6234**	5924	**6430**	**5249**	11008	**7679**	**7070**	**8247**	6766	6185
RAM LA99016	**8068**	**6301**	**6427**	**6338**	**6843**	**5506**	**12780**	**8832**	**8134**	**9062**	**7326**	**6689**
SS76-40	**7852**	**5935**	**6025**	**6708**	**6730**	**5493**	**13690**	**8751**	**8471**	**9417**	**7139**	**6663**
TAMO 406	**7002**	**5633**	**5827**	5274	**6028**	**5228**	11048	**7573**	**7663**	**7775**	6411	6239
Average	7536	6145	6188	6064	6484	5393	12065	8086	7744	8492	6873	6442
LSD at 10% Level	N.S.[1]	N.S.	N.S.	481	N.S.	N.S.	1473	N.S.	N.S.	N.S.	332	265
Std. Err. of Entry Mean	378	261	175	200	146	108	616	471	270	261	141	113

1. The F-Test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Ryegrass

Tifton, Georgia:
Ryegrass Forage Performance, 2010-2011

	Dry Matter Yield						
	Harvest Date					Season Totals	
Brand-Variety	1-06-11	2-24-11	3-17-11	4-07-11	4-21-11	2011	2-Yr Avg
	lb/acre						
Nelson	**1459**	**2069**	**2821**	**3136**	**1198**	**10683**	**9144**
Early Ploid	1165	**2461**	**2429**	**3006**	**1263**	**10324**	.
TetraStar	**1546**	1982	**2298**	**3245**	**1154**	**10226**	.
Big Boss	**1416**	1895	**2657**	**2962**	**1122**	**10052**	.
Attain	1111	1949	**2788**	**2918**	**1198**	**9964**	.
Verdure	**1372**	2048	**2527**	**2919**	**1024**	**9888**	.
Prine	**1307**	2026	**2516**	2821	**1067**	9736	8423
Passerel Plus	**1416**	1546	**2657**	**3049**	**1067**	9735	8360
ME4	1209	1721	**2581**	**3169**	**980**	9660	8189
Lonestar	**1448**	2058	**2581**	2494	**991**	9572	.
Bulldog Grazer	**1623**	1928	**2461**	2527	**991**	9529	8275
ShxFL20102xME	1230	**2429**	**2167**	2766	**937**	9529	.
Fria	1056	1644	**2919**	2744	**1154**	9518	.
Jumbo	1013	1677	**2581**	**3093**	**1143**	9507	8179
Grits	1253	1645	**2407**	**2984**	**1176**	9464	.
FL2010PE2xLATE	1078	1764	**2581**	**2984**	**1013**	9420	.
FL2010Red4xLATE	1024	1971	**2440**	**2984**	**991**	9409	.
TAMTBO	1111	1285	**2592**	**3289**	**1111**	9388	7983
FL20104xEARLY	1133	**2113**	**2483**	2559	**1056**	9344	.
Marshall	**1372**	1481	**2581**	2864	**1013**	9311	8295
Jackson	1111	1971	**2646**	2570	**1013**	9311	8010
07-EW	1024	1732	**2788**	2701	**1013**	9257	.
FLSh20102xME	937	**2211**	**2287**	2766	**1035**	9235	.
Oregro DH-3	1198	1677	**2723**	2548	**1057**	9202	8223
TXR2008-T3	1078	1492	**2537**	**3060**	**1024**	9191	7836
Diamond T	1296	1699	**2363**	2701	**1067**	9126	8292
Maximus	1060	1754	**2309**	**2919**	**915**	8955	8091
ME94	1133	1470	**2494**	2712	**1067**	8876	7842
07-WW	1002	1688	**2418**	2592	**958**	8658	.
Flying A	1133	1612	**2363**	2559	**937**	8604	7572
PPERC2	937	1231	**2352**	**3093**	**981**	8593	7285
Ed	719	1535	**2570**	2712	**1034**	8570	.
GO-ENH	850	1557	**2505**	2418	**1056**	8385	.
Winterhawk	1035	1448	**2037**	2744	**1045**	8309	7360
Average	1172	1787	2513	2841	1054	9368 [1]	8080
LSD at 10% Level	318	394	N.S.[2]	417	N.S.	840	552
Std. Err. of Entry Mean	137	168	164	178	75	358	235

Tifton, Georgia:
Ryegrass Forage Performance, 2010-2011
(Continued)

1. C.V. = 7.6%, and df for EMS = 99.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 19, 2010
Seeding Rate:	50 lb/acre in 7" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.4.
Fertilization:	Preplant: 40 lb N, 40 lb P_2O_5, and 40 lb K_2O/acre.
	Topdress: 40 lb N/acre after 1st, 2nd, 3rd, and 4th harvests.
Management:	Chisel plowed and rototilled.
Previous Crop:	Corn.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Ryegrass Forage Performance, 2010-2011

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-16-11	3-17-11	4-20-11	2011	2-Yr Avg
	lb/acre				
Maximus	**2440**	2897	**3637**	**8974**	**7885**
Early Ploid	**2276**	**3507**	3006	**8788**	.
Verdure	**2723**	2777	3267	**8767**	.
Big Boss	1971	2995	**3550**	**8516**	.
TetraStar	2102	2842	**3561**	**8505**	.
Marshall	1884	2908	**3659**	**8451**	**8039**
ME94	1814	2788	**3801**	**8403**	**7721**
ME4	2037	2995	3354	**8385**	7538
Attain	2080	2897	3344	8320	.
Lonestar	**2396**	3027	2897	8320	.
TXR2008-T3	1895	2930	3452	8277	7353
Diamond T	2047	3060	3104	8211	**7680**
Prine	2102	2603	3420	8124	7490
Passerel Plus	1993	2636	3485	8113	7382
FLSh20102xME	**2352**	**3333**	2429	8113	.
Nelson	1982	2734	3365	8081	7405
TAMTBO	1993	2832	3191	8015	7416
ShxFL20102xME	**2429**	**3191**	2341	7961	.
Jumbo	1742	2843	3289	7873	7304
07-EW	1867	2919	3049	7835	.
Oregro DH-3	1764	2929	3049	7743	7356
FL2010Red4xLATE	1394	3006	3300	7699	.
Winterhawk	1437	3060	3169	7666	7233
FL20104xEARLY	1644	**3136**	2853	7634	.
07-WW	1640	2897	2929	7466	.
Flying A	1634	2831	2962	7427	6946
Bulldog Grazer	1884	2690	2842	7416	7053
Jackson	1231	3027	3082	7340	6660
GO-ENH	1579	2603	3115	7296	.
Grits	1176	2995	3060	7231	.
Fria	1198	3028	2951	7177	.
Ed	915	3060	3082	7057	.
PPERC2	958	2744	3278	6980	6483
FL2010PE2xLATE	1067	2505	3158	6730	.
Average	1813	2918	3177	7909 [1]	7350
LSD at 10% Level	594	384	300	601	400
Std. Err. of Entry Mean	252	164	128	256	170

1. C.V. = 6.5%, and df for EMS = 99.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 20, 2010.

Seeding Rate: 50 lb/acre in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = High, K = High, and pH = 6.5.

Fertilization: Preplant: 40 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.

Topdress: 40 lb N/acre after 1st and 2nd harvests.

Management: Disked, subsoiled, and rototilled.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn, and R. Pines.

Griffin, Georgia:
Ryegrass Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-24-11	2-24-11	3-23-11	5-05-11	2011	2-Yr Avg
	lb/acre					
ME94	**2671**	1731	**6248**	**6513**	**17161**	**15299**
TAMTBO	**2790**	**2710**	4977	5991	**16467**	**14001**
Lonestar	**2573**	1942	**5745**	**6054**	**16313**	.
Big Boss	**2529**	1774	5101	**6456**	**15860**	.
Attain	**2625**	1501	4752	**6893**	**15771**	.
GO-ENH	**2783**	1448	4992	**6352**	15576	.
Bulldog Grazer	**2495**	2133	5422	5498	15547	**13646**
ME4	1909	1411	**5797**	**6307**	15424	**13829**
Early Ploid	1950	1876	**6335**	5174	15334	.
Diamond T	**2268**	1718	5466	5418	14869	**14565**
Grits	**2799**	1567	**5682**	4731	14778	.
Passerel Plus	1851	1821	5012	5991	14674	**13248**
Winterhawk	**2377**	1768	5341	5171	14657	**13300**
Marshall	**2628**	1736	5124	5118	14605	**13632**
PPERC2	2005	1014	5382	**6115**	14515	**12937**
Prine	2108	1378	4773	**6124**	14384	**13313**
Nelson	**2382**	1320	4531	**6068**	14299	**14022**
TetraStar	**2145**	2111	4348	5569	14172	.
FL2010PE2xLATE	2064	1443	4848	5674	14029	.
Flying A	**2480**	1687	4807	5030	14004	**13181**
FL20104xEARLY	1959	**2277**	4966	4802	14003	.
Fria	1809	1546	5292	5237	13883	.
Ed	1383	1436	**5575**	5205	13599	.
FL2010Red4xLATE	2058	1282	4800	5438	13577	.
Maximus	1971	1678	5031	4847	13526	**12089**
Jumbo	**2406**	2091	4302	4617	13415	**12718**
Oregro DH-3	**2167**	1618	4826	4764	13374	**12648**
07-WW	1877	1576	4791	5049	13292	.
Jackson	1632	1714	4669	5129	13143	**12322**
FLSh20102xME	**2183**	1862	5054	4013	13111	.
TXR2008-T3	**2429**	1526	4198	4825	12977	**12824**
ShxFL20102xME	2055	1638	5034	4100	12827	.
Verdure	1942	1502	4368	4733	12543	.
07-EW	1698	1225	4826	4577	12326	.
Average	2206	1678	5071	5399	14354 [1]	13387
LSD at 10% Level	659	515	848	873	1495	N.S.[2]
Std. Err. of Entry Mean	280	220	361	372	637	449

Griffin, Georgia:
Ryegrass Forage Performance, 2010-2011
(Continued)

1. C.V. = 8.9%, and df for EMS = 99.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 5, 2010.
Seeding Rate:	50 lb/acre in 7" rows.
Soil Type:	Cecil sandy loam.
Soil Test:	P = High, K = High, and pH = 5.8.
Fertilization:	Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
	Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.
Management:	Moldboard plowed, disked and rototilled.
Previous Crop:	Fallow.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Ryegrass Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-16-11	3-24-11	4-28-11	6-01-11	2011	2-Yr Avg
	lb/acre					
Big Boss	**1994**	2858	**4438**	**3468**	**12758**	.
Nelson	1193	3011	**4798**	**3474**	**12475**	**11215**
Diamond T	**2041**	2786	3740	**3833**	**12399**	**11035**
TAMTBO	**1682**	**3207**	3946	**3487**	**12322**	**11383**
Lonestar	**1919**	**3701**	3819	2754	**12193**	.
Early Ploid	**1558**	**3655**	4094	2546	**11852**	.
Attain	1391	2906	4187	**3341**	**11824**	.
Maximus	782	2557	**5039**	**3267**	**11644**	**10602**
TetraStar	1284	**3091**	4255	3006	**11636**	.
ME94	1158	2873	3964	**3558**	**11552**	**11103**
Prine	**1574**	2784	3607	**3509**	**11474**	**10706**
Fria	591	**3496**	**4409**	2935	**11430**	.
Marshall	997	2709	4096	**3590**	**11392**	**10710**
Passerel Plus	929	2460	**4366**	**3575**	**11331**	**10785**
Bulldog Grazer	1192	**3211**	4208	2672	11282	**10928**
GO-ENH	684	2759	4082	**3729**	11254	.
Jumbo	698	2822	3997	**3642**	11157	**10358**
ME4	862	2160	**4846**	**3272**	11140	**10875**
PPERC2	865	2630	4047	**3508**	11049	**10615**
Verdure	1110	2677	4291	2922	11000	.
FL2010PE2xLATE	905	2587	4135	3171	10798	.
Grits	1001	2916	3788	2959	10664	.
FL2010Red4xLATE	972	2908	3736	2988	10604	.
Winterhawk	587	2556	3937	**3518**	10598	**10421**
FL20104xEARLY	1013	**3205**	4069	2232	10519	.
Jackson	979	2550	4032	2895	10456	**10366**
07-WW	894	**3023**	3475	2980	10371	.
07-EW	756	2825	3719	3013	10313	.
Oregro DH-3	824	**3236**	3641	2575	10275	**9872**
Flying A	844	2757	4173	2483	10257	**9996**
TXR2008-T3	549	2613	3889	3193	10243	**9635**
Ed	770	2876	3898	2648	10191	.
ShxFL20102xME	1112	**3547**	3464	1647	9769	.
FLSh20102xME	613	**3156**	3609	1759	9137	.
Average	1068	2915	4053	3063	11099 [1]	10624
LSD at 10% Level	607	688	693	573	1439	N.S.[2]
Std. Err. of Entry Mean	258	293	295	244	613	405

Calhoun, Georgia:
Ryegrass Forage Performance, 2010-2011
(Continued)

1. C.V. = 11.0%, and df for EMS = 99.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	October 14, 2010.
Seeding Rate:	50 lb/acre in 7" rows.
Soil Type:	Wax loam.
Soil Test:	P = High, K = High, and pH = 6.4.
Fertilization:	Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.
	Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.
Management:	Chisel plowed, disked and rototilled.
Previous Crop:	Fallow.

Test conducted by J. Gassett, G. Ware and J. Stubbs.

Marianna, Florida:
Ryegrass Forage Performance, 2010-2011

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-24-11	2-21-11	3-23-11	4-19-11	2011	2-Yr Avg
	lb/acre					
Early Ploid	**956**	**2259**	**4253**	1745	**9212**	.
Big Boss	**845**	1711	4143	**1934**	**8633**	.
Verdure	**1023**	1718	3884	1804	**8429**	.
Lonestar	**1063**	1757	4009	1593	**8422**	.
Marshall	634	1332	**4617**	1833	**8416**	**7630**
ME94	**819**	1371	**4406**	1616	8212	**7684**
Passerel Plus	**748**	1383	**4411**	1641	8182	**7549**
Jumbo	**711**	1557	4123	1782	8173	**7882**
FLSh20102xME	548	**2225**	3873	1488	8134	.
Attain	**796**	1680	3828	1830	8134	.
ME4	**939**	1363	4128	1687	8118	**7569**
FL20104xEARLY	384	1754	4129	**1846**	8113	.
TAMTBO	**670**	1415	3889	**2006**	7979	**8506**
Flying A	**819**	1370	4071	1639	7898	**7671**
Nelson	658	1543	3968	1690	7859	**7795**
Bulldog Grazer	**722**	1533	4134	1455	7843	**7596**
07-EW	**847**	1531	3949	1497	7823	.
Winterhawk	400	1470	4365	1427	7662	**7200**
Prine	485	1364	3824	**1964**	7637	**7751**
Ed	348	1262	**4375**	1619	7603	.
TetraStar	**678**	1253	3547	**2086**	7564	.
TXR2008-T3	**694**	1304	3891	1659	7547	**7518**
Maximus	636	1306	3728	**1844**	7513	**7484**
FL2010Red4xLATE	321	1453	4043	1689	7506	.
Jackson	358	1258	**4229**	1578	7423	**7067**
Diamond T	545	1291	3696	**1855**	7386	**7380**
Grits	210	1096	**4233**	1621	7160	.
FL2010PE2xLATE	241	1322	**4230**	1355	7147	.
ShxFL20102xME	332	**1856**	3402	1420	7009	.
07-WW	365	1228	3693	1489	6774	.
Fria	248	819	4090	1615	6772	.
Oregro DH-3	351	988	3838	1586	6763	**6996**
PPERC2	427	956	3649	1332	6363	**6930**
GO-ENH	235	1050	3363	1611	6258	.
Average	590	1434	4000	1671	7696	7542
LSD at 10% Level	422	412	414	250	985	N.S.[2]
Std. Err. of Entry Mean	180	176	176	106	420	376

Marianna, Florida:
Ryegrass Forage Performance, 2010-2011
(Continued)

1. C.V. = 10.9%, and df for EMS = 99.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	November 9, 2010.
Seeding Rate:	50 lb/acre in 7" rows.
Soil Type:	Chipola loamy sand.
Soil Test:	P = Medium, K = High, and pH = 6.4.
Fertilization:	Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
	Topdress: 41 lb N/acre after 1st, 2nd, and 3rd harvests.
Management:	Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.
Previous Crop:	Corn.

Test conducted by J. Jones.

Statewide Summary:
Ryegrass Forage Performance, 2010-2011
with Two- and Three-Year Averages

	Dry Forage Yield										
	Tifton		Plains		Griffin		Calhoun		Statewide		
Brand-Variety	2011	3-Year Avg	2011	3-Year Avg	2011	3-Year Avg	2011	3-Year Avg	2011	2-Year Avg	3-Year Avg
	lb/acre										
07-EW	9257	.	7835	.	12326	.	10313	.	9933	.	.
07-WW	8658	.	7466	.	13292	.	10371	.	9947	.	.
Attain	**9964**	.	8320	.	**15771**	.	**11824**	.	**11470**	.	.
Big Boss	**10052**	.	**8516**	.	**15860**	.	**12758**	.	**11796**	.	.
Bulldog Grazer	9529	.	7416	.	15547	.	11282	.	10943	9976	.
Diamond T	9126	**7635**	8211	7252	14869	12621	**12399**	**12063**	**11151**	**10393**	**9893**
Early Ploid	**10324**	.	**8788**	.	15334	.	**11852**	.	**11574**	.	.
Ed	8570	.	7057	.	13599	.	10191	.	9854	.	.
FL20104xEARLY	9344	.	7634	.	14003	.	10519	.	10375	.	.
FL2010PE2xLATE	9420	.	6730	.	14029	.	10798	.	10244	.	.
FL2010Red4xLATE	9409	.	7699	.	13577	.	10604	.	10322	.	.
FLSh20102xME	9235	.	8113	.	13111	.	9137	.	9899	.	.
Flying A	8604	**7227**	7427	6800	14004	11947	10257	**11105**	10073	9424	9270
Fria	9518	.	7177	.	13883	.	**11430**	.	10502	.	.
GO-ENH	8385	.	7296	.	15576	.	11254	.	10628	.	.
Grits	9464	.	7231	.	14778	.	10664	.	10534	.	.
Jackson	9311	**7413**	7340	6645	13143	11186	10456	**11609**	10062	9340	9213
Jumbo	9507	**7690**	7873	7055	13415	11659	11157	**10778**	10488	9640	9295
Lonestar	9572	.	8320	.	**16313**	.	**12193**	.	**11599**	.	.
ME4	9660	**7704**	**8385**	7207	15424	12352	11140	**11812**	**11152**	**10108**	**9769**
ME94	8876	**7167**	**8403**	**7500**	**17161**	**13509**	**11552**	**11963**	**11498**	**10491**	**10035**
Marshall	9311	**7583**	**8451**	**7755**	14605	12240	**11392**	**11938**	10940	**10169**	**9879**
Maximus	8955	**7509**	**8974**	7424	13526	10940	**11644**	**11341**	10775	9667	9303
Nelson	**10683**	**8137**	8081	7161	14299	12322	**12475**	**11681**	**11384**	**10447**	**9825**
Oregro DH-3	9202	**7488**	7743	7138	13374	11569	10275	**11127**	10148	9525	9330
PPERC2	8593	.	6980	.	14515	.	11049	.	10284	9330	.
Passerel Plus	9735	**7482**	8113	7093	14674	11591	**11331**	**11703**	10963	9944	9467
Prine	9736	**7696**	8124	7083	14384	11856	**11474**	**11292**	10929	9983	9482
ShxFL20102xME	9529	.	7961	.	12827	.	9769	.	10021	.	.
TAMTBO	9388	**7551**	8015	7211	16467	12389	**12322**	**11997**	**11548**	**10196**	**9787**
TXR2008-T3	9191	.	8277	.	12977	.	10243	.	10172	9412	.
TetraStar	**10226**	.	**8505**	.	14172	.	**11636**	.	**11135**	.	.
Verdure	**9888**	.	**8767**	.	12543	.	11000	.	10550	.	.
Winterhawk	8309	.	7666	.	14657	.	10598	.	10307	9579	.
Average	9368	7560	7909	7179	14354	12014	11099	11570	10682	9860	9581
LSD at 10% Level	840	N.S.[1]	601	310	1495	741	1439	N.S.	783	395	300
Std. Err. of Entry Mean	137	180	256	132	637	316	613	341	247	169	129

1. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Sources of Seed
for the 2010-2011 Small Grains Performance Tests

Crop	Variety – Seed Source

Wheat

- **AGS** - AGSouth Genetics, LLC, P.O. Box 72246, Albany, GA 31708.
- **Dyna-Gro and Oglethorpe** – Dyna-Gro Seed, 6221 Riverside Dr., Suite One, Dublin, OH., 43017.
- **Arcadia, Coker 9553, Coker 9700 and Magnolia,** – AgriPro Coker, P.O. Box 1240, Winterville, NC 28590.
- **Fleming** – Plantation Seed Conditioners, P.O. Box 398, Newton, GA 39870.
- **GA** – University of Georgia - Griffin Campus, Crop & Soil Sciences Dept., 1109 Experiment St., Griffin, GA 30223-1797.
- **GA-Gore and Roberts** – Georgia Seed Development Commission, 2420 S. Milledge Avenue, Athens, GA 30605
- **Jamestown and VA05W-139** – VPI & SL/VCIA/EVAREC, 2229 Menokin Road, Warsaw, VA 22572.
- **LA** – Louisiana State University, SPESS, 221 M.B. Sturgis Hall, Baton Rouge, LA 70803-2110.
- **NC** – North Carolina State University, 840 Method Road, Unit 3, Raleigh, NC 27695-7629.
- **NF95134A and NF96131** – The Samuel Roberts Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401
- **Pioneer** – Pioneer Hi-Bred International, Inc., 700 Boulevard South, Suite 302, Huntsville, AL 35802.
- **Progeny and PGX** – Progeny Ag Products, 1529 Highway 193 South, Wynne, AR 72396.
- **PST SW1** – Photo Syntech, LLC, P.O. Box 9786, Fargo, ND 58106.
- **SL** – Southland Seed Company, Inc., 404 Holly Drive, Dublin, GA 31021.
- **SS** – Southern States Coop, P.O. Box 26234, Richmond, VA 23260.
- **TV, TVX, LA821 and LA841** – Terral Seed Inc., P.O. Box 826, Lake Providence, LA. 71254.
- **USG** – UniSouth Genetics, Inc., 2640-C Nolensville Road, Nashville, TN 37211.

Oat

- **07-LFWH** – Oregro Seeds, Inc., 33080 Red Bridge Road, Albany, OR 97377.
- **Horizon 201 and Horizon 270** – Plantation Seed Conditioners, P.O. Box 398, Newton, GA 39870.
- **LA and FL0522-92-S1** – LSU Ag Center, Agronomy Dept., 221 M.B. Sturgis Hall, Baton Rouge, LA 70803.
- **NC** – North Carolina State University,840 Method Road, Unit 3, Box 7629, Raleigh, NC 27695.
- **NF27 and NF95418** – The Samuel Roberts Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401.
- **Plot Spike LA9339 and RAM LA99016** – Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454

.

- **SS** – Southern States Coop, P.O. Box 26234, Richmond, VA 23260.
- **TAMO 406** – Texas A&M University, 2747 TAMUS, College Station, TX 77843-2474.

Sources of Seed
for the 2010-2011 Small Grains Performance Tests (Continued)

Crop	Variety – Seed Source

Triticale

- **NC** – North Carolina State University, 840 Method Road, Unit 3, Raleigh, NC 27695-7629.
- **Trical** – Resource Seeds, Inc., 2355 Rice Pike, Union, KY 41091.

Rye

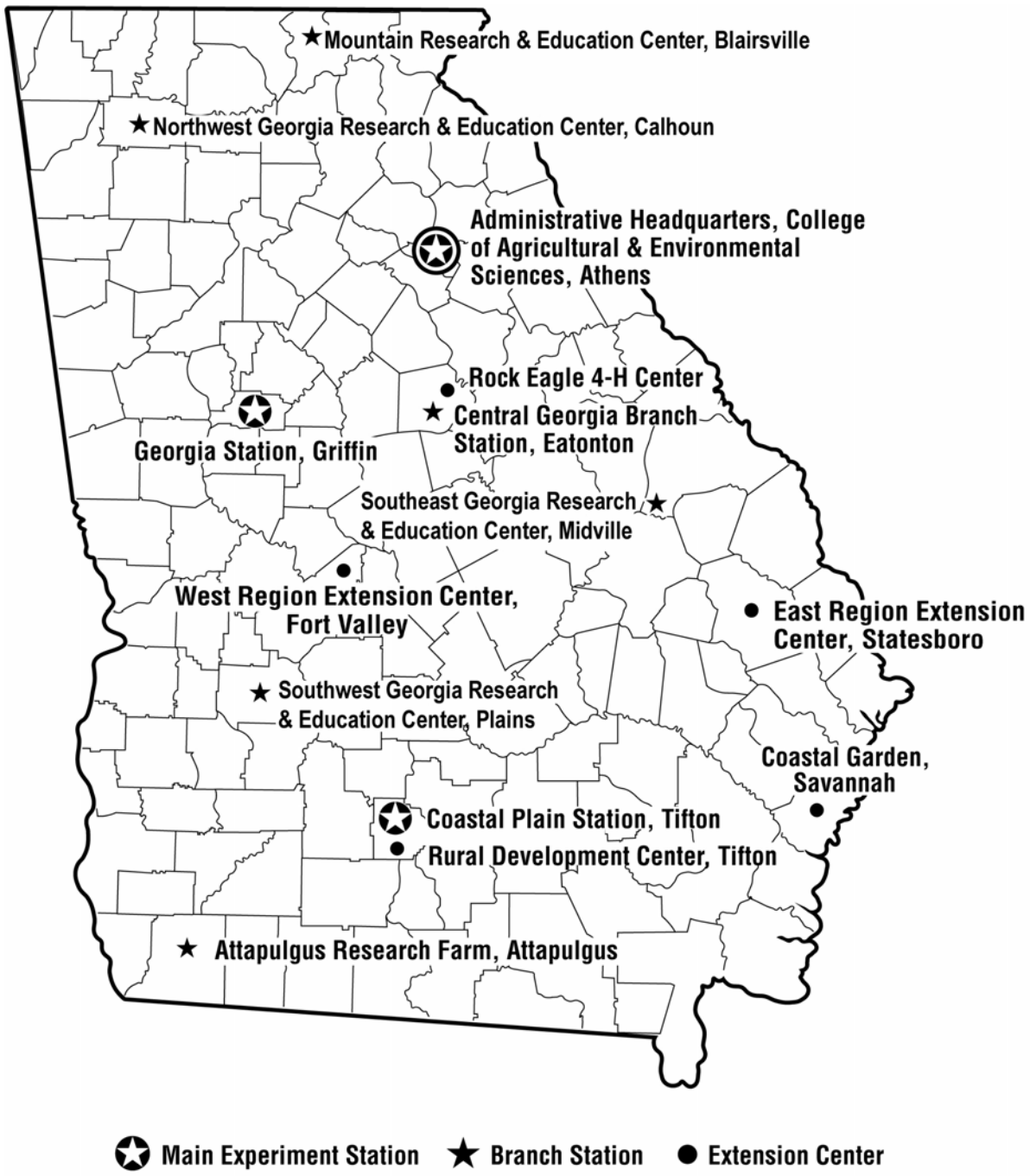
- **Bates RS4** – The Noble Foundation, P.O. Box 2180, Ardmore, OK 73402.
- **Florida 401** – University of Florida, NFREC, 155 Research Road, Quincy, FL 32351.
- **Wrens Abruzzi and Wrens 96** – Georgia Seed Development Commission, 2420 S. Milledge Avenue, Athens, GA 30605.

Barley

- **Dan, Price, Thoroughbred and VA06B-19** – Virginia Tech/EVAREC, 2229 Menokin Road, Warsaw, VA 22572.

Ryegrass

- **Attain, Big Boss, Ed, and Verdure** – Smith Seed Service, P.O. Box 288, Halsey, OR 97348.
- **Bulldog Grazer** – Athens Seed Company, P.O. Box 387, Watkinsville, GA 30677.
- **Diamond T, Flying A, Oregro DH-3, TAMITBO, Winterhawk, 07-EW and 07-WW** – Oregro Seeds, Inc., 33080 Red Bridge Road, Albany, OR 97377.
- **Early Ploid and Prine** – Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454.
- **FL and ShxFL20102xME** – University of Florida, P.O. Box 110965, Gainesville, FL 32608.
- **Fria** – Allied Seed LLC, 1108 Hilldale Drive, Macon, MO 63552.
- **GO-ENH, Lonestar and TetraStar** – Grassland Oregon, Inc., 4455 60th Ave. NE, Salem, OR 97305.
- **Grits** – Lewis Seed Co., 31810 Fayetteville Drive, Shedd, OR. 97377.
- **Jackson, Marshall, ME4, ME94 and Nelson** – The Wax Company, Inc., P.O. Box 60, Amory, MS 38821.
- **Jumbo, and Maximus** – Barenbrug USA, P.O. Box 239, Tangent, OR 97839.
- **Passerel Plus and PPERC2** – Pennington Seed, Inc., 270 Hansard Ave., Lebanon, OR. 97355.
- **TXR2008-T3** – Texas AgriLife Research, P.O. 200, Overton, TX 75684.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