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Georgia
2011-2012 Small Grain Performance Tests

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

Wheat

Oat

Rye

Triticale

Barley

Ryegrass

Department of Crop and Soil Sciences
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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 2011-2012 performance tests of small grains grown for grain and forage are printed in this research report. Grain evaluation studies were conducted at five locations in Georgia, including Tifton, Plains and Midville in the Coastal Plain region, Griffin in the Piedmont region and Calhoun in the Limestone Valley region. Small grain forage evaluation tests were conducted at four locations in Georgia, which included Tifton and Plains in the Coastal Plain region, Griffin in the Piedmont region and Calhoun in the Limestone Valley region, and at Marianna, Florida. For identification of the test locations, consult the map 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 2012 Fall Planting Schedule for Georgia (available at your county Extension office). For additional information, contact your local county Extension office, the nearest UGA campus or nearest UGA Research and Education Center.

The Least Significant Difference (LSD) at the 10 percent level has been included in the tables to aid in comparing varieties and tests. If the yields' difference of any two varieties exceeds the LSD value, they can be considered different in yield ability. **Bolding** is used in the performance tables to indicate entries with yields statistically equal to the highest yielding entry in the test. The standard error (Std. Err.) of an entry mean is included at the bottom of each table to provide a general indicator of the level of precision of each variety experiment. The lower the value for the standard error of the entry mean, the more precise the experiment.

This report is one of five publications presenting the performance of agronomic crops in Georgia. For information concerning other crops, refer to one of the following research reports: 2011 Corn Performance Tests (Annual Publication 101-3), 2011 Soybean, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests (Annual Publication 103-3), 2011 Peanut, Cotton and Tobacco Performance Tests (Annual Publication 104-3) and 2010-2011 Canola Performance Tests (available at http://www.swvt.uga.edu/canola.html).

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

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2011-2012 SMALL GRAIN PERFORMANCE TESTS

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

The Season

Georgia small grain farmers in the Fall of 2011 faced higher than normal warm temperatures and dry, low soil moisture conditions for the small grain forage and grain planting season. The unfavorable conditions continued unabated for much of the small grain seeding and growing season. With the hindrance of dry fields, land preparation and planting of small grain were delayed in some areas or not planted. Georgia wheat producers seeded 280,000 acres of wheat during the 2011-2012 crop year. This was the most wheat planted in three years and an increase of 12% over the previous year. Rye producers seeded 190,000 acres, 5% less than last year; oat acreage also deceased 5%, totaling 60,000 acres.

Rainfall amounts recorded monthly at the five test locations in Georgia and at Marianna, Fla. during the 2011-2012 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 received across the southern two-thirds of the state averaged 30% less or down 11 inches for the growing season. However, the area around Plains only received 19.44 inches of rain during the season, 17.7 inches or 48% less than normal. Record warm temperatures lingered for much of the growing season across the state of Georgia.

2011-2012 Rainfall[1]

Month	Year	Calhoun[2]	Griffin	Midville	Plains	Tifton	Marianna, FL[3]
		---------- inches ----------					
October	2011	2.43	3.91	2.46	1.22	4.81	1.08
November	2011	6.70	3.92	2.05	1.96	1.34	1.86
December	2011	5.38	4.03	2.28	4.47	1.80	3.72
January	2012	6.61	2.96	1.03	1.70	1.13	1.93
February	2012	3.00	1.21	2.27	2.76	3.61	2.10
March	2012	5.23	3.54	3.63	2.02	4.71	5.94
April	2012	1.48	0.44	1.07	1.49	1.21	2.14
May	2012	2.53	5.02	6.09	1.13	3.48	1.37
June	2012	1.53	1.85	5.52	2.69	5.24	7.35
Total (9 months)		34.89	26.88	26.40	19.44	27.33	27.52
Normal (9 months)		43.09	38.38	32.50	37.12	35.02	38.59

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 2011-2012 than the previous year due mainly to more favorable commodity prices. Wheat acres planted increased by 50,000. Later planting of wheat was hampered in some areas due to wet soil conditions. The weather remained warm throughout the small grain growing season, which reduced vernalization of most wheat varieties. A drier spring helped abate small grain diseases, which required less treatment but decreased yields and lowered quality and test weight of grain.

Some harvest of wheat around Plains was the earliest ever as combines began rolling the first week of May. There was a total of 200,000 acres of wheat grain harvested this year, 20,000 acres or 11% more than 2011, which produced 8.8 million bushels (20% less than last year). Wheat yield for the 2012 Georgia crop was 44 bushels per acre yield, 20% less than last year's per acre yield and 12 bushels per acre less than the record 2008 crop. Harvested acres of oats remained the same as during 2011. Forty thousand acres of rye were harvested for grain, 33% more 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 soil 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-$P_2 0_5$-$K_2 0$ 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 in this publication. 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 2012 planting season are presented in the following tables.

Recommended Grain Varieties for 2012

Barley	Nomini (S)	Price (S)	Thoroughbred (S)
Oat	Gerard 229 (P,M)	Horizon 201 (S)	Plot Spike LA9339 (S)
	Gerard 224 (S)	Horizon 270 (S)	*TAMO 406 (C)
Wheat	AGS 2026 (S)	Fleming (C)[3]	*SS 8308 (P,M)
	AGS 2035 (S)	Jamestown (S)[2]	SS 8641 (S)
	AGS 2038 (S)	*Magnolia (P,M)	*TV8558 (S)
	AGS 2060 (S)[3]	Oglethorpe (S)	TV8861 (P,M)
	Arcadia (C)[2]	Pioneer 26R61 (S)	USG 3555 (P,M)[2,4]
	Dyna-Gro Baldwin (S)	*Progeny 166 (P,M)[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 2013.

Recommended Forage Varieties for 2012

Oat	Horizon 201 (S) Plot Spike LA 9339 (C)	RAM LA99016 (S) *SS76-40 (S)	
Wheat	AGS 2038 (S) Coker 9553 (C)	Pioneer 26R61 (S) Roberts (P,M)[2]	SS8641 (S) *USG 3592 (S)
Rye	AGS 104 (S) Bates RS4 (S)	Florida 401 (C)[2] Wren 96 (S)	Wrens Abruzzi (S)
Triticale	*Trical 2700 (C,P)	Trical 342 (C,P) silage only	

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
2. Suitable for early planting.

* To be dropped from list in 2013.

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 2012

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, 2012

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	short	no
AGS 2035	good	good	fair	fair	fair	good	good	good	medium	good	short	yes
AGS 2038	good	good	fair	good	fair	good	good	good	med.late	good	medium	yes
AGS 2060	good	good	fair	fair	fair	good	good	good	early	fair	short	yes
Arcadia	good	fair	fair	fair	fair	good	fair	good	medium	fair	short	yes
Coker 9553	fair	good	fair	good	fair	fair	poor	good	medium	good	medium	yes
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	short	yes
Magnolia	poor	fair	good	poor	good	good	fair	good	medium	good	medium	no
Oglethorpe	good	good	good	fair	fair	good	good*	good	medium	fair	short	no
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
TV 8861	fair	good	good	good	fair	good	good	good	late	good	med. long	yes
USG 3555	poor	good	fair	good	fair	good	poor	fair	medium	good	med. long	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	-	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
Gerard 224	good	fair	good	medium	good	fair
Gerard 229	fair	fair	good	medium	good	fair
Horizon 201	good	fair	good	medium	fair	fair
Horizon 270	good	fair	good	medium	good	good
Horizon 321	fair	fair	good	medium	good	good
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

VARIETY RELEASES

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AGS 2038 (GA 001138-8E36) is a high grain yielding, awned, medium late maturing, good test weight, medium-tall height line with moderate straw strength. It was derived from the cross of GA 961581 / PIO26R61. Its maturity averages about 4 days later than AGS 2000 in Georgia. Juvenile plant growth is semi-erect. At the boot stage, it is a blue-green color with waxy stems; flag leaves are erect and not twisted. It is resistant to races of leaf rust and stripe rust in Georgia and the Southeast, current biotypes of Hessian fly in Georgia and wheat soil-borne mosaic virus. It is moderately resistant to glume blotch, moderately susceptible to fusarium head blight (scab), and has good milling and baking quality as a soft red winter wheat.

DISEASES

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Each growing season has its own unique story. The 2011-12 growing season was no exception. The warmer temperatures of late December through March generated excessive top growth and delayed vernalization in cold hardy varieties. While the warmer winter temperatures promoted excessive growth, diseases were held in check somewhat by reduced rainfall. The exception to this is powdery mildew. Most wheat varieties were very early in maturing.

Powdery mildew was observed at high levels in south Georgia on susceptible varieties in producers' fields. Powdery mildew was observed at moderate levels at the Tifton, Plains and Calhoun stations.

Stripe rust (*Puccinia striiformis)* was observed at Griffin and Plains where plots were artificially inoculated. Stripe rust was found at low levels at Tifton and Calhoun but no widespread epidemics were observed in the state.

Barley Yellow Dwarf Virus (BYDV) was observed at moderate levels across the state. State wheat trials at Tifton, Plains and Griffin all had some disease. There is no doubt that the warmer winter favored increases in the aphid populations. BYDV is an elusive disease that has the potential in any given year to greatly reduce wheat yields.

Leaf rust (*Puccinia triticina*) was observed at moderate levels across the state and could have proved much worse had the spring not been as dry as it was.

Leaf and glume blotch (*Stagonospora nodorum*) were observed at low levels across the state again due to the lack of rain in the spring.

(Bipolaris sorokiniana) or *(Drechslera sorokiniana),* helminthosporium spot blotch, was also observed at low levels across the southern part of the state as well as *(Pyrenophora tritici-repentis),* tan spot. Both diseases were observed due in part to the warmer winter.

INSECTS

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

Several wheat varieties showed good levels of Hessian fly resistance, including AGS 2026, AGS 2035, AGS 2060, Pioneer brands 26R20 and 26R61, USG 3592, Oglethorpe, TV8848, TV8861 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 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.

Warm, dry conditions in the fall and winter of 2011/2012 caused wheat to develop and mature earlier than normal. Hessian fly infestations were low in the fall but reached high levels by the time of the spring generation in susceptible varieties in some areas. Aphids cause direct injury to wheat and also transmit Barley Yellow Dwarf Virus (BYDV). Aphid infestations also generally were variable and sometimes large throughout the state. But BYDV infection generally 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 BYDV incidence. Cereal leaf beetle infestations also caused leaf defoliation in some fields, mostly in central and eastern Georgia. True armyworm infestations were present in cereal grain fields in central portions the state, which required insecticide control in some cases. Consult your local county Extension agent and current *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 2011-2012 Georgia State Small Grain Variety Test, Plains, Griffin and Midville, Ga.

	Plains		Griffin		Midville	
Entry name	% Infested	No./stem	% Infested	No./stem	% Infested	No./stem
AGS 2026	2.5	0.03	0	0	0	0
AGS 2035	15.0	0.33	15	0.15	0	0
AGS 2038 (GA001138-8E36)	27.5	0.65	0	0	0	0
AGS 2060	7.5	0.10	10	0.30	0	0
Arcadia	60	2.38	5	0.35	5	0.05
Coker 9553	80	2.05	0	0	10	0.15
Coker 9700	42.5	1.08	0	0	0	0
Dyna-Gro 9053	65	0.70	20	0.50	-§	-
Dyna-Gro 9171	57.5	3.48	25	0.70	-	-
Dyna-Gro Baldwin	17.5	0.33	0	0	0	0
Endurance	57.5	1.48	55	0.80	-	-
Exp 32110	7.5	0.08	5	0.15	10	0.10
Exp 32111	60	2.10	5	0.05	0	0
Exp 32112	0	0	0	0	0	0
Exp 32113	100	3.70	0	0	65	1.90
Fleming	30	0.53	0	0	5	0.10
GA021245-9E16	30	0.80	0	0	0	0
GA021338-9EE11	67.5	3.58	20	0.20	10	0.35
GA021773-9EE21	0	0	0	0	0	0
GA031086-10E26	5	0.23	0	0	0	0
GA031134-10E29	0	0	0	0	0	0
GA031238-10LE33	50	1.68	15	0.15	10	0.30
GA031257-10E41	40	0.98	0	0	5	0.10
GA031257-10LEL34	45	1.05	0	0	15	0.20
GA03136-10EEL9	42.5	0.85	30	0.65	0	0
GA031389-10EEL18	57.5	2.10	5	0.05	-	-
GA031421-11E57	0	0	0	0	0	0
GA03580-10EEL15	0	0	20	0.50	-	-
GA041052-11E51	7.5	0.15	0	0	0	0
GA041293-11E54	15	0.23	0	0	0	0
GA041293-11LE37	17.5	0.30	0	0	0	0
GA041296-11LE39	62.5	2.43	15	0.35	15	0.20
GA041323-11E63	12.5	0.18	0	0	0	0
GA041418-11EE16	7.5	0.25	0	0	-	-
GA04151-11E26	27.5	1.08	5	0.10	0	0
GA04244-11E1	55	1.63	5	0.05	10	0.10
GA04417-11E21	20	0.43	0	0	0	0
GA04434-11E44	10	0.23	0	0	0	0
GA04444-11LE25	55	2.10	0	0	15	0.20
GA04494-11E49	20	0.28	5	0.05	0	0
GA04500-11LE11	2.5	0.05	0	0	0	0
GA04510-11LE24	35	0.88	5	0.20	5	0.05
GA04570-10E46	2.5	0.03	0	0	0	0
GA-Gore	75	3.25	10	0.10	5	0.15
Jamestown	35	0.50	0	0	0	0
LA01110D-150	35	0.75	0	0	0	0
LA02015E201	85	2.88	10	0.15	15	0.15
LA02015E58	82.5	2.05	0	0	20	0.30
LA02024E12	7.5	0.20	0	0	0	0
LA04110D-7	50	1.15	5	0.05	0	0

Hessian fly infestation* in wheat entries in the 2011-2012 Georgia State Small Grain Variety Test, Plains, Griffin and Midville, Ga. (Continued)

	Plains		Griffin		Midville	
Entry Name	% Infested	No./stem	% Infested	No./stem	% Infested	No./stem
LA821	32.5	0.98	10	0.20	0	0
LA841	45	0.93	0	0	5	0.10
NC08-21273	90	2.35	0	0	50	1.00
NC08-23089	25	0.38	0	0	0	0
NC08-23323	62.5	2.15	0	0	0	0
NC-Cape Fear	82.5	1.88	10	0.10	35	1.30
NC-Yadkin	70	1.68	20	0.65	60	3.50
NF95134A	47.5	1.55	0	0	-	
NF96131	42.5	0.85	0	0	-	-
Oglethorpe	0	0	0	0	0	0
PGX 11-8	57.5	1.98	40	0.45	15	0.30
PGX-11-14	80	2.85	0	0	65	1.40
Pioneer 26R10	7.5	0.08	0	0	15	0.15
Pioneer 26R20	2.5	0.03	0	0	0	0
Pioneer 26R61	0	0	0	0	0	0
Pioneer XW10T	2.5	0.05	5	0.10	0	0
Progeny 117	37.5	1.45	0	0	0	0
Progeny 125	52.5	2.48	10	0.35	0	0
Progeny 185	47.5	0.93	5	0.05	20	0.40
Progeny 357	80	3.40	20	0.30	40	0.75
Progeny 870	100	4.68	50	1.05	50	4.60
Roberts	100	3.30	5	0.05	-	-
SS 520	17.5	0.48	0	0	25	0.40
SS 5205	90	3.10	10	0.10	5	0.05
SS 8308	12.5	0.25	5	0.05	0	0
SS 8340	90	3.85	35	0.80	5	0.15
SS 8404	55	0.98	0	0	15	0.45
SS 8500	2.5	0.05	15	0.15	5	0.05
SS 8641	25	0.43	5	0.05	0	0
Trical 342 (triticale)	2.5	0.13	0	0	-	-
TV8525	67.5	2.23	20	0.25	80	3.75
TV8535	65	2.53	20	0.90	10	0.15
TV8626	62.5	2.28	10	0.15	5	0.45
TV8848	0	0	0	0	-	-
TV8861	10	0.25	0	0	-	-
USG 3244	67.5	1.88	30	0.45	20	0.85
USG 3251	37.5	1.85	15	0.25	45	1.35
USG 3409	7.5	0.15	5	0.05	5	0.10
USG 3438	77.5	3.75	15	0.15	60	5.80
USG 3555	77.5	2.90	15	0.15	30	0.85
USG 3562	85	2.47	5	0.05	70	2.75
VA05W-151	2.5	0.03	30	0.30	0	0
VA06W-412	45	1.25	0	0	0	0
VA07W-415	2.5	0.03	0	0	0	0
VA08W-176	52.5	1.40	0	0	5	0.05
VA08W-294	22.5	0.35	0	0	5	0.05

* Results from two samples with 20 stems per sample except at Midville where results are from one sample of 20 stems.

§Entry not included at Midville.

Hessian fly infestation* of entries in the 2011-2012 late planted (early maturing lines) wheat trial at Midville, Ga.

Entry name	% Infested	No./Stem
AGS 2060	0	0
Arcadia	5	0.05
Coker 9553	25	0.45
Coker 9700	0	0
Fleming	0	0
GA021773-9EE21	0	0
GA03136-10EEL9	0	0
GA03580-10EEL15	0	0
GA041418-11EE16	5	0.10
Jamestown	0	0
Progeny 117	15	0.15
Progeny 125	0	0
SS 520	10	0.30
USG 3409	0	0
USG 3555	35	0.40
USG 3562	50	3.00

* Results from single non-replicated block of 20 stems per plot.

Wheat

Tifton, Georgia:
Wheat Grain Performance, 2011-2012

	Yield[1]		2012 Data								
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
AGS 2026	**80.3**	**83.9**	29	75.7	53.2	39	35	03/21	100	15	0
Coker 9700	**80.2**	**81.1**	35	74.5	57.2	39	70	03/13	100	15	0
AGS 2035	**79.6**	**85.7**	5	84.1	57.7	46	4	03/15	100	15	0
SS8641	**77.2**	**82.3**	9[T]	80.4	53.7	40	3	03/23	100	0	0
Oglethorpe	**76.9**	**84.1**	21	77.4	53.8	37	28	03/22	100	15	0
AGS 2038	**76.4**	**79.3**	24	77.0	55.6	43	0	03/19	100	5	0
GA021245-9E16	**76.3**	**80.4**	15	78.3	56.4	40	8	03/13	100	13	0
LA01110D-150	**75.7**	**83.2**	8[T]	80.6	55.8	41	45	03/18	100	8	0
Arcadia	74.7	**77.2**	33	74.8	56.5	41	24	03/18	100	15	0
Jamestown	74.3	**79.5**	27	76.0	57.0	38	5	03/17	100	18	0
LA821	73.4	**74.8**	49	63.7	53.5	42	55	03/14	100	20	0
USG 3555	73.1	**77.4**	52	62.5	50.9	33	6	03/22	100	0	3
Pioneer 26R61	72.3	**77.3**	26	76.3	57.6	43	0	03/21	100	15	0
SS8308	71.7	**75.2**	56	60.1	55.0	37	7	04/02	100	0	25
SS520	70.2	**71.1**	54	61.0	53.3	41	26	03/22	100	3	8
Dyna-Gro Baldwin	70.1	**73.9**	37	72.3	55.0	42	8	03/22	100	23	0
AGS 2060	67.8	**77.8**	11	79.3	57.9	42	10	03/13	100	18	0
Progeny 117	67.2	**69.7**	55	60.6	55.3	42	86	03/17	100	20	13
SS8404	66.8	**72.6**	45[T]	67.3	55.8	32	4	03/27	100	18	3
Progeny 185	66.7	**69.8**	59[T]	57.8	54.7	42	1	03/27	100	13	8
Fleming	63.5	**71.7**	48	64.1	54.1	35	35	03/12	100	30	0
LA841	62.6	**71.5**	40	71.0	53.5	39	30	03/19	100	23	0
USG 3251	58.4	**56.6**	72	35.2	54.3	30	4	03/30	100	15	13
USG 3438	52.5	**51.3**	77	26.1	51.0	32	4	04/05	100	20	8
GA04570-10E46	.	**88.3**	2	**87.0**	57.7	41	0	03/14	100	5	0
GA031257-10E41	.	**86.4**	9[T]	80.4	55.9	38	28	03/22	100	0	0
GA031257-10LEL34	.	**83.1**	25[T]	76.7	57.0	36	5	03/23	100	3	0
GA031134-10E29	.	**83.0**	19	77.6	53.8	39	15	03/25	100	3	0
GA021338-9EE11	.	**79.1**	23	77.1	55.1	40	10	03/16	100	5	0
GA031086-10E26	.	**77.8**	34	74.7	54.5	36	23	03/26	100	15	0
GA021773-9EE21	.	**75.8**	36	73.9	53.3	37	9	03/20	100	70	0
GA031238-10LEL33	.	**75.7**	45[T]	67.3	54.6	38	9	03/26	100	5	0
USG 3409	.	**74.8**	53	61.4	50.8	38	8	03/26	100	0	30
TV8525	.	**72.8**	59[T]	57.8	55.4	36	3	03/30	100	5	13
Pioneer 26R10	.	**71.6**	47[T]	65.9	55.4	37	0	04/05	100	13	0
GA-Gore	.	**71.4**	41[T]	70.5	52.9	43	11	03/17	100	20	5
TV8535	.	**56.8**	75	30.7	50.5	29	4	04/05	100	10	18
TV8626	.	**53.8**	74	31.0	50.1	29	4	04/05	100	30	0
GA04434-11E44	.	.	1	**93.6**	55.4	39	1	03/16	100	3	0
GA041052-11E51	.	.	3	86.0	55.8	36	75	03/12	100	8	0

Tifton, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
GA041293-11E54	.	.	4	85.2	54.7	38	1	03/17	100	15	0
GA03136-10EEL9	.	.	6	83.1	53.5	41	71	03/12	100	20	0
LA04110D-7	.	.	7	81.6	58.9	44	10	03/16	100	18	0
GA031421-11E57	.	.	8[T]	80.6	55.6	37	8	03/23	100	5	0
GA04444-11LE25	.	.	10	79.8	57.1	38	3	03/22	100	13	0
LA02015E201	.	.	12	79.2	57.5	41	19	03/12	100	20	0
NC08-23089	.	.	13	79.1	56.8	38	30	03/14	100	18	0
LA02024E12	.	.	14	79.0	56.9	40	0	03/14	100	23	0
GA04494-11E49	.	.	16	78.2	56.4	37	5	03/19	100	15	0
GA04151-11E26	.	.	17	78.1	57.7	41	4	03/20	100	8	0
GA041293-11LE37	.	.	18	77.8	55.3	40	0	03/16	100	3	0
VA07W-415	.	.	20	77.5	54.5	43	1	03/28	100	0	0
VA05W-151	.	.	22	77.2	56.3	39	51	03/22	100	5	0
LA02015E58	.	.	25[T]	76.7	57.7	40	34	03/12	100	28	0
VA06W-412	.	.	28	75.8	56.1	36	4	03/23	100	5	0
GA041296-11LE39	.	.	30	75.6	54.4	42	19	03/23	100	0	0
VA08W-294	.	.	31	75.5	54.7	40	26	03/21	100	5	0
GA041323-11E63	.	.	32	75.3	54.1	39	3	03/20	100	10	0
Exp 32110	.	.	38	71.5	56.2	37	0	03/30	100	30	0
GA04500-11LE11	.	.	39	71.2	50.2	37	51	03/18	100	18	0
NC08-23323	.	.	41[T]	70.5	55.9	38	3	03/21	100	3	0
GA04417-11E21	.	.	42	69.2	53.3	38	5	03/25	100	10	0
GA04510-11LE24	.	.	43	68.5	51.8	40	0	03/26	100	15	0
Pioneer Pioneer XW10T	.	.	44	67.7	55.6	36	0	03/30	100	10	5
Coker 9553	.	.	46	67.2	56.5	40	11	03/22	100	15	8
Progeny 125	.	.	47[T]	65.9	53.2	37	10	03/20	100	28	8
Pioneer 26R20	.	.	50	63.0	58.0	43	0	04/07	100	0	3
GA04244-11E1	.	.	51	62.8	54.2	38	6	03/24	100	5	0
SS 8500	.	.	57	59.2	55.2	37	1	03/28	100	8	5
VA08W-176	.	.	58	58.4	55.6	40	4	03/30	100	10	0
SS 8340	.	.	60	57.0	54.8	35	1	03/28	100	5	25
USG 3244	.	.	61	54.4	53.8	42	3	03/28	100	40	0
PGX 11-8	.	.	62	52.7	54.6	35	0	03/29	100	18	5
SS 5205	.	.	63	50.1	54.7	34	4	03/28	100	10	0
NC-Cape Fear	.	.	64	48.9	54.5	35	4	03/28	100	0	20
Exp 32112	.	.	65	44.4	49.1	38	0	.	100	10	0
Exp 32113	.	.	66	40.5	52.1	41	9	04/03	100	50	3
NC08-21273	.	.	67	39.7	54.1	38	4	03/30	100	0	5
Exp 32111	.	.	68	39.3	52.6	37	2	04/03	100	0	35
PGX 11-14	.	.	69	38.6	51.6	37	4	04/05	100	23	0
NC-Yadkin	.	.	70	38.5	54.0	35	3	04/06	100	0	15
USG 3562	.	.	71	38.2	55.1	33	1	03/30	100	0	45
Progeny 870	.	.	73	33.9	51.9	31	3	04/05	100	18	3
Progeny 357	.	.	76	28.5	48.4	33	4	04/05	100	25	5
Average	71.2	75.2		66.2 [2]	54.7	38	13	03/23	100	13	4
LSD at 10% Level	4.7	N.S.[3]		6.8	1.4	2	17	01	-	-	-
Std. Err. of Entry Mean	2.0	2.2		2.9	0.6	1	7	01	-	-	-

Tifton, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 8.8%, and df for EMS = 249.
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).

Planted:	November 16, 2011.
Harvested:	May 18, 2012.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Tifton sandy loam.
Soil Test:	P = Medium, K = Medium, and pH = 5.9.
Fertilization:	Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
	Topdress: 70 lb N/acre.
Management:	Disked and rototilled; Harmony Extra used for weed control; Warrior used for insect control.
Previous Crop:	Canola.

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

Tifton, Georgia:
Late-Planted Wheat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
Jamestown	**45.8**	**52.9**	4	48.7	56.4	30	0	03/26	100	10	.
AGS 2060	**41.8**	**48.7**	6	42.8	56.6	37	0	03/24	100	50	.
Arcadia	**41.1**	**44.8**	8	36.6	54.1	29	0	03/26	100	45	.
Coker 9700	**38.9**	**45.7**	10	29.3	50.8	30	0	03/23	100	60	.
Fleming	**38.8**	**47.5**	5	45.7	53.2	29	0	03/16	100	0	.
Progeny 117	**34.8**	**43.6**	11	26.5	48.9	33	0	03/26	100	65	.
USG 3555	**31.0**	**38.3**	14	12.8	28.8	23	0	04/03	100	15	.
SS520	**29.0**	**32.7**	15	12.3	28.8	29	0	04/01	100	50	.
GA03580-10EEL15	.	**60.8**	2	**54.7**	55.8	32	0	03/21	100	0	.
GA03136-10EEL9	.	**59.7**	3	**52.2**	52.6	30	0	03/21	100	55	.
USG 3409	.	**46.9**	9	29.8	45.0	33	0	03/30	100	20	.
GA041418-11EE16	.	.	1	**56.7**	51.6	33	0	03/22	100	0	.
GA021773-9EE21	.	.	7	39.0	53.7	33	0	03/26	100	55	.
Coker 9553	.	.	12	24.4	50.1	30	0	04/04	100	20	.
Progeny 125	.	.	13	20.2	43.8	26	0	03/30	100	80	.
USG 3562	.	.	16	3.4	28.8	26	0	.	100	80	.
Average	37.6	47.4		33.42	47.4	30	0	03/26	100	38	.
LSD at 10% Level	N.S.[2]	N.S.		7.3	2.4	2	-	01	-	-	
Std. Err. of Entry Mean	1.4	2.1		3.1	1.0	1	-	01	-	-	

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 18.4%, and df for EMS = 45.
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).

Planted: December 16, 2011.
Harvested: May 18, 2012.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 70 lb N/acre.
Management: Disked and rototilled; Osprey used for weed control; Warrior used for insect control.
Previous Crop: Soybeans.

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

Plains, Georgia:
Wheat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Stripe Rust	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%	%
Oglethorpe	**79.1**	**80.9**	14	**71.9**	58.9	32	2	03/24	100	0	0	0
AGS 2035	**79.0**	**85.3**	2	**82.0**	60.4	35	1	03/24	100	5	0	0
Coker 9700	**78.9**	**83.5**	7	**77.3**	61.0	33	9	03/24	100	5	0	0
AGS 2026	**78.9**	**80.3**	21	**69.2**	57.1	31	13	03/23	100	20	0	0
Jamestown	**73.7**	**77.2**	19	**69.5**	60.4	31	4	03/25	100	10	0	0
SS8641	**73.7**	**76.1**	18[T]	**69.7**	58.3	35	2	03/31	100	0	0	0
AGS 2038	**73.5**	**79.6**	8	**75.6**	58.5	35	3	03/27	100	0	0	0
LA01110D-150	**72.2**	**74.6**	15	**71.1**	58.8	34	3	03/25	100	10	0	0
LA821	**71.8**	**73.6**	34[T]	62.8	57.5	33	20	03/24	100	0	0	0
Arcadia	**71.2**	**73.7**	24	**66.8**	60.2	32	3	03/24	100	15	0	10
USG 3555	**70.3**	**73.0**	29	65.0	57.2	33	2	04/05	100	0	0	0
USG 3438	**69.9**	**67.1**	59	45.5	53.3	33	3	04/05	100	0	20	0
Dyna-Gro Baldwin	**69.8**	**70.9**	41	60.7	58.6	36	3	03/30	100	25	0	0
SS8308	**69.6**	**70.7**	55	51.1	59.2	34	4	04/05	100	30	40	0
AGS 2060	**68.5**	**70.6**	20[T]	**69.3**	60.6	37	20	03/23	100	15	0	0
Progeny 117	**68.5**	**69.7**	47	57.4	57.5	35	18	03/23	100	0	60	10
GA021245-9E16	**67.2**	**70.6**	31	64.4	60.4	32	4	03/24	100	10	0	0
LA841	**67.0**	**72.3**	27	**65.6**	56.8	33	8	03/23	100	20	0	0
Progeny 185	**66.7**	**67.2**	52	51.7	56.8	35	8	04/05	100	0	40	0
SS520	**65.3**	**62.7**	62	42.6	59.6	32	8	04/05	100	0	50	50
Pioneer 26R61	**64.9**	**67.1**	50[T]	54.4	57.9	34	1	03/25	100	5	10	0
Fleming	**64.5**	**64.3**	53	51.4	57.2	29	18	03/15	100	0	30	0
USG 3251	**59.9**	**57.3**	73	31.7	52.6	35	10	04/05	100	0	40	0
SS8404	**59.8**	**58.5**	71	32.3	59.3	27	8	04/01	100	0	60	40
GA04570-10E46	.	**83.8**	1	**83.1**	60.5	35	1	03/24	100	0	0	0
GA031257-10E41	.	**81.5**	11[T]	**73.4**	60.8	34	2	03/28	100	0	0	0
GA031086-10E26	.	**78.8**	17	**69.9**	58.7	34	4	03/30	100	0	0	0
GA031238-10LEL33	.	**75.0**	26[T]	**65.9**	58.7	33	5	03/28	100	0	0	0
GA021338-9EE11	.	**74.9**	11[T]	**73.4**	59.8	36	3	03/23	100	0	0	0
GA031134-10E29	.	**72.9**	33	63.3	56.8	31	14	03/31	100	0	0	0
USG 3409	.	**70.7**	43	59.4	57.4	34	9	04/01	100	0	30	30
GA021773-9EE21	.	**69.1**	46	58.2	57.7	31	1	03/25	100	40	0	0
Pioneer 26R10	.	**66.5**	58	45.7	55.0	34	0	04/05	100	40	0	20
TV8535	.	**64.3**	57	46.0	55.6	34	3	04/05	100	0	20	0
GA-Gore	.	**64.1**	49	54.6	57.6	36	6	03/25	100	0	30	0
GA031257-10LEL34	.	**63.8**	61	43.4	58.3	33	8	03/29	100	0	0	0
TV8525	.	**62.6**	64	41.0	56.0	31	2	04/05	100	0	40	20
TV8626	.	**57.4**	72	31.9	52.5	31	4	04/05	100	0	40	10
GA041323-11E63	.	.	3	**81.9**	58.8	33	4	03/24	100	5	0	0
GA041293-11E54	.	.	4	**80.2**	59.8	33	5	03/25	100	0	0	0
GA04151-11E26	.	.	5	**78.2**	61.3	34	1	03/27	100	10	0	0
GA04434-11E44	.	.	6	**77.6**	58.6	32	1	03/28	100	0	0	0
GA04444-11LE25	.	.	9	**74.3**	58.7	34	3	03/30	100	0	0	0
GA03136-10EEL9	.	.	10	**73.9**	56.8	32	4	03/22	100	5	0	0
LA02015E58	.	.	12[T]	**73.1**	59.4	34	14	03/20	100	10	0	0

Plains, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Stripe Rust	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%	%
GA041052-11E51	.	.	12[T]	**73.1**	57.7	32	9	03/23	100	0	0	0
GA041293-11LE37	.	.	13	**72.0**	59.3	35	1	03/27	100	0	0	0
GA04510-11LE24	.	.	16	**70.1**	59.5	37	5	04/01	100	10	0	0
GA04494-11E49	.	.	18[T]	**69.7**	59.1	33	1	03/25	100	10	0	0
VA07W-415	.	.	20[T]	**69.3**	58.6	36	3	03/30	100	0	0	0
NC08-23323	.	.	22	**68.0**	59.8	36	0	04/02	100	0	5	0
GA04417-11E21	.	.	23	**67.2**	60.2	33	2	03/30	100	25	0	0
VA08W-294	.	.	25	**66.1**	58.5	34	1	03/24	100	0	0	0
LA04110D-7	.	.	26[T]	**65.9**	61.6	33	3	03/23	100	10	5	0
LA02015E201	.	.	28	**65.5**	59.6	34	4	03/24	100	15	0	0
Progeny 125	.	.	30	64.6	57.7	32	5	03/25	100	20	0	0
SS 5205	.	.	32	63.4	58.4	33	1	04/05	100	0	40	10
GA04500-11LE11	.	.	34[T]	62.8	57.3	34	2	03/27	100	20	0	0
Coker 9553	.	.	35	62.5	60.4	34	3	03/27	100	10	5	0
VA05W-151	.	.	36	62.4	60.7	34	3	03/25	100	0	40	20
SS 8500	.	.	37[T]	62.3	56.8	35	0	04/07	100	0	5	0
VA06W-412	.	.	37[T]	62.3	60.8	31	2	03/27	100	0	40	30
GA04244-11E1	.	.	38	62.1	58.2	35	7	04/05	100	0	0	0
LA02024E12	.	.	39	61.7	56.7	34	5	03/25	100	5	0	0
Exp 32110	.	.	40	61.0	58.6	32	1	04/05	100	0	40	30
VA08W-176	.	.	72	60.6	60.0	34	2	04/05	100	0	5	0
USG 3562	.	.	44	59.1	56.9	32	3	04/05	100	0	60	0
GA041296-11LE39	.	.	45	59.0	60.1	34	4	03/31	100	0	0	0
Pioneer XW10T	.	.	48	55.1	56.6	33	1	04/05	100	0	30	0
SS 8340	.	.	50[T]	54.4	57.8	33	2	04/05	100	25	0	0
GA031421-11E57	.	.	51	52.8	59.3	34	9	03/30	100	0	0	0
NC08-23089	.	.	54	51.2	57.7	32	9	03/23	100	0	80	10
Exp 32113	.	.	56	48.6	55.8	33	7	04/05	100	40	0	0
PGX 11-8	.	.	60	43.6	57.5	31	2	04/05	100	0	50	20
Exp 32112	.	.	63	42.1	51.6	33	1	04/07	100	0	50	20
Exp 32111	.	.	65	39.5	56.6	33	6	04/05	100	0	80	30
Progeny 870	.	.	66	39.1	54.6	32	3	04/05	100	10	50	0
Pioneer 26R20	.	.	67	37.9	56.0	35	3	04/05	100	0	50	20
NC08-21273	.	.	68	36.9	58.3	32	4	04/05	100	0	80	40
PGX 11-14	.	.	69	34.4	51.6	33	6	04/05	100	40	0	20
NC-Cape Fear	.	.	70	34.3	61.6	29	6	04/05	100	0	90	50
Progeny 357	.	.	74	24.9	49.4	32	4	04/05	100	10	30	30
USG 3244	.	.	75	23.3	.	36	7	04/05	100	0	60	20
NC-Yadkin	.	.	76	15.0	46.9	28	3	04/07	100	20	20	20
Average	70.2	71.4		58.7 [2]	57.9	33	5	03/29	100	7	17	7
LSD at 10% Level	N.S.[3]	N.S.		17.6	2.6	3	8	-	-	-	-	-
Std. Err. of Entry Mean	2.7	3.7		7.6	1.1	1	3	-	-	-	-	-

Plains, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
3. C.V. = 25.7%, and df for EMS = 249.
4. 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).

Planted:	December 2, 2011.
Harvested:	May 24, 2012.
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:	Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.
Previous Crop:	Peanuts.

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

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2011-2012

	Yield[1]		2012 Data								
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
AGS 2026	**85.4**	**92.0**	7	87.1	58.8	35	1	03/24	.	0	40
Oglethorpe	**81.5**	**86.3**	21[T]	81.9	57.9	33	8	03/24	.	0	10
LA821	**81.4**	**86.7**	12	84.5	58.7	34	8	03/23	.	0	0
Coker 9700	**81.1**	**84.3**	20[T]	82.3	60.7	31	8	03/23	.	0	0
Jamestown	**80.1**	**86.3**	10	84.8	61.0	31	0	03/24	.	0	0
AGS 2035	**80.0**	**84.9**	16	83.6	59.7	35	5	03/26	.	0	0
Dyna-Gro Baldwin	**78.4**	**83.6**	15	83.8	60.4	39	0	03/30	.	0	0
SS8641	**77.1**	**83.1**	25	78.8	59.6	37	0	04/01	.	0	0
AGS 2060	**76.9**	**82.3**	8	86.0	62.1	37	6	03/25	.	0	0
USG 3555	**75.7**	**79.4**	36	74.8	57.0	29	1	04/01	.	0	0
Progeny 117	**75.4**	**80.9**	32[T]	76.1	59.7	36	10	03/24	.	0	0
GA021245-9E16	**74.8**	**80.3**	19	82.7	59.1	35	0	03/25	.	0	0
SS8308	**74.8**	**79.2**	54	65.8	59.3	31	1	04/05	.	0	10
AGS 2038	**74.3**	**82.1**	18	82.9	59.3	37	1	03/27	.	0	0
Arcadia	**73.6**	**77.6**	44	70.4	59.0	33	23	03/26	.	0	0
SS8404	**72.4**	**76.7**	57	63.1	60.5	29	1	04/05	.	0	40
Pioneer 26R61	**72.2**	**78.9**	38	74.6	59.9	37	0	03/25	.	0	0
Fleming	**70.9**	**75.3**	42	72.9	60.5	31	4	03/14	.	0	0
USG 3251	**69.8**	**70.4**	66	48.5	53.3	33	1	04/05	.	0	0
LA841	**69.3**	**75.2**	41	73.0	55.8	33	3	03/26	.	0	0
SS520	**67.2**	**65.9**	67	48.4	59.9	33	1	03/30	.	0	50
USG 3438	**66.6**	**62.1**	72	40.2	51.5	31	3	04/05	.	0	0
Progeny 185	**65.6**	**66.8**	64	51.1	55.5	35	1	04/05	.	0	0
GA031134-10E29	.	**90.5**	11	84.6	59.2	33	12	04/02	.	0	0
GA04570-10E46	.	**90.2**	3	89.0	60.0	37	0	03/24	.	0	0
GA021338-9EE11	.	**87.4**	9	85.7	60.3	35	1	03/25	.	0	0
GA031086-10E26	.	**86.0**	20[T]	82.3	59.8	35	3	03/30	.	0	0
GA031257-10LEL34	.	**83.9**	35	74.9	61.0	33	0	04/01	.	0	0
USG 3409	.	**83.6**	30	77.2	59.1	38	0	04/01	.	0	10
GA031257-10E41	.	**82.7**	28	77.8	61.1	33	0	03/28	.	0	0
GA031238-10LEL33	.	**81.3**	31	77.1	60.0	33	1	04/02	.	0	0
GA021773-9EE21	.	**80.3**	33	75.6	58.4	33	3	03/24	.	0	0
Pioneer Pioneer Pioneer 26	.	**76.7**	56	64.0	55.9	33	0	04/05	.	0	0
GA-Gore	.	**71.6**	55	64.8	44.9	35	16	03/27	.	0	0
TV8525	.	**70.6**	60	53.8	57.1	31	0	04/05	.	0	20
TV8535	.	**70.0**	65	49.0	54.6	29	13	04/05	.	0	0
TV8626	.	**64.7**	71[T]	41.3	50.1	31	1	04/05	.	0	10
GA041052-11E51	.	.	1	**96.1**	60.5	30	8	03/23	.	0	0
GA03136-10EEL9	.	.	2	**95.2**	56.5	31	8	03/23	.	0	0
GA041293-11E54	.	.	4[T]	88.3	58.5	33	0	03/28	.	0	0
GA041323-11E63	.	.	4[T]	88.3	59.3	36	0	03/28	.	0	0
GA04434-11E44	.	.	5	88.0	58.5	33	0	03/26	.	0	0
GA04151-11E26	.	.	6	87.6	61.3	34	8	03/29	.	0	0
LA04110D-7	.	.	13	84.2	61.5	35	5	03/25	.	0	0
GA031421-11E57	.	.	14	84.0	59.9	31	0	04/01	.	0	0

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2011-2012
(Continued)

	Yield[1]		2012 Data								
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
GA04500-11LE11	.	.	17	83.1	58.5	34	5	03/31	.	0	0
VA07W-415	.	.	21[T]	81.9	59.1	37	0	04/01	.	0	0
GA041293-11LE37	.	.	22	80.9	59.5	33	0	03/27	.	0	0
GA041296-11LE39	.	.	23	80.7	60.3	35	0	03/31	.	0	0
GA04494-11E49	.	.	24	79.9	58.6	33	0	03/27	.	0	10
LA02015E201	.	.	26	78.5	59.7	33	0	03/24	.	0	0
LA02015E58	.	.	27	78.3	60.1	35	0	03/25	.	0	0
VA05W-151	.	.	29	77.3	61.0	29	10	03/24	.	0	10
GA04444-11LE25	.	.	32[T]	76.1	60.1	34	0	03/31	.	0	0
Progeny 125	.	.	34	75.4	58.6	31	1	03/25	.	0	0
GA04417-11E21	.	.	37	74.7	59.6	33	0	03/31	.	0	0
LA02024E12	.	.	39	74.2	58.3	35	0	03/26	.	0	0
VA06W-412	.	.	40	73.9	61	29	3	03/24	.	0	20
GA04510-11LE24	.	.	43	71.5	57.4	37	0	04/02	.	0	0
NC08-23323	.	.	45	69.1	58.9	37	0	04/05	.	0	0
SS 8500	.	.	46	68.9	57.3	35	0	04/05	.	0	0
Coker 9553	.	.	47	68.4	60.7	35	1	03/29	.	0	0
GA04244-11E1	.	.	48	67.4	58.4	33	1	04/03	.	0	0
Exp 32110	.	.	49	67.1	57.8	33	0	04/05	.	0	20
Pioneer Pioneer XW10T	.	.	50	66.9	56.8	25	0	04/05	.	0	10
VA08W-176	.	.	51	66.8	60.1	37	1	.	.	0	0
VA08W-294	.	.	52	66.6	57.9	33	1	03/25	.	0	0
NC08-23089	.	.	53	66.4	59.3	36	1	03/23	.	0	10
SS 8340	.	.	58	59.1	58.5	31	0	04/05	.	0	0
PGX 11-8	.	.	59	57.7	57.4	31	1	04/05	.	0	10
Exp 32111	.	.	61	52.9	56.3	29	1	04/05	.	0	30
SS 5205	.	.	62[T]	52.5	57.2	29	0	04/05	.	0	0
PGX 11-14	.	.	62[T]	52.5	52.6	31	0	04/05	.	0	0
Exp 32113	.	.	63	51.4	52.8	34	3	04/05	.	0	20
USG 3244	.	.	68	47.0	56.2	35	1	04/05	.	0	10
Pioneer 26R20	.	.	69	46.9	54.7	35	0	04/05	.	0	40
Progeny 357	.	.	70	41.8	50.9	31	0	04/05	.	0	20
USG 3562	.	.	71[T]	41.3	57.7	27	0	04/05	.	0	0
NC-Cape Fear	.	.	73	39.1	57.7	29	1	04/05	.	0	50
Progeny 870	.	.	74	38.1	53.6	27	1	04/05	.	0	0
NC08-21273	.	.	75	36.6	57.5	29	0	04/05	.	0	60
Exp 32112	.	.	76	33.9	49.9	31	0	04/05	.	0	20
NC-Yadkin	.	.	77	27.2	50.4	31	1	04/05	.	0	40
Average	75.0	79.4		69.4 [2]	57.9	33	2	03/30	.	0	7
LSD at 10% Level	N.S.[3]	N.S.		5.5	3.4	1	8	-		-	-
Std. Err. of Entry Mean	2.4	2.5		2.3	1.4	1	3	-		-	-

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2011-2012
(Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 6.8%, and df for EMS = 246.
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).

Planted:	December 2, 2011.
Harvested:	May 24, 2012.
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:	Disked, chisel plowed and rotated; irrigated 1 inch on March 26, 2012; Tilt used for disease control.
Previous Crop:	Peanuts.

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

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2011-2012

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with Fungicide	Change with Fungicide	Leaf Rust
	--------- bu/acre ---------		bu/acre	%	%
GA04570-10E46	**83.1**	89.0	5.8	**7.0**	0
AGS 2035	**82.0**	83.6	1.7	**2.0**	0
GA041323-11E63	**81.9**	88.3	6.3	**7.8**	0
GA041293-11E54	**80.2**	88.3	8.1	**10.1**	0
GA04151-11E26	**78.2**	87.6	9.5	**12.1**	0
GA04434-11E44	**77.6**	88.0	10.4	**13.4**	0
Coker 9700	**77.3**	82.3	5.0	**6.5**	0
AGS 2038	**75.6**	82.9	7.3	**9.7**	0
GA04444-11LE25	**74.3**	76.1	1.8	**2.5**	0
GA03136-10EEL9	**73.9**	**95.2**	**21.3**	**28.8**	0
GA031257-10E41	**73.4**	77.8	4.4	**6.0**	0
GA021338-9EE11	**73.4**	85.7	12.3	**16.8**	0
LA02015E58	**73.1**	78.3	5.1	**7.0**	0
GA041052-11E51	**73.1**	**96.1**	**23.1**	**31.6**	0
GA041293-11LE37	**72.0**	80.9	8.9	**12.4**	0
Oglethorpe	**71.9**	81.9	10.1	**14.0**	10
GA04510-11LE24	**70.1**	71.5	1.5	**2.1**	0
GA031086-10E26	**69.9**	82.3	12.4	**17.7**	0
SS8641	**69.7**	78.8	9.1	**13.0**	0
GA04494-11E49	**69.7**	79.9	10.3	**14.7**	10
Jamestown	**69.5**	84.8	**15.3**	**22.0**	0
VA07W-415	**69.3**	81.9	12.6	**18.2**	0
AGS 2060	**69.3**	86.0	**16.7**	**24.1**	0
AGS 2026	**69.2**	87.1	**17.9**	**25.9**	40
NC08-23323	**68.0**	69.1	1.0	**1.5**	0
GA04417-11E21	**67.2**	74.7	7.5	**11.2**	0
Arcadia	**66.8**	70.4	3.6	**5.4**	0
VA08W-294	**66.1**	66.6	0.5	**0.7**	0
GA031238-10LEL33	**65.9**	77.1	11.2	**17.0**	0
LA04110D-7	**65.9**	84.2	**18.3**	**27.8**	0
LA841	**65.6**	73.0	7.4	**11.3**	0
LA02015E201	**65.5**	78.5	12.9	**19.8**	0
USG 3555	65.0	74.8	9.8	**15.1**	0
Progeny 125	64.6	75.4	10.8	**16.7**	0
GA021245-9E16	64.4	82.7	18.4	**28.5**	0
SS 5205	63.4	52.5	-10.9	**-17.2**	0
GA031134-10E29	63.3	84.6	**21.3**	**33.7**	0
GA04500-11LE11	62.8	83.1	**20.2**	**32.2**	0
LA821	62.8	84.5	**21.8**	**34.6**	0
Coker 9553	62.5	68.4	5.9	**9.4**	0
VA05W-151	62.4	77.3	**15.0**	**24.0**	10
SS 8500	62.3	68.9	6.6	**10.6**	0
VA06W-412	62.3	73.9	11.7	**18.7**	20
GA04244-11E1	62.1	67.4	5.3	**8.6**	0
LA02024E12	61.7	74.2	12.5	**20.3**	0
Exp 32110	61.0	67.1	6.2	**10.1**	20
Dyna-Gro Baldwin	60.7	83.8	**23.1**	**38.0**	0
VA08W-176	60.6	66.8	6.2	**10.2**	0
USG 3409	59.4	77.2	**17.8**	**30.0**	10
USG 3562	59.1	41.3	-17.8	**-30.1**	0

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2011-2012 (Continued)

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with Fungicide	Change with Fungicide	Leaf Rust
	--------- bu/acre ---------		bu/acre	%	%
GA041296-11LE39	59.0	80.7	**21.7**	**36.7**	0
GA021773-9EE21	58.2	75.6	**17.4**	**29.8**	0
Progeny 117	57.4	76.1	**18.7**	**32.6**	0
Pioneer XW10T	55.1	66.9	11.8	**21.4**	10
GA-Gore	54.6	64.8	10.2	**18.7**	0
SS 8340	54.4	59.1	4.7	**8.6**	0
Pioneer 26R61	54.4	74.6	**20.3**	**37.3**	0
GA031421-11E57	52.8	84.0	**31.3**	**59.2**	0
Progeny 185	51.7	51.1	-0.6	**-1.2**	0
Fleming	51.4	72.9	**21.6**	**42.0**	0
NC08-23089	51.2	66.4	**15.2**	**29.6**	10
SS8308	51.1	65.8	**14.7**	**28.7**	10
Exp 32113	48.6	51.4	2.8	**5.7**	20
TV8535	46.0	49.0	3.0	**6.6**	0
Pioneer 26R10	45.7	64.0	**18.3**	**40.1**	0
USG 3438	45.5	40.2	-5.3	**-11.6**	0
PGX 11-8	43.6	57.7	**14.1**	**32.4**	10
GA031257-10LEL34	43.4	74.9	**31.5**	**72.5**	0
SS520	42.6	48.4	5.7	**13.4**	50
Exp 32112	42.1	33.9	-8.1	**-19.3**	20
TV8525	41.0	53.8	12.8	**31.3**	20
Exp 32111	39.5	52.9	**13.4**	**34.1**	30
Progeny 870	39.1	38.1	-1.0	**-2.6**	0
Pioneer 26R20	37.9	46.9	9.0	**23.8**	40
NC08-21273	36.9	36.6	-0.3	**-0.7**	60
PGX 11-14	34.4	52.5	**18.1**	**52.6**	0
NC-Cape Fear	34.3	39.1	4.8	**13.9**	50
SS8404	32.3	63.1	**30.8**	**95.6**	40
TV8626	31.9	41.3	9.4	**29.4**	10
USG 3251	31.7	48.5	**16.8**	**53.1**	0
Progeny 357	24.9	41.8	**16.8**	**67.5**	20
USG 3244	23.3	47.0	**23.8**	**102.2**	10
NC-Yadkin	15.0	27.2	12.2	**81.5**	40
Average	58.7	69.4	10.8	21.4	7
LSD at 10% Level	17.6	5.5	18.4	N.S.[3]	-
Std. Err. of Entry Mean	7.6	2.3	7.9	27.4	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Tilt fungicide applied to control fungal diseases.
3. The F-test indicated no statistical differences 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).

Plains, Georgia:
Late-Planted Wheat Grain Performance, 2011-2012

	Yield[1]		2012 Data								
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
Coker 9700	**57.7**	**64.8**	5	58.4	61.5	.	.	03/27	.	20	0
AGS 2060	**55.5**	**59.2**	4	59.7	62.4	.	.	03/31	.	20	0
Jamestown	**53.9**	**60.0**	6	56.5	61.5	.	.	03/31	.	0	20
Progeny 117	**52.8**	**55.7**	8	49.0	60.3	.	.	03/31	.	0	0
Fleming	**52.2**	**55.5**	11	45.8	59.7	.	.	03/18	.	0	0
Arcadia	**49.9**	**57.8**	9	48.2	60.9	.	.	04/03	.	0	20
USG 3555	**42.6**	**44.0**	14	21.3	.	.	.	04/05	.	0	0
SS520	**41.7**	**39.0**	15	17.0	.	.	.	04/05	.	0	20
GA03136-10EEL9	.	**66.6**	3	**65.3**	59.2	.	.	03/28	.	0	0
GA03580-10EEL15	.	**66.5**	2	**67.8**	61.6	.	.	03/29	.	0	0
USG 3409	.	**55.9**	12	45.7	56.5	.	.	04/05	.	20	20
GA041418-11EE16	.	.	1	**69.3**	59.8	.	.	03/30	.	0	0
Coker 9553	.	.	7	49.4	60.4	.	.	04/03	.	0	20
Progeny 125	.	.	10	47.7	57.6	.	.	03/31	.	0	0
GA021773-9EE21	.	.	13	44.1	60.1	.	.	04/03	.	60	0
USG 3562	.	.	16	7.3	.	.	.	04/05	.	0	20
Average	50.8	56.8		47.0 [2]	60.1	.	.	03/31	.	8	8
LSD at 10% Level	N.S.[3]	N.S.		6.4	1.0			02		-	-
Std. Err. of Entry Mean	1.6	1.8		2.6	0.4			01		-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
3. C.V. = 7.8%, and df for EMS = 15.
4. 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).

Planted: December 15, 2011.
Harvested: May 25, 2012.
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: Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.
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, 2011-2012

	Yield[1]		2012 Data								
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
Coker 9700	**61.2**	**69.2**	8	64.2	61.7	32	10	03/27	.	0	0
Jamestown	**60.8**	**69.2**	6	68.2	62.1	32	5	03/29	.	0	20
AGS 2060	**60.6**	**69.2**	5	72.1	63.1	38	0	03/31	.	0	0
Progeny 117	**60.0**	**66.8**	9	63.6	61.0	32	2	04/01	.	0	20
Fleming	**59.1**	**69.9**	4	72.4	61.8	30	5	03/19	.	0	0
USG 3555	**56.0**	**65.2**	14	53.8	54.2	30	2	04/05	.	0	0
Arcadia	**53.9**	**62.7**	11	59.7	60.5	32	0	04/01	.	0	40
SS520	**52.2**	**57.3**	15	38.0	57.3	32	10	04/05	.	0	60
GA03580-10EEL15	.	**76.4**	1	**84.3**	63.0	30	0	03/29	.	0	0
GA03136-10EEL9	.	**74.5**	3	76.6	58.9	32	2	03/27	.	0	0
USG 3409	.	**64.2**	13	58.7	56.0	34	0	04/05	.	0	20
GA041418-11EE16	.	.	2	**80.9**	60.0	34	2	03/30	.	0	0
Progeny 125	.	.	7	68.0	58.7	35	2	04/01	.	0	0
Coker 9553	.	.	10	60.7	60.8	32	2	04/03	.	0	0
GA021773-9EE21	.	.	12	59.0	61.2	34	0	03/31	.	0	0
USG 3562	.	.	16	12.8	.	28	2	04/05	.	0	20
Average	58.0	67.7		62.1 [2]	60.0	32	3	03/31	.	0	11
LSD at 10% Level	N.S.[3]	N.S.		5.3	0.6	-	-	01		-	-
Std. Err. of Entry Mean	1.6	2.0		2.2	0.2	-	-	01		-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 7.2%, and df for EMS = 45.
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

Planted: December 2, 2011.
Harvested: May 15, 2012.
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: Disked, chisel plowed and rotated; irrigated 1 inch on March 26, 2012; Tilt used for disease control.
Previous Crop: Peanuts.

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

Midville, Georgia:
Wheat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
SS8404	**53.1**	**67.7**	15[T]	70.2	57.7	37	1	03/15	100	0
Dyna-Gro Baldwin	**52.7**	**67.6**	17	68.1	55.7	43	36	03/23	100	40
AGS 2038	**52.3**	64.8	22	67.0	56.6	42	41	03/22	100	0
Jamestown	**51.5**	**66.1**	12	70.5	58.8	37	38	03/17	100	0
Arcadia	**51.1**	63.8	19[T]	67.9	55.9	38	44	03/17	100	0
SS8308	**50.5**	63.1	35	63.7	57.3	39	21	03/28	100	40
Pioneer 26R61	**49.7**	63.6	33	64.6	57.8	41	55	03/17	100	20
GA021245-9E16	**49.4**	61.7	29[T]	65.5	57.5	40	15	03/18	100	0
AGS 2035	49.0	63.7	51	57.9	56.0	41	63	03/18	100	60
USG 3555	**48.5**	**67.1**	9	71.8	55.0	38	0	03/26	100	0
USG 3251	48.2	60.9	56	56.7	54.3	40	5	04/03	100	0
USG 3438	48.2	57.5	47	59.1	54.4	37	0	04/01	100	40
LA01110D-150	48.0	59.7	60	53.6	53.8	41	83	03/20	100	0
LA821	45.3	56.9	63	52.1	54.2	38	64	03/16	100	0
SS8641	44.7	63.9	31	65.1	56.6	41	6	03/23	100	0
AGS 2060	44.7	55.6	50	58.3	57.0	41	80	03/18	100	20
Progeny 185	44.0	62.8	18	68.0	56.9	46	0	03/28	100	40
Fleming	43.0	53.6	61	53.3	54.4	36	59	03/16	100	40
LA841	42.0	51.5	58	54.6	53.8	39	85	03/17	100	40
Progeny 117	41.8	58.6	55	57.0	56.5	41	48	03/18	100	20
AGS 2026	38.3	53.2	69	50.3	51.1	37	73	03/19	100	0
Oglethorpe	34.7	46.8	72[T]	48.4	52.7	36	46	03/17	100	0
SS520	34.3	46.7	73	46.8	54.1	41	16	03/21	100	0
Coker 9700	34.2	48.3	72[T]	48.4	56.1	38	73	03/17	100	0
USG 3409	.	**71.5**	6	74.1	56.9	40	0	03/28	100	0
GA031134-10E29	.	**70.6**	3	**78.7**	55.8	38	56	03/26	100	0
GA021338-9EE11	.	**69.0**	7	72.3	57.3	41	0	03/20	100	0
GA031257-10LEL34	.	**67.8**	13	70.4	58.3	38	16	03/25	100	0
Pioneer Pioneer 26R10	.	**66.7**	28	65.6	55.0	38	0	04/02	100	20
GA04570-10E46	.	**65.4**	29[T]	65.5	56.1	43	65	03/18	100	0
GA031257-10E41	.	64.8	21	67.1	57.5	37	39	03/23	100	0
TV8525	.	60.6	38	63.1	56.5	39	3	03/29	100	0
TV8626	.	60.3	67	50.8	50.6	38	9	04/03	100	40
TV8535	.	59.7	59	54.3	54.0	37	5	04/02	100	60
GA031238-10LEL33	.	59.3	52	57.8	58.6	37	8	03/26	100	0
GA031086-10E26	.	55.4	68	50.7	53.5	38	55	03/23	100	0
GA021773-9EE21	.	52.8	71	48.5	52.8	38	59	03/23	100	20
GA-Gore	.	51.2	70	50.2	51.2	40	88	03/20	100	20
GA04434-11E44	.	.	1	**86.9**	56.1	38	44	03/22	100	0
GA041293-11LE37	.	.	2	**82.0**	58.0	41	10	03/21	100	0
GA041293-11E54	.	.	4	**77.6**	57.4	40	21	03/18	100	0
GA041323-11E63	.	.	5	74.7	56.4	38	10	03/22	100	0
Exp 32110	.	.	8[T]	72.1	56.8	39	3	03/28	100	40
GA04417-11E21	.	.	8[T]	72.1	55.8	38	39	03/23	100	0
VA06W-412	.	.	10	71.6	56.5	36	21	03/22	100	20

Midville, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
GA04244-11E1	.	.	11	71.4	58.4	40	0	03/23	100	0
LA02024E12	.	.	14	70.3	58.1	38	0	03/17	100	0
GA04151-11E26	.	.	15[T]	70.2	56.6	40	60	03/23	100	0
Pioneer Pioneer XW10T	.	.	16	68.9	55.5	37	0	04/02	100	40
GA04500-11LE11	.	.	19[T]	67.9	52.7	38	48	03/19	100	60
GA041052-11E51	.	.	20	67.4	55.7	38	85	03/16	100	0
VA08W-176	.	.	23	66.9	58.8	41	0	03/26	100	0
VA05W-151	.	.	24[T]	66.4	58.2	37	26	03/23	100	20
SS 8340	.	.	24[T]	66.4	57.6	37	0	03/30	100	40
LA02015E58	.	.	25	66.2	58.2	41	46	03/17	100	0
Exp 32111	.	.	26[T]	66.1	56.4	37	1	03/29	100	40
SS 8500	.	.	26[T]	66.1	56.3	41	13	03/28	100	0
Coker 9553	.	.	27	65.7	57.7	38	3	03/23	100	60
PGX 11-8	.	.	30	65.2	56.1	39	0	03/28	100	0
NC08-23323	.	.	32	65.0	57.2	42	18	03/26	100	0
GA04444-11LE25	.	.	34	64.1	58.9	38	15	03/23	100	0
LA04110D-7	.	.	36[T]	63.6	58.7	40	73	03/18	100	0
GA03136-10EEL9	.	.	36[T]	63.6	53.6	38	45	03/16	100	20
LA02015E201	.	.	37	63.2	56.9	41	59	03/16	100	20
NC08-23089	.	.	39	62.6	56.6	38	49	03/17	100	40
GA041296-11LE39	.	.	40	62.2	56.1	40	63	03/22	100	0
VA07W-415	.	.	41	61.7	54.5	39	0	03/23	100	0
GA04494-11E49	.	.	42	61.2	53.9	37	68	03/18	100	0
Progeny 870	.	.	43	61.1	54.5	37	0	04/01	100	60
GA031421-11E57	.	.	44	60.4	54.1	41	23	03/22	100	0
Progeny 125	.	.	45	59.7	55.2	39	24	03/22	100	40
USG 3562	.	.	46	59.3	57.9	39	0	04/02	100	40
VA08W-294	.	.	48	59.0	56.6	39	0	03/20	100	0
NC08-21273	.	.	49	58.6	57.7	38	0	03/30	100	0
NC-Cape Fear	.	.	53	57.7	58.3	39	5	03/29	100	0
SS 5205	.	.	54	57.4	56.2	36	35	03/28	100	0
GA04510-11LE24	.	.	57	56.5	53.2	40	10	03/28	100	40
PGX 11-14	.	.	62[T]	52.4	54.9	42	20	03/29	100	70
Exp 32113	.	.	62[T]	52.4	55.1	40	10	03/30	100	40
Pioneer 26R20	.	.	64	51.5	55.6	40	1	04/04	100	40
Progeny 357	.	.	65	51.1	51.8	34	1	04/03	100	60
USG 3244	.	.	66	50.9	54.4	42	10	04/02	100	40
NC-Yadkin	.	.	74	45.7	52.9	38	0	04/04	100	0
Exp 32112	.	.	75	45.0	52.8	39	21	04/05	100	40
Average	45.8	60.5		62.3 [2]	55.8	39	28	03/23	100	17
LSD at 10% Level	4.8	6.3		10.1	1.6	2	28	01	-	-
Std. Err. of Entry Mean	2.0	2.7		4.4	0.7	1	12	01	-	-

Midville, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 13.9%, and df for EMS = 249.

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

Planted:	November 18, 2011.
Harvested:	May 22, 2012.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Dothan loamy sand.
Soil Test:	P = Very High, K = High, and pH = 6.0.
Fertilization:	Preplant: 30 lb N, 46 lb P_2O_5, and 120 lb K_2O/acre.
	Topdress: 80 lb N/acre.
Management:	Disked, subsoiled and rototilled; Harmony Extra used for weed control.
Previous Crop:	Peanuts.

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

Midville, Georgia:
Late-Planted Wheat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
AGS 2060	**36.9**	**47.9**	5	54.9	57.6	30	21	03/27	100	40
Fleming	**35.1**	**43.5**	9	52.7	54.5	34	39	03/18	100	60
Jamestown	**33.2**	**43.4**	8	53.3	56.4	30	38	03/27	100	0
Coker 9700	**32.4**	**43.6**	4	57.6	57.1	24	36	03/28	100	40
USG 3555	**32.3**	**43.3**	6	54.6	52.4	32	0	03/30	100	20
Arcadia	**30.1**	**37.0**	15	42.0	53.4	34	15	03/28	100	80
SS520	**29.7**	**37.7**	12	50.7	55.0	28	11	03/27	100	20
Progeny 117	**27.8**	**37.2**	14	46.0	54.0	28	24	03/26	100	60
GA03580-10EEL15	.	**47.9**	3	61.0	57.6	26	8	03/27	100	0
GA03136-10EEL9	.	**44.6**	2	62.3	53.5	32	5	03/25	100	60
USG 3409	.	**36.6**	13	49.3	54.4	32	0	04/03	100	40
GA041418-11EE16	.	.	1	**75.0**	54.5	32	26	03/27	100	0
Coker 9553	.	.	7	53.7	56.4	32	23	03/28	100	60
GA021773-9EE21	.	.	10	51.1	52.4	26	25	03/28	100	0
Progeny 125	.	.	11	51.0	54.8	28	0	03/27	100	70
USG 3562	.	.	16	15.0	52.3	32	0	.	100	70
Average	32.2	42.1		51.9[2]	54.8	30	17	03/27	100	39
LSD at 10% Level	N.S.[3]	N.S.		6.1	1.3	-	22	-	-	-
Std. Err. of Entry Mean	1.4	2.1		2.6	0.6	-	9	-	-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.4%, and df for EMS = 45.
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, 2011.
Harvested: May 23, 2012.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Dothan loamy sand.
Soil Test: P = Very High, K = High, and pH = 6.0.
Fertilization: Preplant: 30 lb N, 46 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, subsoiled and rototilled; Harmony Extra used for weed control.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Wheat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Stripe Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
AGS 2026	**95.6**	**103.4**	2	**108.2**	56.6	34	0	03/19	100	0
Jamestown	**95.3**	**105.0**	8	**104.1**	57.5	32	0	03/16	100	0
TV8861	**95.2**	97.5	41	89.4	54.0	36	0	04/02	100	0
Oglethorpe	**93.8**	**108.2**	6	**104.9**	55.0	35	0	03/19	100	0
AGS 2038	**91.6**	**102.5**	22	99.3	56.5	39	0	03/24	100	0
AGS 2035	**91.3**	**104.0**	13	**103.0**	56.5	37	0	03/16	100	1
USG 3555	**90.3**	100.6	21	100.2	54.8	35	0	03/24	100	0
LA821	**89.9**	97.3	36	91.4	56.0	37	0	03/16	100	0
Dyna-Gro Baldwin	88.4	96.2	27	96.5	56.4	40	0	03/27	100	0
Pioneer 26R61	88.1	97.5	32[T]	93.7	57.0	37	0	03/21	100	0
USG 3438	86.9	96.2	51[T]	85.4	52.5	35	0	04/01	100	0
USG 3251	85.6	91.1	54[T]	83.8	52.3	37	0	04/04	100	0
SS8641	85.5	95.9	19	**101.0**	56.7	37	0	03/22	100	0
Progeny 117	82.8	88.8	48	87.8	54.3	37	0	03/20	100	5
GA021245-9E16	81.0	84.4	59	78.4	56.8	33	0	03/16	100	0
AGS 2060	80.3	93.4	55[T]	83.7	57.5	33	0	03/17	100	0
LA01110D-150	79.7	92.6	52	84.8	54.4	35	0	03/20	100	5
SS8308	76.0	81.8	62[T]	72.7	53.8	37	0	03/29	100	40
Progeny 185	71.1	76.1	64	71.3	52.7	36	0	03/28	100	40
LA841	69.9	80.4	62[T]	72.7	53.0	34	0	03/20	100	0
SS8404	62.4	61.4	71	55.0	51.9	32	0	03/26	100	70
SS520	52.8	55.0	74	42.2	45.3	36	0	03/22	100	80
GA021773-9EE21	.	**103.7**	11	**103.3**	57.3	35	0	03/20	100	0
GA031134-10E29	.	**103.5**	18	**101.5**	55.5	33	0	03/24	100	0
GA031086-10E26	.	**101.9**	25	97.7	55.1	33	0	03/22	100	0
GA031257-10LEL34	.	**101.8**	10	**103.6**	57.2	34	0	03/25	100	0
GA031257-10E41	.	**101.7**	12	**103.1**	57.6	35	0	03/21	100	0
GA04570-10E46	.	97.9	24	97.9	59.0	38	0	03/17	100	0
USG 3409	.	96.7	37	90.7	54.4	36	0	03/28	100	10
GA031238-10LEL33	.	95.7	17	**101.8**	57.0	35	0	03/24	100	0
TV8848	.	95.7	54[T]	83.8	53.8	37	0	04/03	100	0
Dyna-Gro 9171	.	95.6	46	88.1	52.1	36	0	04/01	100	0
Pioneer Pioneer 26R10	.	93.8	47	87.9	54.1	34	0	04/03	100	0
GA021338-9EE11	.	90.7	44	88.4	55.3	37	0	03/14	100	0
TV8525	.	89.3	43	89.1	55.1	36	0	03/29	100	5
Dyna-Gro 9053	.	86.9	60	77.6	51.9	35	0	04/05	100	5
TV8535	.	85.6	56	83.0	52.9	35	0	04/01	100	0
TV8626	.	82.7	67	69.8	50.7	34	0	04/05	100	0
GA-Gore	.	78.9	61	74.3	52.2	36	0	03/21	100	50
Roberts	.	78.7	63	72.3	51.1	34	0	03/24	100	80
GA041052-11E51	.	.	1	**110.7**	56.6	34	0	03/17	100	0
VA07W-415	.	.	3	**107.1**	55.6	37	0	03/25	100	0
LA04110D-7	.	.	4	**105.7**	57.7	37	0	03/17	100	0
GA04417-11E21	.	.	5	**105.6**	53.3	33	0	03/24	100	0
GA031421-11E57	.	.	7	**104.4**	57.6	36	0	03/19	100	0

Griffin, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Stripe Rust
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
GA041293-11E54	.	.	9	**103.9**	56.8	35	0	03/19	100	0
Progeny 125	.	.	14	**102.7**	55.3	35	0	03/17	100	0
GA04494-11E49	.	.	15	**102.2**	56.7	35	0	03/17	100	0
GA04500-11LE11	.	.	16	**101.9**	56.1	36	0	03/23	100	0
GA041296-11LE39	.	.	20	**100.8**	57.4	34	0	03/21	100	0
NC08-23323	.	.	23	98.1	56.1	36	0	03/24	100	0
GA04244-11E1	.	.	26	97.2	57.3	35	0	03/26	100	0
GA04444-11LE25	.	.	28	94.9	57.8	34	0	03/20	100	0
GA04434-11E44	.	.	29	94.5	55.5	33	0	03/20	100	0
SS 8500	.	.	30[T]	94.1	57.2	40	0	03/31	100	0
VA05W-151	.	.	30[T]	94.1	57.1	36	0	03/21	100	10
GA041323-11E63	.	.	31[T]	93.8	55.0	34	0	03/20	100	0
GA041293-11LE37	.	.	31[T]	93.8	57.3	35	0	03/20	100	0
GA03136-10EEL9	.	.	32[T]	93.7	52.6	31	0	03/16	100	0
GA04151-11E26	.	.	33	92.6	57.2	35	0	03/24	100	0
GA04510-11LE24	.	.	34	92.1	56.8	38	0	03/29	100	0
Exp 32113	.	.	35[T]	92.0	54.7	38	0	04/01	100	0
VA08W-176	.	.	35[T]	92.0	57.5	36	0	03/29	100	0
LA02015E58	.	.	38	90.0	55.9	32	0	03/16	100	5
Pioneer 26R20	.	.	39	89.8	54.4	39	0	04/03	100	5
Pioneer Pioneer XW10T	.	.	40	89.5	54.3	34	0	04/01	100	0
PGX 11-14	.	.	42	89.2	54.9	38	0	04/02	100	0
LA02015E201	.	.	45[T]	88.2	56.2	33	0	03/16	100	0
SS 5205	.	.	45[T]	88.2	55.2	31	0	03/29	100	1
PGX 11-8	.	.	49	86.2	54.5	35	0	03/29	100	1
NC08-23089	.	.	50	85.8	54.9	35	0	03/16	100	30
Exp 32110	.	.	51[T]	85.4	54.8	35	0	03/31	100	10
LA02024E12	.	.	53	84.3	55.5	33	0	03/18	100	0
VA06W-412	.	.	55[T]	83.7	55.6	32	0	03/24	100	0
SS 8340	.	.	57[T]	82.2	56.5	34	0	04/01	100	0
USG 3562	.	.	57[T]	82.2	53.5	34	0	04/01	100	0
Progeny 870	.	.	58	81.1	51.2	34	0	04/02	100	0
VA08W-294	.	.	65	70.9	55.4	35	0	03/23	100	0
Exp 32112	.	.	66	70.5	53.5	36	0	04/05	100	10
Progeny 357	.	.	68	65.2	51.0	36	0	04/05	100	1
Exp 32111	.	.	69	64.0	50.0	33	0	03/31	100	40
NC-Yadkin	.	.	70	60.3	53.3	33	0	03/31	100	60
USG 3244	.	.	72	51.1	50.2	39	0	03/30	100	80
NC-Cape Fear	.	.	73	48.1	51.0	34	0	03/22	100	80
NC08-21273	.	.	75	36.9	52.7	33	0	03/31	100	90
Average	83.3	92.2		87.8 [2]	54.9	35	0	03/25	100	10
LSD at 10% Level	6.2	7.3		10.2	2.1	2	-	02	-	-
Std. Err. of Entry Mean	2.6	3.1		4.4	0.9	1	-	01	-	-

Griffin, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 10.0%, and df for EMS = 252.

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

Planted:	October 31, 2011.
Harvested:	May 21, 2012.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Cecil sandy loam.
Soil Test:	P = Medium, K = High, and pH = 5.4.
Fertilization:	Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
	Topdress: 70 lb N/acre.
Management:	Chisel plowed, disked and rototilled; Harmony Extra, Powerflex and Osprey used for weed control; Headline used for rust control; Karate used for insect control; applied 1500 lb lime/acre.
Previous Crop:	Fallow.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Wheat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	2012 Data Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
TV8861	**101.9**	**94.8**	18	**89.5**	52.9	36	0	04/08	100
USG 3555	**97.4**	**93.3**	31	85.4	54.8	34	3	03/31	100
LA01110D-150	**97.2**	**89.4**	4	**94.9**	52.1	39	13	03/28	100
SS520	**96.0**	**88.5**	3	**96.1**	53.7	39	35	03/28	100
USG 3251	**95.9**	**87.7**	49[T]	81.1	54.1	38	3	04/07	100
Dyna-Gro Baldwin	**94.1**	**93.8**	12	**92.1**	55.7	42	3	04/01	100
SS8404	**93.6**	**94.5**	25	86.8	56.7	35	0	04/01	100
SS8641	**92.4**	**88.9**	8	**93.3**	54.6	37	20	03/31	100
Jamestown	**91.9**	**89.8**	27	86.2	55.7	35	3	03/26	100
AGS 2035	**91.6**	**87.0**	22[T]	**88.6**	55.0	39	0	03/26	100
AGS 2038	**91.2**	**88.3**	28[T]	86.1	54.9	41	8	03/31	100
AGS 2026	**90.4**	**88.6**	28[T]	86.1	52.2	37	18	03/26	100
SS8308	**90.1**	**88.5**	61	77.1	56.3	37	3	04/03	100
Progeny 117	**89.4**	**88.5**	58	77.8	51.8	39	3	03/28	100
USG 3438	**89.1**	**84.4**	60	77.2	52.3	35	0	04/06	100
GA021245-9E16	**88.5**	**82.6**	44	82.4	55.0	36	5	03/29	100
LA821	**87.9**	**79.9**	73	69.4	50.9	38	10	03/24	100
Oglethorpe	**87.1**	**79.2**	59	77.4	50.0	38	23	03/26	100
LA841	**86.4**	**85.2**	33	84.9	51.3	37	0	03/27	100
AGS 2060	**86.0**	**84.4**	42	82.7	54.0	43	5	03/23	100
Progeny 185	**82.9**	**81.0**	39	83.0	53.1	40	0	04/05	100
Pioneer 26R61	**81.8**	**78.9**	40	82.9	54.2	41	3	03/28	100
Dyna-Gro 9171	.	**106.9**	1	**100.9**	52.4	35	0	04/05	100
Pioneer Pioneer 26R10	.	**94.2**	48	81.2	53.8	37	0	04/06	100
Dyna-Gro 9053	.	**94.2**	69	72.1	51.8	37	0	04/10	100
GA031086-10E26	.	**93.4**	10	**92.6**	51.5	37	15	03/27	100
GA031257-10LEL34	.	**92.2**	32[T]	85.0	55.2	35	10	03/28	100
GA031257-10E41	.	**92.1**	11	**92.2**	54.3	38	15	03/30	100
GA031238-10LEL33	.	**91.8**	19	**89.4**	56.2	37	10	04/01	100
GA031134-10E29	.	**91.1**	13	**91.8**	53.3	35	20	04/03	100
USG 3409	.	**89.9**	24	87.7	54.7	38	15	04/01	100
GA04570-10E46	.	**88.9**	14	**91.0**	55.7	39	0	03/24	100
TV8535	.	**88.9**	29	85.7	53.7	35	0	04/07	100
TV8525	.	**87.8**	34[T]	84.6	55.3	37	3	04/04	100
TV8626	.	**86.8**	67	73.1	50.7	35	0	04/10	100
GA021338-9EE11	.	**81.3**	70	71.6	55.6	39	0	03/28	100
Roberts	.	**79.0**	37	83.2	52.3	38	30	04/01	100
TV8848	.	**79.0**	74	66.5	52.8	38	8	04/08	100
GA021773-9EE21	.	**77.0**	53	80.2	52.6	39	3	03/27	100
GA-Gore	.	**70.9**	68	72.7	51.5	39	25	03/27	100
GA04434-11E44	.	.	2	**99.6**	53.9	36	5	03/29	100
GA041323-11E63	.	.	5	**94.6**	52.0	37	5	03/28	100
GA031421-11E57	.	.	6	**94.1**	53.0	35	10	03/27	100
Progeny 125	.	.	7[T]	**93.6**	54.5	36	5	03/26	100
VA06W-412	.	.	7[T]	**93.6**	54.9	36	5	03/29	100

Calhoun, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Exp 32110	.	.	9	**93.0**	54.9	37	0	04/05	100
NC08-23323	.	.	15	**90.4**	55.5	39	13	04/01	100
GA041293-11E54	.	.	16	**89.8**	53.4	37	0	03/28	100
GA04494-11E49	.	.	17[T]	**89.6**	53.9	36	0	03/27	100
NC-Cape Fear	.	.	17[T]	**89.6**	55.3	39	10	03/31	100
GA04500-11LE11	.	.	20	**89.2**	53.2	37	5	04/01	100
SS 5205	.	.	21	**89.0**	54.3	36	5	03/31	100
VA05W-151	.	.	22[T]	**88.6**	55.4	38	18	03/30	100
PGX 11-8	.	.	22[T]	**88.6**	56.0	37	3	04/07	100
GA04510-11LE24	.	.	23	**88.5**	53.4	38	8	04/01	100
GA04151-11E26	.	.	26	86.4	55.8	39	23	03/29	100
SS 8500	.	.	30	85.6	55.8	41	5	04/07	100
GA03136-10EEL9	.	.	32[T]	85.0	50.9	35	0	03/26	100
GA041293-11LE37	.	.	34[T]	84.6	54.5	39	3	03/27	100
USG 3244	.	.	35	83.6	55.2	42	0	04/01	100
PGX 11-14	.	.	36	83.3	51.3	40	5	04/10	100
VA08W-294	.	.	38	83.1	54.8	36	0	04/03	100
GA04444-11LE25	.	.	41	82.8	52.5	35	3	03/26	100
Pioneer 26R20	.	.	43	82.6	55.2	38	5	04/08	100
Pioneer Pioneer XW10T	.	.	45	81.8	53.7	36	0	04/07	100
SS 8340	.	.	46[T]	81.7	56.8	34	0	04/08	100
NC08-23089	.	.	46[T]	81.7	53.4	37	0	03/24	100
VA08W-176	.	.	46[T]	81.7	55.6	37	3	04/04	100
Exp 32111	.	.	47	81.6	52.1	35	8	04/07	100
LA02015E58	.	.	49[T]	81.1	52.6	37	0	03/27	100
GA04244-11E1	.	.	50	80.7	54.9	37	0	04/04	100
VA07W-415	.	.	51	80.5	53.6	38	3	04/04	100
NC-Yadkin	.	.	52	80.3	55.0	37	8	04/05	100
GA04417-11E21	.	.	57	79.4	53.4	35	0	03/28	100
Exp 32113	.	.	55	78.8	51.9	41	10	04/07	100
GA041296-11LE39	.	.	56	78.6	52.9	36	3	03/26	100
LA02024E12	.	.	57	78.0	53.2	35	0	03/27	100
Progeny 870	.	.	62	76.1	53.5	35	0	04/05	100
Progeny 357	.	.	63	75.3	51.6	35	0	04/07	100
NC08-21273	.	.	64	74.9	56.2	36	0	04/03	100
LA04110D-7	.	.	65	74.8	53.7	40	8	03/27	100
Exp 32112	.	.	66	74.0	53.5	37	0	04/10	100
LA02015E201	.	.	71	71.2	53.2	37	0	03/27	100
USG 3562	.	.	72[T]	70.8	52.9	36	0	04/06	100
GA041052-11E51	.	.	72[T]	70.8	50.3	33	5	03/25	100
Average	91.0	87.6		83.8[2]	53.7	37	6	03/31	100
LSD at 10% Level	N.S.[3]	N.S.		12.4	2.1	2	11	04	-
Std. Err. of Entry Mean	3.8	4.6		5.3	0.8	1	5	02	-

Calhoun, Georgia:
Wheat Grain Performance, 2011-2012 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 12.7%, and df for EMS = 252.
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 27, 2012.
Harvested:	May 24, 2012.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Rome gravelly clay loam.
Soil Test:	P = High, K = High, and pH = 6.0.
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; Osprey used for weed control.
Previous Crop:	Fallow.

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

Summary of Wheat Yields:
Georgia, 2011-2012 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average[5]	2-Year Average[6]	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	bu/acre								
AGS 2026	**73.0**	72.5	65.1	**93.0**	**96.0**	**97.1**	**81.6**	**81.9**	77.9
AGS 2035	**75.4**	**78.2**	74.6	91.5	**95.5**	**95.8**	**82.3**	**85.1**	83.1
AGS 2038	**72.4**	74.6	73.2	91.4	**95.4**	**92.7**	**80.6**	**82.9**	81.0
AGS 2060	65.0	68.0	69.0	83.1	88.9	83.2	72.8	76.4	74.7
Arcadia	70.7	71.5	69.8	.	.	.	.	.	.
Coker 9553	.	.	65.1	.	.	.	.	.	.
Coker 9700	71.8	71.0	66.7	.	.	.	.	.	.
Dyna-Gro 9053	.	.	.	.	90.5	74.8	.	.	.
Dyna-Gro 9171	.	.	.	.	**101.3**	**94.5**	.	.	.
Dyna-Gro Baldwin	69.4	70.8	67.0	91.2	**95.0**	**94.3**	78.7	80.5	77.9
Exp 32110	.	.	68.2	.	.	89.2	.	.	76.6
Exp 32111	.	.	48.3	.	.	72.8	.	.	58.1
Exp 32112	.	.	43.8	.	.	72.2	.	.	55.2
Exp 32113	.	.	47.2	.	.	85.4	.	.	62.5
Fleming	61.4	63.2	56.2	.	.	.	.	.	.
GA-Gore	.	62.2	58.4	.	74.9	73.5	.	67.3	64.4
GA021245-9E16	69.2	70.9	69.4	84.8	83.5	80.4	75.9	75.9	73.8
GA021338-9EE11	.	74.3	74.2	.	86.0	80.0	.	79.0	76.5
GA021773-9EE21	.	65.9	60.2	.	90.3	**91.8**	.	75.7	72.8
GA031086-10E26	.	70.7	65.1	.	**97.6**	**95.2**	.	81.4	77.1
GA031134-10E29	.	**75.5**	73.2	.	**97.3**	**96.7**	.	**84.2**	82.6
GA031238-10LEL33	.	70.0	63.7	.	93.7	**95.6**	.	79.5	76.4
GA031257-10E41	.	**77.6**	73.6	.	**96.9**	**97.6**	.	**85.3**	83.2
GA031257-10LEL34	.	71.5	63.5	.	**97.0**	**94.3**	.	**81.7**	75.8
GA03136-10EEL9	.	.	73.5	.	.	89.4	.	.	79.8
GA031421-11E57	.	.	64.6	.	.	**99.2**	.	.	78.4
GA041052-11E51	.	.	75.5	.	.	**90.7**	.	.	81.6
GA041293-11E54	.	.	**81.0**	.	.	**96.8**	.	.	**87.3**
GA041293-11LE37	.	.	77.3	.	.	89.2	.	.	82.0
GA041296-11LE39	.	.	65.6	.	.	**89.7**	.	.	75.2
GA041323-11E63	.	.	77.3	.	.	**94.2**	.	.	84.1
GA04151-11E26	.	.	75.5	.	.	89.5	.	.	81.1
GA04244-11E1	.	.	65.4	.	.	89.0	.	.	74.8
GA04417-11E21	.	.	69.5	.	.	**92.5**	.	.	78.7
GA04434-11E44	.	.	**86.0**	.	.	**97.1**	.	.	**90.4**
GA04444-11LE25	.	.	72.7	.	.	88.9	.	.	79.2
GA04494-11E49	.	.	69.7	.	.	**95.9**	.	.	80.2
GA04500-11LE11	.	.	67.3	.	.	**95.5**	.	.	78.6
GA04510-11LE24	.	.	65.0	.	.	**90.3**	.	.	75.1
GA04570-10E46	.	**79.1**	78.5	.	93.4	**94.5**	.	**84.8**	**84.9**

Summary of Wheat Yields:
Georgia, 2011-2012 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]	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	bu/acre								
Jamestown	72.0	74.3	72.0	**93.6**	**97.4**	**95.2**	**81.2**	**83.5**	81.3
LA01110D-150	70.4	72.5	68.4	88.4	91.0	**89.8**	78.1	79.9	77.0
LA02015E201	.	.	69.3	.	.	79.7	.	.	73.5
LA02015E58	.	.	72.0	.	.	85.5	.	.	77.4
LA02024E12	.	.	70.3	.	.	81.2	.	.	74.7
LA04110D-7	.	.	70.3	.	.	**90.2**	.	.	78.3
LA821	68.7	68.4	59.5	88.9	88.6	80.4	77.3	76.5	67.9
LA841	61.5	65.1	63.7	78.2	82.8	78.8	68.6	72.1	69.8
NC-Cape Fear	.	.	47.0	.	.	68.9	.	.	55.7
NC-Yadkin	.	.	33.0	.	.	70.3	.	.	47.9
NC08-21273	.	.	45.1	.	.	55.9	.	.	49.4
NC08-23089	.	.	64.3	.	.	83.8	.	.	72.1
NC08-23323	.	.	67.8	.	.	**94.3**	.	.	78.4
Oglethorpe	70.2	70.6	65.9	90.5	93.7	**91.1**	**78.9**	79.9	76.0
PGX 11-14	.	.	41.8	.	.	86.3	.	.	59.6
PGX 11-8	.	.	53.8	.	.	87.4	.	.	67.2
Pioneer 26R10	.	68.3	59.1	.	94.0	84.5	.	78.6	69.2
Pioneer 26R20	.	.	50.8	.	.	86.2	.	.	65.0
Pioneer 26R61	67.4	69.3	65.1	84.9	88.2	88.3	74.9	76.9	74.4
Pioneer XW10T	.	.	63.9	.	.	85.6	.	.	72.6
Progeny 117	65.5	66.0	58.3	86.1	88.6	82.8	74.3	75.0	68.1
Progeny 125	.	.	63.4	.	.	**98.1**	.	.	77.3
Progeny 185	65.7	66.6	59.2	77.0	78.6	77.2	70.6	71.4	66.4
Progeny 357	.	.	34.8	.	.	70.2	.	.	49.0
Progeny 870	.	.	44.7	.	.	78.6	.	.	58.3
Roberts	.	.	.	.	78.8	77.7	.	.	.
SS 5205	.	.	56.9	.	.	88.6	.	.	69.6
SS 8340	.	.	59.3	.	.	82.0	.	.	68.3
SS 8500	.	.	62.5	.	.	**89.8**	.	.	73.4
SS520	62.5	60.1	50.1	74.4	71.8	69.1	67.6	64.8	57.7
SS8308	68.7	69.7	58.3	83.1	85.1	74.9	74.9	75.8	64.9
SS8404	64.4	66.3	56.6	78.0	78.0	70.9	70.2	70.9	62.3
SS8641	**72.6**	74.1	71.7	88.9	92.4	**97.2**	**79.6**	81.4	81.9
TV8525	.	65.3	53.9	.	88.5	86.8	.	74.6	67.1
TV8535	.	60.3	43.7	.	87.3	84.4	.	71.1	59.9
TV8626	.	57.1	37.9	.	84.7	71.4	.	68.2	51.3
TV8848	.	.	.	.	87.3	75.1	.	.	.
TV8861	.	.	.	**98.6**	**96.1**	89.4	.	.	.
USG 3244	.	.	42.8	.	.	67.4	.	.	52.6
USG 3251	59.6	58.3	41.2	90.7	89.4	82.4	72.9	70.7	57.7

Summary of Wheat Yields:
Georgia, 2011-2012 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]	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	bu/acre								
USG 3409	.	72.3	65.0	.	93.3	89.2	.	80.7	74.6
USG 3438	60.3	58.6	43.5	88.0	90.3	81.3	72.2	71.3	58.6
USG 3555	70.6	72.5	66.4	**93.9**	**96.9**	**92.8**	**80.5**	**82.3**	77.0
USG 3562	.	.	52.2	.	.	76.5	.	.	61.9
VA05W-151	.	.	68.7	.	.	**91.4**	.	.	77.7
VA06W-412	.	.	69.9	.	.	88.6	.	.	77.4
VA07W-415	.	.	69.5	.	.	**93.8**	.	.	79.2
VA08W-176	.	.	62.0	.	.	86.8	.	.	71.9
VA08W-294	.	.	66.8	.	.	77.0	.	.	70.9
Average	67.9	69.0	62.4	87.2	89.9	85.8	75.9	77.3	71.8
LSD at 10% Level	3.3	4.0	7.1	6.5	6.9	9.5	3.4	3.7	5.8
Std. Err. of Entry Mean	1.4	4.9	3.7	2.8	4.0	4.1	1.5	1.6	4.5

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.
2. Tifton, Plains, and Midville.
3. Griffin and Calhoun.
4. All sites except Midville 2010 included in average.
5. Midville 2010 not included in average.
6. All three sites 2011 and 2012 used for average.

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, 2011-2012 with Two- and Three-Year Averages

	Yield[1]		
	South[2]		
Brand-Variety	3-Year Average	2-Year Average	2012
	---------- bu/acre ----------		
AGS 2060	**45.2**	54.1	52.5
Arcadia	41.4	49.4	42.3
Coker 9553	.	.	42.5
Coker 9700	**44.7**	55.7	48.4
Fleming	**43.0**	51.7	48.1
GA021773-9EE21	.	.	44.7
GA03136-10EEL9	.	**63.0**	59.9
GA03580-10EEL15	.	**63.1**	61.1
GA041418-11EE16	.	.	**67.0**
Jamestown	**45.6**	55.8	52.8
Progeny 117	39.7	48.9	40.5
Progeny 125	.	.	39.6
SS520	34.6	38.8	26.7
USG 3409	.	50.9	41.6
USG 3555	35.7	43.8	29.6
USG 3562	.	.	8.5
Average	41.2	52.3	44.1
LSD at 10% Level	2.6	3.5	5.3
Std. Err. Of Entry Mean	1.1	1.5	2.2

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.
2. Tifton, Plains, and Midville.

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,
2011-2012

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Powdery Mildew	Leaf Rust	Stripe Rust
	bu/acre	lb/bu	Julian days[2]	in	rating[3]	rating	rating
GA04570-10E46	**102.2**	60.7	81	36	0	0	0
VA09W-75	**97.9**	57.5	84	32	0	0	0
LA04026D-7	**96.7**	60.4	79	37	1	0	0
GA031257-10LE34	**96.5**	59.6	85	31	0	0	0
GA031134-10E29	**96.0**	58.3	87	30	0	0	0
MD03W151-10-12	**95.6**	58.7	82	30	0	4	1
GA031086-10E26	**95.3**	56.6	84	30	0	0	0
LA04110D-7	**95.2**	60.7	80	37	0	0	3
Jamestown	**94.4**	59.3	79	31	1	1	0
AR01179-4-1	89.5	58.1	92	36	0	0	0
NC08-23324	89.2	60.9	86	33	0	0	0
LA04041D-63	88.5	57.9	77	34	0	0	0
NC08-23089	87.1	58.0	78	30	0	0	4
VA10W-119	85.9	56.1	85	34	0	0	4
NC08-23090	85.6	58.7	79	30	0	0	4
NC08-23323	84.3	57.3	87	34	0	1	1
LA04041D-117	84.1	57.9	77	31	1	0	0
G00032	83.7	57.3	82	31	9	0	2
VA08W-176	82.2	52.5	91	33	0	0	0
USG 3555	81.9	55.7	85	31	0	8	0
Pioneer 26R61	75.9	61.1	82	37	1	0	1
AR01167-3-1	74.6	56.8	90	35	2	0	0
AGS 2000	66.7	58.3	80	35	0	0	6
MD03W665-10-5	61.9	54.8	92	30	0	0	4
VA10W-28	54.0	52.7	95	37	0	0	4
TN1201	35.0	50.5	97	32	0	0	6
G95407	33.9	48.9	95	35	0	0	5
TN1202	33.1	52.5	91	31	1	1	7
G96164	25.8	47.7	101	33	0	6	3
Average	78.4	56.7	85.6	33.0	0.6	0.7	1.9
LSD at 5% Level	10.9[4]						

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 6.7%.

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

Planted: November 14, 2011.
Harvested: May 15, 2012
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Greenville sandy loam.
Fertilization: Preplant: 80 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 80 lb N/acre.

Test conducted by J. Johnson, D. Bland, S. Sutton, J. Buck, and J. Youmans

Griffin, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery,
2011-2012

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	Stripe Rust
	bu/acre	lb/bu	Julian days[2]	in	%	rating[3]	rating
GA031257-10LE34	**92.2**	59.8	87	35	0	0	0
GA04570-10E46	**86.6**	61.8	83	41	10	0	1
NC08-23324	**81.2**	61.4	88	37	0	0	0
Jamestown	**80.1**	59.5	80	34	50	0	0
VA08W-176	78.7	61.6	86	39	0	0	1
LA04041D-63	78.2	58.3	81	36	0	0	0
VA09W-75	78.1	58.4	83	38	0	0	0
GA031086-10E26	77.7	59.7	88	34	40	0	0
AR01179-4-1	77.2	58.6	87	40	10	6	0
MD03W151-10-12	75.8	59.3	81	37	0	0	1
GA031134-10E29	75.6	57.6	87	37	50	0	0
AR01167-3-1	75.4	56.4	88	39	0	6	0
LA04026D-7	74.4	60.2	82	37	70	0	0
NC08-23323	74.2	61.8	88	37	30	0	1
VA10W-119	72.5	58.5	84	39	0	0	3
LA04041D-117	71.8	58.8	80	34	20	0	0
LA04110D-7	71.4	60.0	81	38	20	0	0
USG 3555	71.2	57.6	90	34	10	0	0
G00032	70.2	56.6	87	40	20	8	0
NC08-23089	68.3	58.9	80	34	30	0	4
NC08-23090	66.6	59.2	80	32	20	0	2
VA10W-28	66.3	59.6	90	43	0	0	1
Pioneer 26R61	62.7	60.2	87	37	20	1	0
AGS 2000	58.9	58.3	83	36	80	0	5
MD03W665-10-5	58.5	59.7	89	34	0	0	5
TN1201	53.2	58.4	93	34	20	0	3
G96164	47.2	60.5	99	40	0	0	4
TN1202	40.5	51.4	92	34	20	.	7
G95407	38.9	53.8	85	42	30	0	9
Average	69.8	58.8	86	37	19	1	2
LSD at 5% Level	13.1						

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 11.5%.

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

Planted: November 1, 2011.
Harvested: May 18, 2012.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Cecil sandy loam.
Fertilization: Preplant: 80 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 80 lb N/acre.

Test conducted by J. Johnson, D. Bland, S. Sutton, J. Buck, and J. Youmans

Triticale

Tifton, Georgia:
Triticale Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Cold Damage[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Trical 342	90.4	87.7	1	**77.0**	50.4	48	3	03/02	24
FL01149	.	.	2	62.9	51.2	45	13	03/03	13
FL01008	.	.	3	61.5	52.5	51	29	02/29	85
FL06207	.	.	4	60.1	54.9	43	10	02/29	41
FL0014	.	.	5	59.5	54.4	44	45	03/02	65
FL0013	.	.	6	51.6	46.5	47	14	02/27	78
FL01143	.	.	7	45.6	49.0	49	16	02/26	75
Average	90.4	87.7		59.7 [3]	51.3	47	18	02/29	54
LSD at 10% Level	-	-		4.4	4.0	2	15	01	15
Std. Err. of Entry Mean	-	-		1.9	0.4	1	6	01	6

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. Rated as percent damage
3. C.V. = 6.0%, and df for EMS = 18.

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

Planted: November 16, 2011.
Harvested: May 18, 2012.
Seeding Rate: Triticale: 22 seeds/foot in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 70 lb N/acre.
Management: Disked and rototilled; Harmony Extra used for weed control; Warrior used for insect control.
Previous Crop: Canola.

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

Oat

Tifton, Georgia:
Oat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Gerard 224	**124.3**	**114.3**	8	**95.0**	33.5	47	0	03/20	95
Horizon 201	**124.1**	**108.3**	1	**112.7**	32.5	52	4	03/18	100
Horizon 270	**118.3**	**108.5**	13	79.6	33.4	40	0	03/19	100
Gerard 229	**114.6**	**101.1**	17	75.5	28.9	40	0	03/25	95
TAMO 406	**113.3**	**101.4**	3	**100.5**	34.2	46	9	03/19	90
SS76-40	**95.3**	**92.0**	15	78.3	33.8	44	0	03/20	95
Exp 76-50	.	**113.8**	2	**108.0**	32.2	44	0	03/18	95
LA05006GSBS-65-S1	.	**106.0**	5	**96.0**	34.4	47	0	03/20	100
NC07-3801	.	.	4	**96.2**	34.2	47	0	03/22	90
LA04004SBSB-7-B-S1	.	.	6	**95.4**	35.3	45	0	03/18	95
RAM LA99016	.	.	7	**95.2**	35.3	52	0	03/19	80
TAMO 411	.	.	9	80.9	32.8	44	0	03/19	95
FL06050-N2	.	.	10	80.5	28.8	51	0	03/23	100
LA05011GSBS-30	.	.	11	79.9	31.8	45	0	03/20	85
TX05CS542	.	.	12	79.7	29.6	47	3	03/17	100
Plot Spike LA9339	.	.	14	78.4	30.6	47	1	03/24	100
FL04179-L2	.	.	16	77.1	30.8	45	3	03/24	95
LA020265SBSBSBSB-88	.	.	18	70.1	33.0	45	0	03/17	85
FL02011	.	.	19	62.1	38.6	42	0	03/26	55
FL06107-N3	.	.	20	41.9	29.2	41	60	03/17	45
Average	115.0	105.7		84.1 [2]	32.6	45	4	03/20	90
LSD at 10% Level	N.S.[2]	N.S.		21.6	1.6	4	5	01	-
Std. Err. of Entry Mean	3.5	4.4		9.1	0.7	2	2	01	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 21.7%, and df for EMS = 57.
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 15, 2011.
Harvested: May 18, 2012.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 70 lb N/acre.
Management: Disked and rototilled; Harmony Extra used for weed control; Warrior used for insect control.
Previous Crop: Fallow.

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

Plains, Georgia:
Oat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	2012 Data Yield[1]	2012 Data Test Wt	2012 Data Ht	2012 Data Lodg.	2012 Data Head Date	2012 Data Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 201	**124.3**	**127.6**	2	**115.9**	33.7	52	8	03/29	100
Gerard 224	113.0	**113.1**	9	103.1	34.8	47	15	04/01	100
Horizon 270	109.9	**115.3**	13	95.7	34.7	47	1	03/30	100
Gerard 229	109.8	**111.1**	7	105.0	32.1	41	5	04/02	100
TAMO 406	104.6	**106.1**	12	99.8	33.7	47	56	04/01	100
SS76-40	100.8	**107.5**	15	90.4	33.1	49	8	04/02	100
LA05006GSBS-65-S1	.	**122.7**	4	112.5	34.8	48	8	04/01	100
Exp 76-50	.	**114.6**	10	102.1	32.4	47	15	04/01	100
TX05CS542	.	.	1	**126.4**	34.1	50	3	03/25	100
FL06050-N2	.	.	3	**113.9**	32.3	48	30	04/02	100
LA04004SBSB-7-B-S1	.	.	5	108.7	36.7	48	1	03/30	100
LA05011GSBS-30	.	.	6	105.3	33.4	51	4	04/01	100
FL06107-N3	.	.	8	104.1	35.1	49	70	03/24	100
TAMO 411	.	.	11	101.4	34.8	45	0	04/01	100
Plot Spike LA9339	.	.	14	95.0	32.4	51	18	04/05	100
RAM LA99016	.	.	16	85.0	35.0	51	3	03/31	100
NC07-3801	.	.	17	77.8	34.4	49	30	04/02	100
FL04179-L2	.	.	18	76.5	30.7	48	53	04/02	100
FL02011	.	.	19	75.0	43.5	48	0	03/31	100
LA020265SBSBSBSB-88	.	.	20	74.5	34.0	50	3	03/31	100
Average	110.4	114.7		98.4 [2]	34.3	48	16	03/31	100
LSD at 10% Level	8.3	N.S.[3]		13.1	1.0	2	19	01	-
Std. Err. of Entry Mean	2.6	3.2		6.9	0.6	1	8	01	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 11.2%, and df for EMS = 57.
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 2, 2011.
Harvested: May 25, 2012.
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: Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.
Previous Crop: Peanuts.

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

Midville, Georgia:
Oat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Gerard 229	**72.6**	**92.8**	2	**112.7**	31.4	40	12	03/26	100
Gerard 224	**70.9**	**93.8**	3	**112.4**	34.1	46	0	03/23	100
Horizon 270	**66.1**	**82.5**	9	94.2	32.7	43	7	03/23	100
TAMO 406	**61.6**	**77.3**	17	78.4	33.8	46	9	03/25	100
Horizon 201	**57.0**	**73.1**	15	81.3	31.1	51	15	03/22	100
Exp 76-50	.	**95.8**	1	**120.1**	31.8	46	2	03/23	100
SS76-40	.	**89.2**	8	97.6	32.8	45	4	03/25	100
LA05006GSBS-65-S1	.	**78.4**	12	86.4	26.4	47	9	03/25	100
LA05011GSBS-30	.	.	4	**103.0**	32.0	49	4	03/25	100
TAMO 411	.	.	5	100.5	33.4	45	3	03/23	100
LA04004SBSB-7-B-S1	.	.	6	98.4	33.9	44	3	03/23	100
FL04179-L2	.	.	7	98.3	30.4	46	8	03/28	100
LA020265SBSBSBSB-88	.	.	10	86.7	30.7	47	0	03/24	100
FL06107-N3	.	.	11	86.6	30.7	49	26	03/19	100
RAM LA99016	.	.	13	84.7	34.1	50	28	03/22	100
Plot Spike LA9339	.	.	14	83.1	29.7	47	15	03/28	100
TX05CS542	.	.	16	80.4	31.8	49	25	03/18	100
NC07-3801	.	.	18	67.1	32.6	47	24	03/28	100
FL06050-N2	.	.	19	60.8	30.1	48	40	03/27	100
FL02011	.	.	20	58.8	39.1	47	3	03/27	100
Average	65.6	85.4		89.6[2]	32.1	46	12	03/24	100
LSD at 10% Level	N.S.[3]	N.S.		17.3	4.3	4	19	02	-
Std. Err. of Entry Mean	3.8	5.1		7.4	1.8	2	8	01	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 16.4%, and df for EMS = 57.
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, 2011.
Harvested: May 22, 2012.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Dothan loamy sand.
Soil Test: P = Very High, K = High, and pH = 6.0.
Fertilization: Preplant: 30 lb N, 46 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, subsoiled and rototilled; Harmony Extra used for weed control.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Oat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Gerard 224	**120.0**	**131.5**	5	126.7	35.8	46	35	04/02	100
Horizon 270	**119.0**	**124.1**	6	121.8	34.4	43	60	03/28	90
Gerard 229	**115.7**	**121.8**	15[T]	108.7	33.3	41	43	04/08	100
Horizon 201	**113.0**	**124.2**	3	**143.7**	34.1	52	38	03/29	100
TAMO 406	**104.0**	**100.4**	16	94.7	34.0	49	70	04/03	98
SS76-40	**89.3**	**122.0**	7	121.4	35.1	47	20	04/05	100
Exp 76-50	.	**133.6**	8	120.5	34.2	45	53	04/02	100
LA05006GSBS-65-S1	.	**121.6**	4	135.2	36.2	47	20	04/05	90
FL06050-N2	.	.	1	**147.8**	34.0	50	30	04/05	90
Plot Spike LA9339	.	.	2	**146.1**	35.0	51	13	04/16	98
TAMO 411	.	.	9	119.6	36.1	46	23	04/05	100
LA04004SBSB-7-B-S1	.	.	10	114.6	36.5	47	50	03/30	98
FL06107-N3	.	.	11	112.6	33.0	46	58	04/01	80
LA05011GSBS-30	.	.	12	111.8	33.7	49	43	04/06	100
TX05CS542	.	.	13	110.1	33.1	46	55	03/26	100
FL04179-L2	.	.	14	109.6	33.0	49	40	04/14	98
LA020265SBSBSBSB-88	.	.	15[T]	108.7	34.1	48	5	04/04	95
FL02011	.	.	17	84.8	41.6	44	23	04/06	85
NC07-3801	.	.	18	84.1	35.6	51	43	04/05	100
Average	110.2	122.4		117.0 [2]	34.9	47	38	04/04	96
LSD at 10% Level	N.S.[3]	N.S.		10.7	0.8	2	14	02	-
Std. Err. of Entry Mean	2.8	3.1		4.5	0.3	1	6	01	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 7.7%, and df for EMS = 54.
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 31, 2011.
Harvested: May 25, 2012.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 5.4.
Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 65 lb N/acre.
Management: Chisel plowed, disked and rototilled; Harmony Extra used for weed control; Karate used for insect control; applied 1500 lb lime/acre.
Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Oat Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 201	**131.6**	**138.5**	1	**113.6**	32.7	50	8	03/30	100
Gerard 224	**127.2**	**130.1**	3	**99.7**	31.0	43	23	03/29	100
SS76-40	115.9	**110.4**	2	**103.1**	31.7	42	0	03/25	100
Gerard 229	107.0	**111.1**	15	72.9	30.4	39	18	04/07	100
Horizon 270	101.6	**102.6**	17	62.0	30.8	38	33	04/02	100
TAMO 406	98.5	**98.0**	12	75.9	31.0	45	50	03/29	100
Exp 76-50	.	**110.3**	4	**97.2**	29.9	43	35	03/26	100
LA05006GSBS-65-S1	.	**102.7**	9	83.7	33.8	42	3	04/07	100
FL06050-N2	.	.	5	87.7	31.4	48	28	04/03	100
Plot Spike LA9339	.	.	6	87.0	32.9	45	3	04/07	100
FL04179-L2	.	.	7	85.7	31.3	49	10	04/10	100
LA020265SBSBSBSB-88	.	.	8	83.9	32.5	49	15	03/30	100
NC07-3801	.	.	10	83.4	32.3	42	18	04/04	100
TX05CS542	.	.	11	76.9	29.6	44	20	03/31	100
LA04004SBSB-7-B-S1	.	.	13	74.1	34.1	43	38	03/31	100
TAMO 411	.	.	14	73.4	32.4	38	8	04/02	100
LA05011GSBS-30	.	.	16	66.9	30.4	48	23	04/07	100
FL06107-N3	.	.	18	48.4	30.3	39	43	03/28	100
FL02011	.	.	19	36.0	36.2	36	10	04/07	100
Average	113.6	113.0		79.5[2]	31.8	43	20	04/02	100
LSD at 10% Level	10.6	N.S.[3]		19.6	1.1	5	17	04	-
Std. Err. of Entry Mean	4.3	7.3		8.3	0.5	2	7	02	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 20.8%, and df for EMS = 54.
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: September 30, 2011.
Harvested: May 24, 2012.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Rome gravelly clay loam.
Soil Test: P = High, K = High, and pH = 6.0.
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 Oat Yields:
Georgia, 2011-2012 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average[5]	2-Year Average[6]	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	bu/acre								
Exp 76-50	.	**108.1**	**110.1**	.	**121.9**	108.8	.	**113.6**	**109.6**
FL02011	.	.	65.3	.	.	60.4	.	.	63.3
FL04179-L2	.	.	84.0	.	.	97.6	.	.	89.4
FL06050-N2	.	.	85.1	.	.	**117.7**	.	.	98.1
FL06107-N3	.	.	77.5	.	.	80.5	.	.	78.7
Gerard 224	**112.5**	**107.1**	**103.5**	**123.6**	**130.8**	113.2	**117.2**	**116.6**	**107.4**
Gerard 229	107.4	**101.7**	97.7	**111.4**	116.4	90.8	109.1	107.6	95.0
Horizon 201	**111.4**	**103.0**	**103.3**	**122.3**	**131.3**	**128.6**	**116.1**	**114.3**	**113.4**
Horizon 270	106.2	**102.1**	89.8	**110.3**	113.4	91.9	108.0	106.6	90.6
LA020265SBSBSBSB-88	.	.	77.1	.	.	96.3	.	.	84.8
LA04004SBSB-7-B-S1	.	.	**100.8**	.	.	94.3	.	.	98.2
LA05006GSBS-65-S1	.	**102.4**	98.3	.	112.1	109.4	.	106.3	102.7
LA05011GSBS-30	.	.	96.0	.	.	89.4	.	.	93.4
NC07-3801	.	.	80.4	.	.	83.7	.	.	81.7
Plot Spike LA9339	.	.	85.5	.	.	**116.5**	.	.	97.9
RAM LA99016	.	.	88.3	.	.	.	.	.	.
SS76-40	95.8	**96.2**	88.8	**102.6**	116.2	112.3	98.7	104.2	98.2
TAMO 406	101.1	**94.9**	92.9	**101.3**	99.2	85.3	101.1	96.6	89.8
TAMO 411	.	.	94.2	.	.	96.5	.	.	95.1
TX05CS542	.	.	95.5	.	.	93.5	.	.	94.7
Average	105.7	101.9	90.7	111.9	117.7	98.2	108.4	108.2	93.8
LSD at 10% Level	4.9	N.S.[7]	10.1	N.S.	11.7	13.8	5.0	5.8	8.2
Std. Err. of Entry Mean	2.1	2.6	4.3	4.2	5.0	5.9	2.1	2.5	3.5

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. Midville not included in 2010, Tifton and Plains only.
6. Tifton, Plains and Midville 2011, 2012.
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).

Plains, Georgia:
Barley Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Thoroughbred	**79.7**	**85.0**	3	67.9	44.3	34	1	04/05	100
Dan	62.9	**66.1**	4	50.3	56.0	33	0	04/01	100
Atlantic	.	**90.7**	2	**83.6**	44.2	29	3	03/28	100
Price	.	**90.3**	1	**86.3**	46.8	28	4	03/30	100
Average	71.3	83.0		72.0 [2]	47.8	31	2	03/31	100
LSD at 10% Level	4.2	N.S.[3]		6.3	0.7	2	N.S.	01	-
Std. Err. of Entry Mean	1.6	2.0		2.4	0.3	1	1	01	-

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 6.8%, 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: December 2, 2011.
Harvested: May 25, 2012.
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: Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.
Previous Crop: Peanuts.

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

Calhoun, Georgia:
Barley Grain Performance, 2011-2012

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2012 Data Rank	2012 Data Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Thoroughbred	**113.5**	**107.3**	4	**84.9**	50.7	32	8	03/24	100
Dan	**99.8**	**100.3**	2	**99.5**	48.5	33	10	03/20	100
Price	.	**107.4**	1	**102.2**	52.2	35	5	03/23	100
Atlantic	.	**97.5**	3	**88.1**	54.0	32	5	03/26	100
Average	106.6	103.1		93.7 [2]	51.3	33	7	03/23	100
LSD at 10% Level	N.S.[3]	N.S.		N.S.	N.S.	N.S.	N.S.	N.S.	-
Std. Err. of Entry Mean	7.0	5.8		9.0	2.9	1	4	02	-

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 19.2%, 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 27, 2011.
Harvested: May 24, 2012.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Rome gravelly clay loam.
Soil Test: P = High, K = High, and pH = 6.0.
Fertilization: Preplant: 25 lb N, 50 lb P_2O_5, and 76 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, 2011-2012 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	bu/acre								
Atlantic	.	**90.7**	**83.6**	.	**97.5**	**88.1**	.	**94.1**	**85.8**
Dan	62.9	**66.1**	50.3	**99.8**	**100.3**	**99.5**	81.4	**83.2**	**74.9**
Price	.	**90.3**	**86.3**	.	**107.4**	**102.2**	.	**98.8**	**94.2**
Thoroughbred	**79.7**	**85.0**	67.9	**113.5**	**107.3**	**84.9**	**96.6**	**96.1**	**76.4**
Average	71.3	83.0	72.0	106.7	103.1	93.7	89.0	93.1	82.8
LSD at 10% Level	4.2	N.S.[5]	6.3	N.S.	N.S.	N.S.	5.3	N.S.	N.S.
Std. Err. of Entry Mean	1.6	2.0	2.4	7.0	5.8	9.0	2.2	3.1	4.7

1. Yields calculated at 48 pounds per bushel at 12/0% moisture.
2. Plains.
3. Calhoun.
4. Plains and Calhoun.
5. 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, 2011-2012

	Dry Matter Yield					
	Harvest Date			Season Totals		
Brand-Variety	1-05-12	2-09-12	3-15-12	2012	2-Yr Avg	Survival
	---------- lb/acre ----------					%
SS8641	**1810**	**1904**	**3870**	**7584**	**6910**	100
Pioneer 26R61	**1850**	**1880**	**3372**	**7101**	**6473**	100
Pioneer 26R10	**1520**	1590	**3555**	**6665**	.	100
Roberts	1407	**2006**	3154	**6568**	**6387**	100
Coker 9553	1252	1511	**3531**	6294	**6447**	100
GA-Gore	1327	1710	3184	6220	**6181**	100
Pioneer 26R20	1287	1087	**3744**	6119	.	100
AGS 2038	1065	**2411**	2614	6090	**6535**	100
NF95134A	1366	1581	3036	5983	**5943**	100
NF96131	1353	1098	3015	5465	**5820**	100
Endurance	695	1261	2855	4811	.	100
Average	1357	1640	3266	6264 [1]	6337	100
LSD at 10% Level	440	573	636	1251	N.S.[2]	-
Std. Err. of Entry Mean	184	238	265	521	220	-

1. C.V. = 16.6%, and df for EMS = 30.
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 25, 2011.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 35 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Wheat.

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

Plains, Georgia:
Wheat Forage Performance, 2011-2012

	Dry Matter Yield						
	Harvest Date				Season Totals		
Brand-Variety	12-19-11	1-26-12	3-01-12	4-13-12	2012	2-Yr Avg	Survival
	lb/acre						%
Pioneer 26R10	1004	1322	**2579**	**5924**	**10829**	.	100
Endurance	695	1076	**2572**	**5820**	**10163**	.	100
Roberts	**1466**	**1692**	**2843**	4034	**10034**	**8088**	100
NF96131	**1531**	**1758**	**2886**	3858	**10033**	.	100
Pioneer 26R20	1050	1477	**2361**	4981	**9868**	.	100
SS8641	**1671**	**1797**	**2718**	2359	8545	**7501**	100
GA-Gore	1329	1625	**2786**	2673	8413	**7283**	100
Coker 9553	1277	1433	**2738**	2700	8147	**6997**	100
Pioneer 26R61	**1683**	**2073**	**2742**	1344	7841	**6795**	100
NF95134A	1287	**1732**	**2681**	2045	7745	.	100
AGS 2038	**1529**	**1869**	**2241**	2085	7723	**7123**	100
Average	1320	1623	2650	3438	9031 [1]	7298	100
LSD at 10% Level	231	403	N.S.[2]	736	970	N.S.	-
Std. Err. of Entry Mean	96	168	170	306	286	216	-

1. C.V. = 9.0%, and df for EMS = 30.
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 26, 2011.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 5.8.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Corn.

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

Marianna, Florida:
Wheat Forage Performance, 2011-2012

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-11-12	2-07-12	3-06-12	4-09-12	2012	2-Yr Avg
	lb/acre					
SS8641	**721**	1053	1548	**1942**	**5263**	**5519**
GA-Gore	448	**1166**	**1627**	1536	4777	**5308**
Roberts	**562**	974	1474	1713	4722	**5239**
Pioneer 26R20	373	792	1468	**2046**	4678	.
Coker 9553	320	710	1405	**2179**	4614	**5252**
Pioneer 26R10	282	795	1272	**2125**	4474	.
Pioneer 26R61	**535**	1040	**1888**	832	4294	**4892**
AGS 2038	511	**1306**	1150	1192	4159	**5020**
Average	469	979	1479	1695	4623 [1]	5205
LSD at 10% Level	196	148	327	262	460	N.S.[2]
Std. Err. of Entry Mean	80	60	134	108	189	243

1. C.V. = 8.2%, and df for EMS = 21.
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, 2011.
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, 2011-2012
with Two- and Three-Year Averages

	Dry Forage Yield								
	Tifton			Plains			Statewide		
Brand-Variety	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg
	lb/acre								
AGS 2038	6090	**6535**	.	7723	**7123**	.	**6907**	**6829**	.
Coker 9553	6294	**6447**	**5952**	8147	**6997**	**6528**	**7220**	**6722**	6240
Endurance	4811	.	.	**10163**	.	.	**7487**	.	.
GA-Gore	6220	**6181**	**5414**	8413	**7283**	**6647**	**7316**	**6732**	6031
NF95134A	5983	**5943**	**5716**	7745	.	.	**6864**	.	.
NF96131	5465	**5820**	.	**10033**	.	.	**7749**	.	.
Pioneer 26R10	**6665**	.	.	**10829**	.	.	**8747**	.	.
Pioneer 26R20	6119	.	.	**9868**	.	.	**7993**	.	.
Pioneer 26R61	**7101**	**6473**	**5770**	7841	**6795**	**6739**	**7471**	**6634**	6254
Roberts	**6568**	**6387**	**5969**	**10034**	**8088**	**7418**	**8301**	**7238**	**6693**
SS8641	**7584**	**6910**	**6213**	8545	**7501**	**7118**	**8064**	**7205**	**6665**
Average	6264	6337	**5839**	9031	7298	6890	7647	6893	6377
LSD at 10% Level	1251	N.S.[1]	N.S.	970	N.S.	N.S.	N.S.	N.S.	289
Std. Err. of Entry Mean	521	220	163	286	216	175	329	156	123

1. The F-Test indicated no statistical difference at the alpha = 0.10 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, 2011-2012

	Dry Matter Yield					
	Harvest Date			Season Totals		
Brand-Variety	1-05-12	2-09-12	3-15-12	2012	2-Yr Avg	Survival
	---------- lb/acre ----------					%
Triticale						
FL01143	**2962**	2418	**1941**	**7320**	.	100
FL0014	**2768**	2054	**1956**	**6778**	.	100
Trical 342	2368	**2936**	1466	**6770**	6962	100
FL01149	**2631**	**2788**	1215	**6634**	.	100
Monarch	2158	2278	**1788**	6225	.	100
FL06207	1823	**2686**	1564	6073	.	100
FL01008	**2442**	2250	1362	6053	.	100
FL0013	2291	2207	1294	5792	.	100
Average	2430	2452	1573	6455 [1]	6962	100
LSD at 10% Level	546	382	386	711	**-**	-
Std. Err. of Entry Mean	224	157	158	292	-	-
Rye						
NF95307A	3023	2696	**3565**	**9285**	.	100
AGS 104	3860	2413	2982	**9254**	.	88
Bates RS4	2725	**2914**	**3346**	**8984**	**8810**	100
Wrens 96	2716	**3319**	2940	**8975**	**8771**	100
Florida 401	**4716**	1342	2651	**8708**	**8226**	54
Wrens Abruzzi	2420	**3156**	2779	8355	8186	100
NF97326	2226	2694	**3396**	8316	.	100
NF95319B	2165	2816	**3232**	8213	.	100
Elbon	2063	2333	**3468**	7863	.	100
Average	2879	2631	3151	8661 [2]	8498	93
LSD at 10% Level	469	410	398	701	609	6
Std. Err. of Entry Mean	194	170	164	290	248	3

1. C.V. = 9.0%, and df for EMS = 21.
2. C.V. = 6.7%, and df for EMS = 24.

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

Planted: October 25, 2011.
Seeding Rate: Triticale: 27 seed/foot in 7" rows.
Rye: 36 seed/foot in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 35 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Wheat.

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

Plains, Georgia:
Triticale and Rye Forage Performance, 2011-2012

	Dry Matter Yield						
	Harvest Date				Season Totals		
Brand-Variety	12-19-11	1-26-12	3-01-12	4-13-12	2012	2-Yr Avg	Survival
	lb/acre						%
Triticale							
FL01149	**1832**	**1906**	**1231**	**2139**	**7106**	.	100
FL0014	**2089**	1560	**1270**	**1792**	**6711**	.	100
Trical 342	**1938**	**2008**	**1070**	1289	6305	6527	100
FL06207	**1564**	1728	**1028**	**1901**	6221	.	100
FL01143	**1904**	**1893**	**1032**	1344	6173	.	100
FL01008	**1886**	1716	**1200**	1194	5996	.	100
Monarch	**1962**	1625	**1117**	1122	5826	.	100
FL0013	**1714**	**1980**	**882**	1107	5682	.	100
Average	1861	1802	1104	1486	6252 [1]	6527	100
LSD at 10% Level	N.S.[2]	251	N.S.	500	721	-	-
Std. Err. of Entry Mean	169	103	102	206	210	-	-
Rye							
Elbon	1627	**1594**	**2897**	**4731**	**10848**	.	100
NF97326	**2097**	**1624**	**2745**	2052	8517	.	100
NF95307A	**2215**	**1653**	**2812**	1344	8024	.	100
NF95319B	**2108**	**1723**	**2666**	1470	7967	.	100
Bates RS4	1904	1392	**2891**	1749	7935	**7588**	100
Wrens Abruzzi	1566	1398	**3026**	1483	7473	**7210**	100
AGS 104	**2354**	**1795**	1771	1518	7438	.	100
Wrens 96	1270	1479	**2823**	1331	6902	**7007**	100
Florida 401	**2298**	1117	1730	1117	6262	**7150**	100
Average	1938	1531	2595	1866	7929 [3]	7239	100
LSD at 10% Level	301	268	378	426	504	N.S.	-
Std. Err. of Entry Mean	124	110	156	176	208	129	-

1. C.V. = 9.5%, and df for EMS = 21.
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. = 5.2%, and df for EMS = 24.

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

Planted: October 26, 2011.
Seeding Rate: Triticale: 27 seed/foot in 7" rows.
Rye: 36 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 5.8.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Fallow.

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

Griffin, Georgia:
Triticale and Rye Forage Performance, 2011-2012

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	1-31-12	3-08-12	4-09-12	2012	2-Yr Avg
	lb/acre				
Triticale					
Monarch	**2121**	**1404**	**4411**	**7935**	.
Trical 342	**1789**	**1240**	3484	6513	8271
Average	1955	1322	3947	7224 [1]	8271
LSD at 10% Level	N.S.[2]	N.S.	635	939	-
Std. Err. of Entry Mean	121	150	191	282	-
Rye	2-08-12	3-08-12	4-10-12		
AGS 104	**5366**	428	4912	**10705**	.
Wrens Abruzzi	2972	888	**5863**	9722	**9561**
NF97326	2591	1017	**5548**	9155	.
Wrens 96	2815	776	**5531**	9122	**10337**
NF95307A	3024	1048	4837	8909	.
NF95319B	2913	870	5018	8800	.
Elbon	1001	**2008**	**5568**	8576	.
Florida 401	4428	238	3775	8441	**8440**
Bates RS4	2241	1101	4778	8120	**9115**
Average	3039	930	5092	9061 [3]	9363
LSD at 10% Level	746	231	805	977	N.S.
Std. Err. of Entry Mean	308	96	333	404	412

1. C.V. = 7.8%, and df for EMS = 3.
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. = 8.9%, and df for EMS = 24.

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

Planted: October 7, 2011.

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

Soil Type: Cecil clay loam.

Soil Test: Triticale: P = Medium, K = High, and pH = 5.4.
Rye: P = Medium, K = High, and pH = 6.3

Fertilization: Triticale: Preplant: 30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre.
Topdress: 70 lb N/acre after 1st and 2nd harvests.
Rye: 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: Triticale: Chisel plowed, disked and rototilled; applied 1500 lb lime/acre.
Rye: Chisel plowed, disked and rototilled,

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Triticale and Rye Forage Performance, 2011-2012

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	1-04-12	1-30-12	3-06-12		2012	2-Yr Avg
	lb/acre					
Triticale						
FL06207	1556	**1388**	**1847**		**4790**	.
FL0014	**1693**	1232	**1724**		**4649**	.
Monarch	1408	**1467**	1356		4231	.
Trical 342	1435	1267	1384		4086	5023
FL01149	1618	**1524**	906		4048	.
FL01143	**1986**	708	1338		4031	.
FL0013	1593	1016	1358		3967	.
FL01008	1570	1243	1081		3894	.
Average	1607	1231	1374		4212 [1]	5023
LSD at 10% Level	308	172	294		402	-
Std. Err. of Entry Mean	126	71	120		165	-
Rye	1-04-12	1-30-12	2-29-12	3-27-12		
Wrens Abruzzi	270	**1503**	**1963**	**1460**	**5195**	**5343**
Florida 401	**1193**	1303	638	1220	4353	**5766**
Average	731	1403	1301	1340	4774 [2]	5554
LSD at 10% Level	362	197	402	60	338	N.S.[3]
Std. Err. of Entry Mean	108	59	121	18	102	100

1. C.V. = 7.8%, and df for EMS = 21.
2. C.V. = 4.2%, and df for EMS = 3.
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 9, 2011.

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 and 2nd harvests for Triticale;
51 lb N/acre after 1st, 2nd and 3rd harvests for Rye.

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, 2011-2012
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg
	lb/acre											
Triticale												
FL0013	5792	.	.	5682	.	.	.	.	.	.	.	.
FL0014	**6778**	.	.	**6711**	.	.	.	.	.	.	.	.
FL01008	6053	.	.	5996	.	.	.	.	.	.	.	.
FL01143	**7320**	.	.	6173	.	.	.	.	.	.	.	.
FL01149	**6634**	.	.	**7106**	.	.	.	.	.	.	.	.
FL06207	6073	.	.	6221	.	.	.	.	.	.	.	.
Monarch	6225	.	.	5826	.	.	**7935**	.	.	**6662**	.	.
Trical 342	**6770**	6962	6186	6305	6527	**6583**	6513	8271	7427	**6529**	7254	6732
Average	6455	6962	6186	6252	6527	**6583**	7224	8271	7427	6595	7254	6732
LSD at 10% Level	711	-	-	721	-	-	939	-	-	N.S.[1]	-	-
Std. Err. of Entry Mean	292	-	-	210	-	-	282	-	-	1196	-	-
Rye												
AGS 104	**9254**	.	.	7438	.	.	**10705**	.	.	**9132**	.	.
Bates RS4	**8984**	**8810**	**7767**	7935	**7588**	**7463**	8120	**9115**	8214	**8346**	**8504**	**7815**
Elbon	7863	.	.	**10848**	.	.	8576	.	.	**9096**	.	.
Florida 401	**8708**	**8226**	7265	6262	**7150**	**6977**	8441	**8440**	7221	**7804**	**7938**	7154
NF95307A	**9285**	.	.	8024	.	.	8909	.	.	**8739**	.	.
NF95319B	8213	.	.	7967	.	.	8800	.	.	**8327**	.	.
NF97326	8316	.	.	8517	.	.	9155	.	.	**8663**	.	.
Wrens 96	**8975**	**8771**	**7700**	6902	**7007**	**6996**	9122	**10337**	**9150**	**8333**	**8705**	**7948**
Wrens Abruzzi	8355	8186	7310	7473	**7210**	**7065**	9722	**9561**	**8780**	**8517**	**8319**	**7718**
Average	8661	8498	7511	7929	7239	7125	9061	9363	8341	8551	8367	7659
LSD at 10% Level	701	609	403	504	N.S.	N.S.	977	N.S.	715	N.S.	N.S.	280
Std. Err. of Entry Mean	290	248	167	208	129	105	404	412	297	180	166	119

1. The F-Test indicated no statistical difference at the alpha = 0.10 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, 2011-2012

Brand-Variety	Forage Yield Dry	Forage Yield Green	Plant Height	Dry Matter	Lodging	2-Yr Avg Dry Yield	Head Date	Survival
	tons/acre		in	%	%	tons/acre		%
FL0014	**3.3**	**10.5**	.	31	0	.	02/05	100
FL01143	**3.2**	**10.3**	.	31	0	.	02/03	100
FL01149	**3.1**	**10.6**	.	29	0	.	02/06	100
Trical 342	**3.0**	**9.9**	.	30	0	4.3	02/06	100
FL0013	2.9	9.0	.	32	0	.	02/02	100
FL01008	2.9	9.2	.	31	0	.	02/03	100
FL06207	2.8	9.4	.	30	0	.	02/06	100
Monarch	2.8	**10.2**	.	27	0	.	02/08	100
Average	3.0 [1]	9.9 [2]	.	30	0	4.3	02/05	100
LSD at 10% Level	0.3	1.0		2	-	-	01	-
Std. Err. of Entry Mean	0.1	0.4		1	-	-	04	-

1. CV = 8.4%, and df for EMS = 21.
2. CV = 7.9%, and df for EMS = 21.

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

Planted: October 25, 2011.
Harvested: February 29, 2012.
Seeding Rate: 27 seeds/acre in 30" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre as preplant; 35 lb N/acre as topdress.
Previous Crop: Wheat.
Management: Disked, chisel plowed and rototilled.

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

Griffin, Georgia:
Triticale Silage Performance, 2011-2012

Brand-Variety	Forage Yield Dry	Forage Yield Green	Plant Height	Dry Matter	Lodging	2-Yr Avg Dry Yield	Survival
	tons/acre		in	%	%	tons/acre	%
FL06207	**1.4**	**6.7**	20	21	0	.	95
Monarch	**1.3**	**6.3**	19	21	0	.	95
Trical 342	**1.3**	**6.4**	20	21	0	6.3	95
FL0014	**1.3**	**6.0**	18	23	0	.	99
FL01143	**1.3**	5.9	21	22	0	.	96
FL01149	**1.3**	5.9	19	21	0	.	86
FL01008	**1.1**	5.6	19	21	0	.	96
FL0013	**1.1**	5.3	19	21	0	.	90
Average	1.3 [1]	6.0 [2]	19	21	0	6.3	94
LSD at 10% Level	N.S.[3]	0.7	1	N.S.	-	-	5
Std. Err. of Entry Mean	0.1	0.3	1	1	-	-	4

1. CV = 11.9%, and df for EMS = 21.
2. CV = 9.2%, and df for EMS = 21.
3. The F-test indicated no statistical differences at the alpha = 0.10 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).

Planted:	October 7, 2011.
Harvested:	March 12, 2012.
Seeding Rate:	27 seeds/acre in 30" rows.
Soil Type:	Cecil sandy loam.
Soil Test:	P = Medium, K = High, and pH = 5.4.
Fertilization:	30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre as preplant; 75 lb N/acre as topdress.
Previous Crop:	Fallow.
Management:	Chisel plowed, disked and rototilled; applied 1500 lb lime/acre.

Test conducted by J. Gassett and G. Ware.

Statewide Summary:
Triticale Silage Performance, 2011-2012 with Two- and Three-Year Averages

	Yield																	
	2012						2-Year Average						3-Year Average					
	South[1]		North[2]		State		South[1]		North[2]		State		South[1]		North[2]		State	
Brand-Variety	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry
	tons/acre																	
FL0013	9.0	2.9	5.3	**1.1**	**7.1**	**2.0**	.	.	.	.	.	.	.	.	.	.	.	.
FL0014	**10.5**	**3.3**	**6.0**	**1.3**	**8.3**	**2.3**	.	.	.	.	.	.	.	.	.	.	.	.
FL01008	9.2	2.9	5.6	**1.1**	**7.4**	**2.0**	.	.	.	.	.	.	.	.	.	.	.	.
FL01143	**10.3**	**3.2**	5.9	**1.3**	**8.1**	**2.2**	.	.	.	.	.	.	.	.	.	.	.	.
FL01149	**10.6**	**3.1**	5.9	**1.3**	**8.3**	**2.2**	.	.	.	.	.	.	.	.	.	.	.	.
FL06207	9.4	2.8	**6.7**	1.4	**8.0**	**2.1**	.	.	.	.	.	.	.	.	.	.	.	.
Monarch	**10.2**	2.8	**6.3**	1.3	**8.2**	**2.1**	.	.	.	.	.	.	.	.	.	.	.	.
Trical 342	**9.9**	**3.0**	**6.4**	1.3	**8.2**	**2.1**	10.1	4.3	13.3	6.3	11.7	5.3	11.6	5.0	12.5	5.7	12.0	5.3
Average	9.9	3.0	6.0	1.3	8.0	2.1	10.1	4.3	13.3	6.3	11.7	5.3	11.6	5.0	12.5	5.7	12.0	5.3
LSD at 10% Level	1.0	0.3	0.7	N.S.[3]	N.S.	N.S.	-	-	-	-	-	-	-	-	-	-	-	-
Std. Err. of Entry Mean	0.4	0.1	0.3	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-

1. Tifton.
2. Griffin.
3. The F-test indicated no statistical difference at the alpha = 0.10 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, 2011-2012

	Dry Matter Yield					
	Harvest Date			Season Totals		
Brand-Variety	1-05-12	2-09-12	3-15-12	2012	2-Yr Avg	Survival
	---------- lb/acre ----------					%
FL06050-N2	2857	2555	**3278**	**8690**	.	98
Horizon 201	2893	2490	**3117**	**8499**	**8072**	98
Plot Spike LA9339	2455	2537	**3043**	8035	**7921**	100
NF95418	2230	2751	**3012**	7993	**7797**	100
NF27	2019	2357	**3363**	7739	**7698**	100
Harrison	1762	**2895**	**3073**	7730	.	100
LA05006GSBS-65-S1	2819	2328	2492	7638	**7440**	100
Horizon 270	2477	2163	2882	7521	.	100
Kona	**3158**	1679	2605	7442	.	98
TAMO 411	1884	2605	2945	7434	.	100
07-LFWH	2701	2187	2492	7379	**7365**	98
EverLeaf 114	**3193**	1895	2156	7244	.	88
LA020265SBSBSBSB-88	1804	2644	2760	7207	.	100
SS76-40	1843	**2788**	2529	7159	**7505**	100
TX05CS542	1869	**3143**	2032	7044	.	100
FL02011	**3500**	1621	1912	7033	.	91
RAM LA99016	1612	2623	2781	7016	**7542**	100
FL04179-L2	1913	2372	2727	7012	.	100
LA04004SBSB-7-B-S1	1348	2705	2893	6946	.	100
Exp 76-50	1422	**2838**	2681	6941	**7249**	100
FL06107-N3	**3348**	1485	2019	6852	.	85
EverLeaf 126	2975	1847	2013	6835	.	94
Shooting Star	2758	1634	2147	6538	.	98
TAMO 406	1538	1991	2838	6366	**6684**	100
Average	2349	2339	2658	7345 [1]	7527	98
LSD at 10% Level	384	374	391	544	N.S.[2]	4
Std. Err. of Entry Mean	162	158	166	230	222	2

1. C.V. = 6.3%, and df for EMS = 69.
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 25, 2011.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 35 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Wheat.

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

Plains, Georgia:
Oat Forage Performance, 2011-2012

	Dry Matter Yield						
	Harvest Date				Season Totals		
Brand-Variety	12-19-11	1-26-12	3-01-12	4-13-12	2012	2-Yr Avg	Survival
	lb/acre						%
NF95418	1122	**2008**	**2424**	**4628**	**10182**	.	95
Plot Spike LA9339	**1518**	**2213**	2124	**4243**	**10097**	**8011**	95
LA05006GSBS-65-S1	**1706**	**1932**	2158	3982	**9777**	**7977**	95
NF27	1098	1749	**2477**	**4380**	**9703**	.	100
SS76-40	1285	**2113**	2037	**4269**	**9703**	**8206**	95
FL06050-N2	1226	**2015**	2006	**4430**	**9677**	.	100
TX05CS542	1006	**2091**	1882	**4432**	**9411**	.	100
Harrison	1067	**1958**	2048	**4335**	**9407**	.	100
LA04004SBSB-7-B-S1	850	1740	**2492**	**4295**	**9376**	.	95
LA020265SBSBSBSB-88	806	1777	**2522**	**4256**	**9361**	.	95
FL04179-L2	1076	1651	2178	**4406**	9311	.	95
Horizon 270	1324	1803	1864	**4304**	9295	.	100
Exp 76-50	937	**2169**	**2524**	3618	9248	**7483**	100
TAMO 411	1220	1699	**2433**	3607	8958	.	100
Horizon 201	1444	1608	1923	3701	8675	**7567**	90
RAM LA99016	967	1699	1862	**4112**	8641	**7489**	100
TAMO 406	1044	1525	**2675**	3357	8599	**6936**	100
FL02011	**1775**	1192	1409	3633	8009	.	80
07-LFWH	**1575**	1496	1257	3221	7549	**6796**	88
FL06107-N3	**1707**	1189	1257	3010	7163	.	90
Shooting Star	**1516**	1361	1192	2738	6807	.	75
EverLeaf 126	**1867**	654	982	2172	5674	.	50
Kona	**1973**	806	910	1799	5488	.	52
EverLeaf 114	**1542**	782	897	2126	5347	.	60
Average	1319	1634	1897	3710	8561 [1]	7558	90
LSD at 10% Level	473	363	278	576	838	N.S.[2]	5
Std. Err. of Entry Mean	200	154	118	244	356	236	2

1. C.V. = 8.3%, and df for EMS = 69.
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 26, 2011.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 5.8.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Corn.

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

Griffin, Georgia:
Oat Forage Performance, 2011-2012

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	1-31-12	3-08-12	4-09-12	2012	2-Yr Avg
	lb/acre				
Plot Spike LA9339	1481	**2473**	4887	**8841**	**9924**
RAM LA99016	1333	**2261**	**5190**	**8784**	**10782**
LA05006GSBS-65-S1	1875	1513	**5390**	**8778**	**10699**
FL04179-L2	1424	1987	**5338**	**8749**	.
FL06050-N2	1185	1939	**5587**	**8712**	.
NF27	744	**2434**	**5401**	**8578**	**10585**
TX05CS542	1471	1622	**5475**	**8569**	.
Horizon 201	**1899**	1402	**5238**	**8539**	**9817**
LA04004SBSB-7-B-S1	877	2061	**5513**	**8451**	.
NF95418	1505	1556	**5240**	**8301**	**10778**
Exp 76-50	1020	2274	4849	**8143**	**8914**
Harrison	1537	1343	**5219**	**8099**	.
TAMO 411	993	1930	**5151**	**8074**	.
FL02011	1802	1302	4952	**8055**	.
Horizon 270	1578	1288	**5085**	7951	.
FL06107-N3	**2474**	1078	4337	7889	.
LA020265SBSBSBSB-88	798	1732	**5319**	7849	.
SS76-40	1000	1907	4920	7826	**10758**
07-LFWH	**2180**	1104	4441	7725	**10383**
TAMO 406	741	1735	**5122**	7597	**9322**
Shooting Star	1511	1156	4451	7118	.
Kona	**1904**	940	4251	7095	.
EverLeaf 126	1710	726	4470	6906	.
EverLeaf 114	1690	1128	4061	6879	.
Average	1447	1620	4995	8063 [1]	10196
LSD at 10% Level	597	348	515	802	N.S.[2]
Std. Err. of Entry Mean	254	148	218	340	373

1. C.V. = 8.4%, and df for EMS = 69.
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 7, 2011.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Cecil clay loam.
Soil Test: P = Medium, K = High, and pH = 5.4.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
50 lb N/acre after 1st and 2nd harvests.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Oat Forage Performance, 2011-2012

	Dry Matter Yield						
	Harvest Date					Season Totals	
Brand-Variety	1-04-12	1-30-12	2-29-12	3-27-12	5-01-12	2012	2-Yr Avg
	lb/acre						
RAM LA99016	743	**1552**	**2142**	1147	984	**6567**	**6676**
LA05006GSBS-65-S1	1148	1307	1949	1076	**1064**	**6544**	**7036**
FL04179-L2	725	**1413**	1840	**1318**	**1240**	**6535**	.
FL06050-N2	929	1299	1785	1170	**1119**	**6301**	.
LA04004SBSB-7-B-S1	469	1313	**2165**	1026	**1085**	**6057**	.
Exp 76-50	513	**1459**	**2179**	922	963	**6035**	6285
TX05CS542	763	**1515**	1712	**1450**	491	5930	.
Plot Spike LA9339	642	1345	**2043**	795	1049	5874	6096
SS76-40	532	**1444**	1639	1204	1044	5864	6226
Horizon 201	988	1359	1918	829	760	5854	6305
Horizon 270	1101	1192	1385	1035	1025	5736	.
07-LFWH	881	1097	1375	1001	**1352**	5705	5822
TAMO 411	279	**1379**	**2222**	709	1046	5635	.
TAMO 406	304	1133	**2095**	950	**1114**	5595	5680
FL02011	1304	1035	1297	1012	906	5553	.
LA020265SBSBSBSB-88	374	1314	1799	934	**1123**	5544	.
Shooting Star	1208	884	1212	607	**1104**	5014	.
Kona	1528	908	1240	533	694	4902	.
FL06107-N3	**1696**	776	1040	905	362	4778	.
EverLeaf 114	**1903**	764	1073	522	516	4777	.
EverLeaf 126	1509	789	1079	378	585	4339	.
Average	930	1203	1675	930	934	5673 [1]	6266
LSD at 10% Level	317	189	218	232	301	535	409
Std. Err. of Entry Mean	134	80	92	98	127	226	172

1. C.V. = 7.9%, and df for EMS = 60.

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

Planted: November 9, 2011.
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, 3rd, and 4th 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, 2011-2012
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg	2012	2-Yr Avg	3-Yr Avg
	lb/acre											
07-LFWH	7379	**7365**	.	7549	**6796**	.	7725	**10383**	.	7551	8181	.
EverLeaf 114	7244	.	.	5347	.	.	6879	.	.	6490	.	.
EverLeaf 126	6835	.	.	5674	.	.	6906	.	.	6471	.	.
Exp 76-50	6941	**7249**	.	9248	**7483**	.	**8143**	**8914**	.	**8111**	7882	.
FL02011	7033	.	.	8009	.	.	**8055**	.	.	7699	.	.
FL04179-L2	7012	.	.	9311	.	.	**8749**	.	.	**8357**	.	.
FL06050-N2	**8690**	.	.	**9677**	.	.	**8712**	.	.	**9026**	.	.
FL06107-N3	6852	.	.	7163	.	.	7889	.	.	7301	.	.
Harrison	7730	.	.	**9407**	.	.	**8099**	.	.	**8412**	.	.
Horizon 201	**8499**	**8072**	**7026**	8675	**7567**	**7411**	**8539**	**9817**	**7965**	**8571**	**8485**	**7467**
Horizon 270	7521	.	.	9295	.	.	7951	.	.	**8256**	.	.
Kona	7442	.	.	5488	.	.	7095	.	.	6675	.	.
LA020265SBSBSBSB-88	7207	.	.	**9361**	.	.	7849	.	.	**8139**	.	.
LA04004SBSB-7-B-S1	6946	.	.	**9376**	.	.	**8451**	.	.	**8258**	.	.
LA05006GSBS-65-S1	7638	.	.	**9777**	.	.	**8778**	.	.	**8731**	**8705**	.
NF27	7739	**7698**	**6851**	**9703**	.	.	**8578**	**10585**	**8453**	**8673**	.	.
NF95418	7993	**7797**	.	**10182**	.	.	**8301**	**10778**	.	**8825**	.	.
Plot Spike LA9339	8035	**7921**	**6804**	**10097**	**8011**	**7652**	**8841**	**9924**	**8066**	**8991**	**8519**	**7507**
RAM LA99016	7016	**7542**	6539	8641	**7489**	**7442**	**8784**	**10782**	**8816**	**8147**	**8604**	**7599**
SS76-40	7159	**7505**	6343	**9703**	**8206**	**7721**	7826	**10758**	**8443**	**8229**	**8823**	**7502**
Shooting Star	6538	.	.	6807	.	.	7118	.	.	6821	.	.
TAMO 406	6366	**6684**	5878	8599	**6936**	**6885**	7597	**9322**	**7581**	7521	7648	**6781**
TX05CS347-1	7434	.	.	8958	.	.	**8074**	.	.	**8155**	.	.
TX05CS542	7044	.	.	**9411**	.	.	**8569**	.	.	**8341**	.	.
Average	7345	7537	6574	8561	7498	7422	8063	10140	8220	7990	8368	7371
LSD at 10% Level	544	N.S.[1]	403	838	N.S.	N.S.	802	N.S.	N.S.	1006	404	N.S.
Std. Err. of Entry Mean	230	222	170	356	242	186	340	333	274	181	173	125

1. The F-Test indicated no statistical difference at the alpha = 0.10 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, 2011-2012

	Dry Matter Yield					
	Harvest Date			Season Totals		
Brand-Variety	1-05-12	2-09-12	3-15-12	2012	2-Yr Avg	Survival
	---------- lb/acre ----------					%
ME4	**2137**	**1684**	2980	**6800**	**8230**	100
Early Ploid	1398	**1690**	**3500**	**6588**	**8456**	100
Attain	1425	**1534**	**3489**	**6447**	**8206**	100
Bulldog Grazer	1608	1287	**3455**	**6349**	**7939**	100
Big Boss	1473	**1534**	**3281**	**6287**	**8169**	100
FL2011Red4xLATE	1446	**1614**	**3180**	**6240**	7824	100
Prine	1710	**1590**	2901	**6201**	**7968**	100
Verdure	1686	**1442**	2971	**6099**	**7993**	100
FLxSH20112xEARLY	1579	**1573**	2912	**6064**	.	100
Nelson	1361	**1538**	3067	5966	**8324**	100
FLSh20112xME	1189	**1509**	**3239**	5937	7586	100
Marshall	**1773**	1263	2775	5811	7561	100
M2CVS	**1891**	1316	2594	5800	.	100
TAMTBO	1331	**1466**	2871	5668	7528	100
Jackson	1551	1233	2831	5615	7463	100
07-EW	1470	1253	2886	5609	7433	100
07-WW	1442	1133	3034	5608	7133	100
ME-94	1662	1255	2609	5526	.	100
Diamond T	1529	1072	2853	5454	7290	100
Winterhawk	1337	1128	2947	5412	6860	100
Oregro DH-3	1436	1257	2677	5369	7285	100
Passerel Plus	1564	1191	2555	5310	7523	100
Fria	1198	1080	2899	5177	7347	100
Flying A	1259	1102	2816	5177	6890	100
Grits	1028	1109	3016	5153	7308	100
FL2011PE2xLATE	1300	982	2840	5123	7271	100
Average	1492	1340	2968	5799 [1]	7634	100
LSD at 10% Level	419	372	325	808	589	-
Std. Err. of Entry Mean	178	158	138	242	251	-

1. C.V. = 11.8%, and df for EMS = 75.

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

Planted: October 25, 2011.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 5.9.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 35 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Wheat.

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

Plains, Georgia:
Ryegrass Forage Performance, 2011-2012

	Dry Matter Yield						
	Harvest Date				Season Totals		
Brand-Variety	12-19-11	1-26-12	3-01-12	4-13-12	2012	2-Yr Avg	Survival
	lb/acre						%
Attain	**1296**	**1501**	**2357**	**5048**	**10201**	**9261**	100
Marshall	**1130**	1174	**2459**	**5425**	**10189**	**9320**	100
Nelson	**1416**	**1287**	**2078**	**5343**	**10123**	**9102**	100
Flying A	**1261**	**1403**	**2404**	**4961**	**10029**	**8728**	100
07-EW	1087	**1330**	**2368**	**5081**	**9866**	**8850**	100
Early Ploid	**1329**	**1290**	**2490**	4613	**9721**	**9255**	100
M2CVS	1113	1000	**2189**	**5391**	**9692**	.	100
Oregro DH-3	**1122**	**1300**	**2307**	**4903**	**9631**	**8687**	100
Jackson	**1331**	**1353**	**2357**	4589	**9629**	**8485**	100
FL2011Red4xLATE	1078	1131	**2483**	**4898**	**9590**	**8645**	100
Prine	**1209**	1131	**2182**	**5046**	**9568**	**8846**	100
TAMTBO	**1126**	963	**2235**	**5221**	**9544**	**8779**	100
07-WW	926	**1327**	**2463**	4765	**9481**	**8473**	100
Fria	1022	893	**2191**	**5373**	**9479**	**8328**	100
Big Boss	1102	**1239**	**2224**	4866	**9430**	**8973**	100
Diamond T	**1218**	1135	**2174**	4851	**9376**	**8794**	100
ME4	689	1085	**2252**	**5254**	9279	**8832**	100
Verdure	**1165**	**1298**	**2200**	4500	9163	**8965**	100
Grits	908	943	**2555**	4726	9132	**8182**	100
FL2011PE2xLATE	959	1082	**2252**	4833	9126	**7928**	100
ME-94	923	1098	**2274**	4826	9121	.	100
Passerel Plus	1073	1178	**2069**	4646	8966	**8540**	100
Bulldog Grazer	980	1126	**2799**	3979	8884	**8150**	100
Winterhawk	786	895	**2154**	**5012**	8847	**8257**	100
FLSh20112xME	**1211**	1215	**2405**	3757	8588	**8350**	100
FLxSH20112xEARLY	**1244**	**1362**	**2322**	3237	8163	.	100
Average	1104	1182	2317	4813	9416 [1]	8684	100
LSD at 10% Level	300	268	N.S.[2]	534	884	N.S.	-
Std. Err. of Entry Mean	128	114	149	227	265	220	-

1. C.V. = 8.0%, and df for EMS = 75.
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 26, 2011.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 5.8.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Corn.

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

Calhoun, Georgia:
Ryegrass Forage Performance, 2011-2012

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	2-01-12	3-15-12	4-11-12	5-23-12	2012	2-Yr Avg
	lb/acre					
Prine	**2213**	**1883**	5632	**5296**	**15024**	**13249**
Diamond T	**2479**	**1722**	5715	**5087**	**15003**	**13701**
Verdure	**2972**	**1733**	6109	3988	**14802**	**12901**
M2CVS	1931	**1808**	5978	**4662**	**14379**	.
ME4	**2217**	**1852**	**6338**	3842	**14249**	**12694**
TAMTBO	1764	**1734**	**6810**	3918	**14225**	**13273**
ME-94	2161	**1766**	**6580**	3580	**14087**	.
Big Boss	1623	**1946**	5759	**4693**	**14020**	**13389**
FL2011PE2xLATE	1757	**1894**	5708	**4518**	**13876**	12337
Flying A	**2179**	**1632**	6038	3945	**13794**	12025
Fria	1378	**1913**	5698	**4525**	**13514**	12472
FL2011Red4xLATE	1729	**1708**	5782	4118	13337	11970
Attain	1795	**1727**	5468	4211	13201	12513
Marshall	1430	**2229**	5811	3663	13134	12263
Oregro DH-3	2117	**1874**	5369	3706	13065	11670
07-EW	1725	**1627**	5527	4089	12967	11640
Nelson	831	**1557**	5771	**4771**	12930	**12702**
Grits	1217	**1666**	6030	3984	12897	11780
Jackson	1687	**1678**	5559	3951	12874	11665
Winterhawk	1191	**1863**	5620	3939	12613	11605
Bulldog Grazer	1681	**2293**	5173	3123	12269	11776
07-WW	1477	**1606**	5176	3698	11957	11164
Early Ploid	1715	**2097**	4924	3198	11934	11893
FLSh20112xME	1463	**2183**	5012	2951	11608	10373
FLxSH20112xEARLY	**2267**	**1728**	4112	2874	10982	.
Average	1800	1829	5668	4013	13310 [1]	12230
LSD at 10% Level	802	N.S.[2]	577	797	1627	1066
Std. Err. of Entry Mean	340	218	244	338	690	455

1. C.V. = 10.4%, and df for EMS = 72.
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: September 30, 2011.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Rome gravelly clay loam.
Soil Test: P = High, K = High, and pH = 6.0.
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, 2011-2012

	Dry Matter Yield						
	Harvest Date					Season Totals	
Brand-Variety	1-17-12	2-13-12	3-21-12	4-16-12	5-22-12	2012	2-Yr Avg
	lb/acre						
ME4	**1313**	**1993**	**2930**	1027	**521**	**7783**	**7949**
Big Boss	**1530**	**1947**	**2739**	**1080**	**224**	**7519**	**8076**
Attain	1118	**1874**	2398	**1215**	**313**	6918	**7526**
Early Ploid	**1158**	**1934**	2537	834	**315**	6777	**7994**
Prine	1053	**1860**	2433	**1074**	**348**	6768	7202
TAMTBO	**1161**	1750	**2653**	**1099**	.	6664	7320
Jackson	**1484**	1787	2249	**1126**	.	6645	7034
FL2011Red4xLATE	**1184**	**1860**	2294	983	**192**	6513	7010
07-EW	**1298**	**1897**	**2647**	493	.	6336	7079
Nelson	984	1662	2441	**1206**	.	6293	7076
Passerel Plus	1125	1699	2147	**1269**	.	6240	7211
Verdure	1083	1756	2457	881	.	6177	7303
Marshall	1117	1734	2296	980	.	6126	7271
ME-94	**1208**	1732	2028	**1151**	.	6119	.
Flying A	**1369**	1796	2357	559	.	6082	6996
Diamond T	1100	1757	2209	879	.	5944	6665
M2CVS	789	1672	2330	**1091**	.	5882	.
Grits	796	1689	**2699**	645	.	5829	6490
FLSh20112xME	824	**1993**	2593	396	.	5805	6969
FL2011PE2xLATE	820	1755	2499	727	.	5801	6472
Bulldog Grazer	807	1886	**2667**	387	.	5747	6795
Oregro DH-3	**1179**	1793	2272	449	.	5693	6228
Winterhawk	832	1658	2516	558	.	5563	6612
FLxSH20112xEARLY	927	**2086**	1994	354	.	5361	.
07-WW	1028	1532	2105	602	.	5266	6020
Fria	546	1406	2426	808	.	5186	5974
Average	1070	1789	2420	841	319	6194 [1]	7012
LSD at 10% Level	390	276	308	214	N.S.[2]	743	588
Std. Err. of Entry Mean	166	117	130	91	86	316	251

1. C.V. = 10.2%, and df for EMS = 75.
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, 2011.
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: 51 lb N/acre after 1st, 2nd, 3rd, and 4th 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, 2011-2012
with Two- and Three-Year Averages

	Dry Forage Yield								
	Tifton		Plains		Calhoun		Statewide		
Brand-Variety	2012	3-Year Average	2012	3-Year Average	2012	3-Year Average	2012	2-Year Average	3-Year Average
	lb/acre								
07-EW	5609	.	**9866**	.	12967	.	**9480**	9307	.
07-WW	5608	.	**9481**	.	11957	.	**9015**	8923	.
Attain	**6447**	.	**10201**	.	13201	.	**9950**	**9993**	.
Big Boss	**6287**	.	**9430**	.	**14020**	.	**9912**	**10177**	.
Bulldog Grazer	**6349**	**7633**	8884	7663	12269	**11375**	**9167**	9288	8890
Diamond T	5454	7346	**9376**	8245	**15003**	**12358**	**9944**	**9928**	**9316**
Early Ploid	**6588**	.	**9721**	.	11934	.	**9414**	**9868**	.
FL2011PE2xLATE	5123	.	9126	.	**13876**	.	**9375**	9179	.
FL2011Red4xLATE	**6240**	.	**9590**	.	13337	.	**9722**	9480	.
FLSh20112xME	5937	.	8588	.	11608	.	**8711**	8770	.
FLxSH20112xEARLY	**6064**	.	8163	.	10982	.	**8403**	.	.
Flying A	5177	6774	**10029**	7974	**13794**	**11262**	**9667**	9214	8670
Fria	5177	.	**9479**	.	**13514**	.	**9390**	9382	.
Grits	5153	.	9132	.	12897	.	**9061**	9090	.
Jackson	5615	7211	**9629**	7650	12874	**11202**	**9373**	9204	8688
M2CVS	5800	.	**9692**	.	**14379**	.	**9957**	.	.
ME-94	5526	.	9121	.	**14087**	.	**9578**	.	.
ME4	**6800**	**7726**	9279	8118	**14249**	**11999**	**10109**	**9919**	**9281**
Marshall	5811	7467	**10189**	**8756**	13134	**11518**	**9711**	9714	**9247**
Nelson	5966	**8085**	**10123**	8311	12930	**11786**	**9673**	**10043**	**9394**
Oregro DH-3	5369	7272	**9631**	8115	13065	**10936**	**9355**	9214	8774
Passerel Plus	5310	7343	8966	7910	.	.	.	.	.
Prine	**6201**	**7682**	**9568**	8183	**15024**	**12145**	**10264**	**10021**	**9337**
TAMTBO	5668	7211	**9544**	8125	**14225**	**12330**	**9812**	**9860**	**9222**
Verdure	**6099**	.	9163	.	**14802**	.	**10021**	**9953**	.
Winterhawk	5412	6711	8847	7771	12613	**11152**	**8957**	8907	8545
Average	5799	7372	9416	8068	13310	11642	9521	9520	9033
LSD at 10% Level	808	474	884	396	1627	N.S.[1]	N.S.	439	339
Std. Err. of Entry Mean	242	202	265	169	690	346	286	188	145

1. The F-Test indicated no statistical difference at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

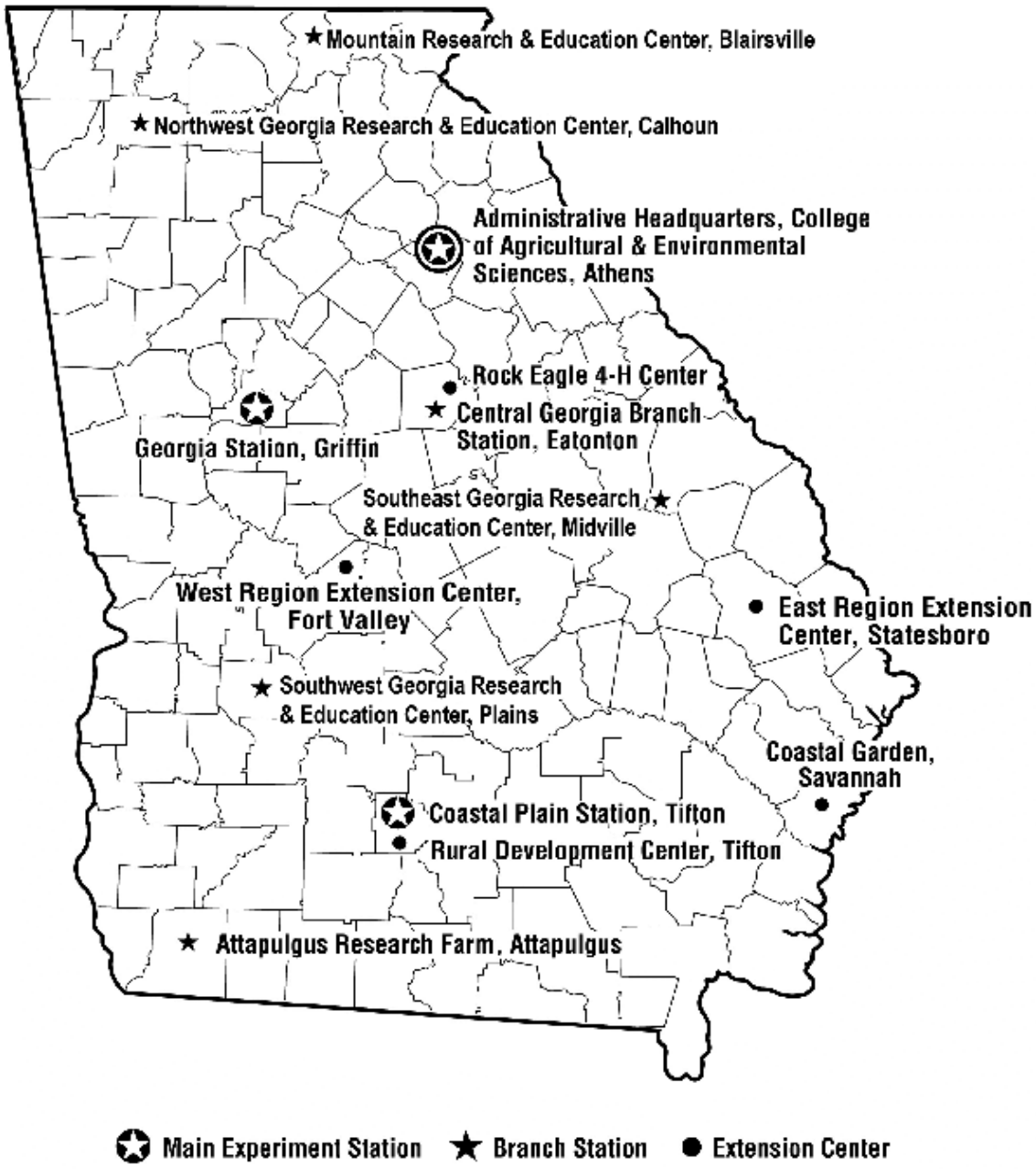
Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Sources of Seed
for the 2011-2012 Small Grains Performance Tests

Crop	Variety – Seed Source
Wheat	**- AGS** - AGSouth Genetics, LLC, P.O. Box 72246, Albany, GA 31708.
	- Arcadia, Coker 9553 and Coker 9700 - AgriPro Coker, P.O. Box 1240, Winterville, NC 28590.
	- Dyna-Gro Baldwin and Oglethorpe – Dyna-Gro Seed, 6221 Riverside Dr., Suite One, Dublin, OH 43017.
	- **Endurance, NF95134A and NF96131** – The Samuel Roberts Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401.
	- **Exp 32110, Exp 32111, Exp 32112, Exp 32113 and VA05W-151** – JGL, Inc., 3540 South US 231. Greencastle, IN 46135.
	- 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, VA06W-412, VA07W-415, VA08W-176 and VA08W-294 - 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.
	- LA821, LA841 and TV - Terral Seed Inc., P.O. Box 826, Lake Providence, LA. 71254.
	- NC - North Carolina State University, 840 Method Road, Unit 3, Raleigh, NC 27695-7629.
	- 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.
	- SS - Southern States Coop, P.O. Box 26234, Richmond, VA 23260.
	- **USG** - UniSouth Genetics, Inc., 3205-C Hwy 46 South, Dickson, TN 37055.
Triticale	**- FL** – University of Florida, 155 Research Rd., Quincy, FL 32351.
	- Monarch and Trical 342 – Syngenta Seeds, Inc., 7099 Parkbrook Lane, Cordova, TN 38018.
Rye	**- AGS 104 Bates RS4, Elbon, Florida 401, NF and Wrens 96** - The Noble Foundation, P.O. Box 2180, Ardmore, OK 73402.
	- Wrens Abruzzi - Georgia Seed Development Commission, 2420 S. Milledge Avenue, Athens, GA 30605.

Sources of Seed
for the 2011-2012 Small Grains Performance Tests (Continued)

Crop	Variety – Seed Source
Oat	- **07-LFWH** – Oregro Seeds, Inc., 33080 Red Bridge Road, Albany, OR 97377.
	- **Everleaf 114, Everleaf 126, Kona and Shooting Star** – ProGene Plant Research, 860 S. Crestline, Othello, WA 99344.
	- **FL** – University of Florida, 155 Research Rd., Quincy, FL 32351.
	- **Gerard 224, Gerard 229 and NC** - North Carolina State University, 840 Method Road, Unit 3, Box 7629, Raleigh, NC 27695.
	- **Harrison, NF27 and NF95418** – The Samuel Roberts Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401.
	- **Horizon 201 and Horizon 270** - Plantation Seed Conditioners, P.O. Box 398, Newton, GA 39870.
	- **LA** - LSU State University, SPESS, 221 M.B. Sturgis Hall, Baton Rouge, LA 70803-2110.
	- **Plot Spike LA9339 and RAM LA99016** - Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454
	- **SS 76-40 and Exp 76-50** - Southern States Coop, P.O. Box 26234, Richmond, VA 23260.
	- **TAMO 406, TAMO 411 and TX** - Texas A&M University, 2747 TAMUS, College Station, TX 77843-2474.
Barley	- **Atlantic, Dan, Price and Thoroughbred** – 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, TAMTBO, 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** – University of Florida, P.O. Box 110965, Gainesville, FL 32608.
	- **Fria** – Allied Seed LLC, 1108 Hilldale Drive, Macon, MO 63552.
	- **Grits** - Lewis Seed Co., 31810 Fayetteville Drive, Shedd, OR. 97377.
	- **Jackson, Marshall, ME4, ME94, M2CVS and Nelson** - The Wax Company, Inc., P.O. Box 60, Amory, MS 38821.
	- **Passerel Plus** - Pennington Seed, Inc., 270 Hansard Ave., Lebanon, OR 97355.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