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Georgia
2013-2014 Small Grain Performance Tests

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Dustin Dunn, Henry Jordan Jr., and J. LaDon Day
Editors

Wheat

Oat

Rye

Triticale

Barley

Ryegrass

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Conversion Table

U.S. Abbr.	Unit	Approximate Metric Equivalent
	Length	
mi	mile	1.609 kilometers
yd	yard	0.9144 meters
ft *or* '	foot	30.48 centimeters
in *or* "	inch	2.54 centimeters
	Area	
sq mi *or* mi^2	square mile	2.59 square kilometers
acre	acre	0.405 hectares *or* 4047 square meters
sq ft *or* ft^2	square foot	0.093 square meters
	Volume/Capacity	
gal	gallon	3.785 liters
qt	quart	0.946 liters
pt	pint	0.473 liters
fl oz	fluid ounce	29.573 milliliters or 28.416 cubic centimeters
bu	bushel	35.238 liters
cu ft *or* ft^3	cubic foot	0.028 cubic meters
	Mass/Weight	
ton	ton	0.907 metric ton
lb	pound	0.453 kilogram
oz	ounce	28.349 grams

Metric Abbr.	Unit	Approximate U.S. Equivalent
	Length	
km	kilometer	0.62 mile
m	meter	39.37 inches *or* 1.09 yards
cm	centimeter	0.39 inch
mm	millimeter	0.04 inch
	Area	
ha	hectare	2.47 acres
	Volume/Capacity	
liter	liter	61.02 cubic inches *or* 1.057 quarts
ml	milliliter	0.06 cubic inch *or* 0.034 fluid ounce
cc	cubic centimeter	0.061 cubic inch *or* 0.035 fluid ounce
	Mass/Weight	
MT	metric ton	1.1 tons
kg	kilogram	2.205 pounds
g	gram	0.035 ounce
mg	milligram	3.5×10^{-5} ounce

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PREFACE

Results of the 2013-2014 performance tests of small grains grown for grain and forage are printed in this research report. Grain evaluation studies were conducted at five locations in Georgia, including Tifton, Plains and Midville in the Coastal Plain region, Griffin in the Piedmont region, and Calhoun in the Limestone Valley region. Small grain forage evaluation tests were conducted at four locations in Georgia, which included Tifton and Plains in the Coastal Plain region, Griffin in the Piedmont region, and Calhoun in the Limestone Valley region, and at Marianna, Florida. For identification of the test locations, consult the map 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 the footnotes. Since the average yield from several years indicates a variety's potential better than a single year's data, multiple year yield summaries are included.

In order to have a broad base of information, a number of varieties, including experimental lines, are included in the tests, but this does not imply that all are recommended for Georgia. Varieties best suited to a specific area or for a particular purpose and agreed upon by College of Agricultural and Environmental Sciences scientists are presented on pages 4 and 5 and also in the 2014 Fall Planting Schedule for Georgia (available at your county Extension office). For additional information, contact your local county Extension office, the nearest UGA campus, or nearest UGA Research and Education Center.

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

This report is one of five publications presenting the performance of agronomic crops in Georgia. For information concerning other crops, refer to one of the following research reports: 2013 Corn Performance Tests (Annual Publication 101-5), 2013 Soybean, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests (Annual Publication 103-5), 2013 Peanut, Cotton, and Tobacco Performance Tests (Annual Publication 104-5) and 2013-2014 Canola Performance Tests (available at http://www.swvt.uga.edu/canola.html).

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

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Edited by John D. Gassett, Anton E. Coy, Dustin Dunn, Henry Jordan Jr., and J. LaDon Day

The Season

Georgia's small grain producers faced dry conditions for forage planting in the fall of 2013, a conundrum of sorts considering the amount of rain received during the summer months. Topsoil moisture over much of the state was short to adequate until November when much needed rains were received. Unfavorable soil conditions prevented germination in some sown fields. Delayed seeding of most acreage resulted in a mid- to late-planted crop or many acres not being planted. Georgia wheat producers seeded 300,000 acres of wheat during the 2013-2014 crop year, a decrease of 120,000 acres or 28% less than the previous year. Rye producers seeded 170,000 acres, 10% less than last year, while oat acreage increased to 60,000 acres or 17% over last year.

Rainfall amounts recorded monthly (nine month season) at the five test locations in Georgia and at Marianna, FL during the 2013-2014 growing season are presented in the following table. All locations received slightly more than normal rainfall except Plains, which received 2.83 inches less than normal.

2013-2014 Rainfall[1]

		Calhoun [2]	Griffin	Midville	Plains	Tifton	Marianna, FL[3]
Month	Year	inches					
October	2013	1.42	0.69	0.70	0.36	0.63	1.96
November	2013	4.83	1.82	1.78	2.54	3.50	3.91
December	2013	9.25	9.84	4.04	8.69	2.08	4.44
January	2014	3.08	4.06	3.28	3.10	3.12	2.15
February	2014	4.63	9.21	5.39	4.17	4.35	4.99
March	2014	4.38	5.24	3.71	3.40	5.46	7.70
April	2014	7.02	5.64	6.24	7.91	8.72	13.18
May	2014	3.81	1.53	9.21	1.25	8.41	4.03
June	2014	5.63	3.82	2.98	1.96	1.96	2.32
Total (9 months)		44.05	41.85	37.33	33.38	38.23	44.68
Normal (9 months)		42.15	37.96	32.13	36.21	33.45	38.70

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

The Georgia small grain growing season of 2013-2014 started off dry, however adequate precipitation occurred throughout the growing season. Due to cold temperatures, vernalization was not an issue as it was in the previous small grain season. There was sporadic insect damage around the state due to Hessian fly and

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cereal leaf beetle, but the damage was minimal. Powdery mildew was of concern for farmers in extreme south Georgia and required an application of fungicide. Also, Fusarium Head Blight disease caused economic damage for the first time in decades due to the cold, wet weather during anthesis. Crown rust in oats was a concern for oat producers for the second year in a row.

During 2014 Georgia wheat producers averaged harvesting 55 bushels per acre, a decrease from last year's record 60 bushels per acre. There was a total of 250,000 acres of wheat grain harvested, 100,000 acres or 28% less than 2013. This acreage of wheat produced 13.75 million bushels, a 35% decrease from last year. Twenty thousand acres of oats were harvested for grain during 2014, the same harvested acres as in 2012. Twenty thousand acres of rye were harvested for grain, a reduction of 50% from the previous year. Rye production in Georgia is primarily for forage.

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 2014 planting season are presented in the following tables.

Recommended Grain Varieties for 2014

Barley	Atlantic (S)	Price (S)	
	Nomini (S)	Thoroughbred (S)	
Oat	Gerard 229 (P,M)[2]	Horizon 201 (S)[2]	Plot Spike LA9339 (S)[2]
	Gerard 224 (S)[2]	Horizon 270 (S)[2]	SS 76-50 (P,M)[2]
		Horizon 306 (S)[2]	
Wheat	AGS 2026 (S)	Jamestown (S)[2,4]	SS 8641 (S)
	AGS 2027 (S)	LA754 (C)[2]	TV8525 (P,M)[2,4]
	AGS 2035 (S)	Oglethorpe (S)	TV8535 (P,M)[4]
	AGS 2038 (S)	Pioneer 26R10 (P,M)	*TV8848 (P,M)[2]
	AGS 2060 (C)[2,3]	Pioneer 26R20 (P,M)[2]	TV8861 (P,M)
	*Dyna-Gro Baldwin (S)	Pioneer 26R94 (S)	USG 3024 (P,M)
	Dyna-Gro 9171 (P,M)[4]	SS 8415 (S)	*USG 3555 (P,M)[2,4]
	*Fleming (C)[3,4]	SS 8629 (S)	
Triticale	Trical 342 (C,P)		

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
2. Consider using a labeled 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 2015.

Recommended Forage Varieties for 2014

Oat	*Horizon 201 (S)	Plot Spike LA 9339 (C)	RAM LA99016 (S)
Wheat	AGS 2038 (S)	Roberts (P,M)[2]	
	Oglethorpe (P,M)	SS8641 (S)	
Rye	*AGS 104 (S)	Elbon (S)	Wrens Abruzzi (S)
	Bates RS4 (S)	Florida 401 (C)[2]	
Triticale	Monarch (C,P)	Trical 342 (C,P)	
Ryegrass	Attain (S)	Fria (M)	Nelson (S)
	Big Boss (S)	Jackson (C)	Prine (P,M)
	Diamond T (C)	*Jumbo (C)	TAMTBO (S)
	Early Ploid (S)	Marshall (S)	Winterhawk (P,M)

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
2. Suitable for early planting.
* To be dropped from list in 2015.

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 2014

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, 2014

Wheat

	Resistance												
Brand-Variety	Leaf Rust	Stripe Rust	Glume Blotch	Powdery Mildew	BYD[1]	SBWM[2]	Head Scab[3]	Hessian Fly	Test Wt	Maturity	Straw Strength	Vernal. Requir.	Awned
AGS 2026	good	good	good	good	fair	good	poor	good*	good	medium	fair	short	no
AGS 2027	good	good	good	good	fair	good	fair	good*	good	medium	fair	medium	no
AGS 2035	good	good	fair	fair	fair	good	fair	good	good	medium	good	short	yes
AGS 2038	good	good	fair	good	fair	good	fair	fair	good	med.late	good	medium	yes
AGS 2060	good	good	good	poor	fair	fair	fair	good	good	early	fair	short	yes
Dyna-Gro Baldwin	good	good	good	fair	fair	good	fair	fair	good	med.late	good	medium	yes
Dyna-Gro 9171	fair	good	good	fair	fair	good	good	poor	fair	late	good	long	yes
Fleming	good	fair	fair	good	poor	poor	poor	poor	good	early	fair	short	yes
Jamestown	good	good	fair	good	fair	good	good	poor	good	medium	good	short	yes
LA754	good	good	fair	poor	fair	good	fair	good	good	early	good	short	yes
Oglethorpe	good	good	good	fair	fair	good	fair	good*	good	medium	fair	short	no
Pioneer 26R10	fair	good	good	fair	fair	good	fair	good	good	late	good	long	yes
Pioneer 26R20	poor	poor	-	fair	good	good	good	good	good	late	good	long	yes
Pioneer 26R61	fair	good	fair	fair	fair	good	fair	good	good	medium	good	medium	yes
Pioneer 26R94	good	good	fair	good	fair	good	fair	good	good	medium	good	short	yes
Roberts	poor	poor	good	good	fair	good	fair	poor	good	late	fair	med. long	no
SS 8415	fair	good	-	good	fair	good	good	good*	good	late	good	long	no
SS 8629	fair	good	fair	fair	fair	good	good	good*	good	medium	fair	medium	yes
SS8641	good	good	fair	good	fair	good	poor	good	good	medium	good	medium	no
TV8525	poor	fair	good	fair	fair	good	good	poor	good	late	good	long	yes
TV8535	fair	fair	good	fair	good	good	good	poor	fair	late	good	long	yes
TV8848	poor	fair	good	fair	good	good	fair	good	fair	late	good	long	yes
TV8861	fair	good	good	good	fair	good	fair	good	good	late	good	med. long	yes
USG 3024	good	good	good	good	fair	good	poor	fair	good	medium	good	medium	yes
USG 3555	poor	good	fair	good	fair	good	good	poor	fair	medium	good	med. long	no
Triticale													
Monarch	good	-	-	good	good	-	-	fair	fair	early	good	short	yes
Trical 342	good	-	-	good	good	-	-	fair	fair	early	good	short	yes

1. Barley yellow dwarf virus.
2. Soil-borne wheat mosaic virus.
3. Data added September 9, 2013.

* Resistant to Bio-Type L.

Oat

	Resistance					
Brand-Variety	Crown Rust	BYD	Cold Hardiness	Maturity	Test Weight	Straw Strength
Gerard 224	poor	fair	good	medium	good	fair
Gerard 229	poor	fair	good	medium	good	fair
Horizon 201	poor	fair	good	medium	fair	fair
Horizon 270	poor	fair	good	medium	good	good
Horizon 306	poor	fair	good	medium	good	good
Plot Spike LA 9339	poor	fair	good	medium	good	good
SS 76-50	poor	fair	good	medium	good	good

Barley

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

SMALL GRAIN UPDATES

DISEASES

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The 2013-14 wheat crop was planted under good weather conditions. Rain in November and December aided in good crop establishment. A cold, wet winter was followed by a long, cool and wet spring.

Powdery mildew (*Blumeria graminis*) was observed throughout the state with heavy disease pressure observed in extreme south Georgia. Many growers in that area sprayed early for powdery mildew control.

Fusarium Head Blight (FHB/Scab) (*Fusarium graminearum*) incidences were wide-spread. In the southwestern part of the state FHB was severe. Research plots at the Southwest Georgia Research and Education Center in Plains had severity ratings that reached up to 50%. Lower infection rates were observed in Tifton and Griffin. This is the first season in decades that FHB was observed at high levels in Georgia. The cool, wet weather at the time of flowering was conducive for FHB infections throughout the state.

Although leaf rust (*Puccinia triticina*) was observed at the research center in Plains, statewide leaf rust was at some of the lowest observed levels in years. This was due in part to the long, cool spring, which does not favor leaf rust, and to many production fields being sprayed earlier in the season with fungicides.

Stripe rust (*Puccinia striiformis*) was observed at Griffin and Plains where plots were artificially inoculated. Stripe rust was not found in locations around the state and was not a problem for growers this season. We are continuing to grow production varieties with good stripe rust resistance, which aids in limiting epidemics.

Stagonospora spot blotch, tan spot, wheat streak mosaic, and barley yellow dwarf virus were observed throughout the state and seemed more prevalent than previous years. Soil borne mosaic virus was not an issue for this growing season.

Crown rust (*Puccinia coronata*) on oats was a significant problem in Georgia this year, particularly at Tifton and Plains. Only four out of 20 varieties grown in the Statewide Variety Test had crown rust resistance. As a grower in the southern part of Georgia, the choice of variety grown is critical, however, often limited by seed availability.

INSECTS

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The variety tests were sampled for Hessian fly, *Mayetiola destructor*, in late April 2014 at Southwest Georgia Research and Education Center near Plains, at the Bledsoe Research Farm near Griffin, and at the Lang Farm, UGA-Tifton Campus. Early maturing lines were evaluated in a separate test at Tifton. Results are shown in the next tables.

Hessian fly infestations were low at all locations, making definitive ratings difficult. Several wheat varieties showed good levels of Hessian fly resistance. Varieties with good resistance in southern Georgia may not be resistant in northern Georgia because of the presence of biotype L in northern Georgia. Rye and oats also are good Hessian-fly resistant alternatives to wheat for forage production because rye is highly resistant and oats are immune to the insect.

Cold wet conditions in the fall and winter of 2013-2014 caused wheat to develop and mature later 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 caused direct injury to wheat and also transmitted 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.

Consult your local county Extension agent and 2014 Georgia Pest Management Handbook for a list of recommended insecticides and management practices for these and other insect pests of small grains.

Hessian fly infestation in wheat entries in the 2013-2014 Georgia Small Grain Performance Tests, Plains, Griffin, and Tifton, Georgia

	Plains		Griffin		Tifton	
Entry name	% Infested stems	No. Immatures /stem	% Infested stems	No. Immatures /stem	% Infested stems	No. Immatures /stem
AGS 2000	40	0.50	10	0.10	-	-
AGS 2026	5	0.05	0	0.00	5	0.05
AGS 2027	0	0.00	0	0.00	0	0.00
AGS 2035	0	0.00	0	0.00	5	0.05
AGS 2038	40	1.05	0	0.00	0	0.00
AGS 2040	85	3.10	10	0.20	25	0.55
Arcia (triticale)	40	1.50	10	0.25	-	-
Dyna-Gro 9171	77	2.23	45	0.90	-	-
Dyna-Gro Baldwin	5	0.10	15	0.15	30	0.60
Dyna-Gro Oglethorpe	0	0.00	0	0.00	0	0.00
Endurance	35	0.35	25	0.40	75	2.35
FL01008	15	0.20	20	0.40	-	-
FL01143 (triticale)	40	0.65	0	0.00	-	-
FL08128	25	0.50	15	0.15	-	-
Fleming	35	0.55	10	0.10	10	0.15
GA 03185-12LE29	0	0.00	0	0.00	0	0.00
GA 03564-12E6	0	0.00	0	0.00	20	0.25
GA 041052-11E51	10	0.15	10	0.10	0	0.00
GA 041229-13E55	5	0.05	5	0.05	15	0.15
GA 041293-11E54	40	0.90	40	0.85	15	0.15
GA 041293-11LE37	30	0.30	25	0.30	20	0.35
GA 04417-12E33	0	0.00	0	0.00	0	0.00
GA 04434-11E44	55	0.35	5	0.05	10	0.10
GA 04434-12LE28	60	1.60	5	0.05	0	0.00
GA 04434-13E52	50	0.70	25	0.25	20	0.25
GA 051033-13LE14	55	2.15	20	0.40	10	0.15
GA 051102-13LE43	45	0.70	30	0.35	15	0.40
GA 051335-13E13	40	0.60	20	0.30	10	0.10
GA 051335-13LE19	50	1.50	25	0.30	20	0.20
GA 05304-12E35	15	0.25	10	0.10	0	0.00
GA 06033-13EE18	10	0.30	0	0.00	35	0.60
GA 061082-13E24	55	1.35	35	0.50	25	0.60
GA 06112-13EE16	45	0.90	10	0.15	10	0.10
GA 061151-13EE26	20	0.50	15	0.20	0	0.00
GA 061349-13E4	20	0.30	10	0.15	15	0.25
GA 061349-13E5	10	0.25	30	0.40	25	0.30
GA 061349-13LE29	§	§	10	0.15	30	0.30
GA 061349-13LE31	30	0.40	40	0.80	10	0.10
GA 06344-13EE21	0	0.00	0	0.00	10	0.10
GA 06474-13EE13	15	0.35	5	0.20	5	0.05
GA 06478-13E23	40	1.00	20	0.30	0	0.00
GA 06493-13LE6	35	0.50	40	0.55	5	0.15
GA 07163-12LE9	0	0.00	15	0.15	0	0.00
GA051754-12LE13	0	0.00	0	0.00	0	0.00
GA-Gore	70	1.60	45	0.65	55	1.45
Jamestown	40	0.70	35	0.40	20	0.05
LA3200-E2	0	0.00	15	0.15	0	0.00
LA3200-E23	5	0.25	0	0.00	0	0.00
LA5032D-136	30	0.50	25	0.40	10	0.10
LA5130D-P5	10	0.20	30	0.55	15	0.35

Hessian fly infestation in wheat entries in the 2013-2014 Georgia Small Grain Performance Tests, Plains, Griffin, and Tifton, Georgia (Continued)

	Plains		Griffin		Tifton	
Entry name	% Infested stems	No. Immatures /stem	% Infested stems	No. Immatures /stem	% Infested stems	No. Immatures /stem
LA5145D-118	35	2.40	30	0.60	5	0.05
LA6146E-P4	60	1.30	5	0.05	15	0.20
LA754	45	1.30	40	0.65	10	0.10
LA821	69	2.62	20	0.30	50	1.20
LA841	15	0.30	35	0.80	20	0.40
L-BRAND-343	75	1.80	5	0.05	20	0.25
Monarch (triticale)	25	0.60	0	0.00	-	-
NC07-1031	25	0.40	20	0.20	-	-
NC07-1088	20	0.20	5	0.10	-	-
NC08-26	30	0.45	0	0.00	-	-
NC09-22402	65	1.90	25	0.55	25	0.45
NF 95134A	56	1.25	20	0.20	75	2.55
NF 96210	75	2.90	10	0.25	-	-
NK-Coker 9700	90	2.80	35	0.50	25	1.00
P 125	58	2.75	25	0.30	25	0.25
P 185	75	3.00	5	0.05	45	1.40
P 357	55	1.60	55	0.90	100	5.65
P 870	55	1.45	55	1.25	55	1.50
PGX 13-1	35	0.55	5	0.30	75	3.80
Pioneer 26R10	10	0.15	10	0.10	20	0.35
Pioneer 26R20	5	0.10	0	0.00	0	0.00
Pioneer 26R41	0	0.00	0	0.00	0	0.00
Pioneer 26R53	45	0.80	40	0.60	25	0.65
Pioneer 26R61	0	0.00	20	0.25	-	-
Pioneer 26R94	10	0.25	5	0.15	0	0.00
Roberts	40	1.80	10	0.20	-	-
SS 8340	70	1.80	30	0.40	90	4.85
SS 8360	10	0.15	0	0.00	20	0.25
SS 8412	65	1.60	20	0.20	20	0.50
SS 8415	5	0.05	0	0.00	10	0.10
SS 8629	0	0.00	0	0.00	0	0.00
SS 8641	20	0.35	25	0.35	30	0.45
SS Triticale 1414	10	0.15	0	0.00	-	-
SX101	45	0.90	20	0.45	70	3.50
Trical 342 (triticale)	40	0.60	5	0.05	-	-
TV8525	35	1.15	20	0.25	45	0.95
TV8535	80	6.00	50	1.00	40	1.40
TV8848	0	0.00	0	0.00	0	0.00
TV8861	15	0.15	10	0.10	25	0.45
USG 3024	75	2.15	15	0.20	20	0.25
USG 3120	10	0.20	0	0.00	5	0.05
USG 3201	85	6.00	45	0.85	50	1.30
USG 3404	90	3.40	40	0.60	65	2.20
USG 3694	40	1.40	20	0.25	35	0.55
VA08MAS-369	80	1.95	10	0.15	20	0.35
VA10W-123	35	0.85	10	0.10	70	1.85

Results at Griffin and Tifton were from one sample of 20 stems.
§ Sample lost.

Hessian fly infestations* of entries in the late-planted (early maturing lines) wheat trial, Tifton, Georgia, 2013-2014

	Tifton	
Entry name	% Infested stems	No. Immatures/stem
Coker 9700	20	0.40
Fleming	10	0.30
GA 06033-13EE18	20	0.40
GA 06112-13EE16	0	0.00
GA 061151-13EE26	5	0.05
GA 06344-13EE21	0	0.00
GA 06474-13EE13	35	0.95
LA3200-E23	15	0.35
LA5032D-136	10	0.10
LA513OD-P5	45	1.30
LA5145D-118	60	3.25
LA6146E-P4	10	0.65
P 125	20	0.40
Pioneer 26R94	25	0.30
SX101	30	0.40

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

Grain Test Results

Wheat

Tifton, Georgia:
Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Powdery Mildew[2]	FHB/ Scab[3]
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
GA 041293-11E54	**87.3**	**88.4**	18[T]	77.1	56.1	42	1	04/06	0	8
GA 041052-11E51	**86.9**	**87.3**	1	**85.8**	60.7	40	48	04/04	1	8
GA 04434-11E44	**84.1**	79.4	32	74.3	53.9	40	13	04/09	0	0
Pioneer 26R94	83.8	82.2	37	72.5	58.4	45	15	04/06	5	1
Oglethorpe	81.6	83.7	6	**82.6**	57.9	40	60	04/06	10	9
GA 041293-11LE37	80.8	82.4	36	73.1	55.0	43	10	04/07	0	5
Jamestown	80.7	83.0	42	69.5	59.5	40	6	04/05	5	0
AGS 2035	80.1	78.1	34	73.9	59.0	44	30	04/06	10	1
AGS 2027	79.1	81.3	16	77.4	55.9	42	65	04/09	10	5
SS8415	78.8	79.4	4	**82.9**	55.7	43	10	04/11	0	5
AGS 2026	77.2	77.9	33	73.9	56.1	41	41	04/07	13	5
LA754	77.1	75.3	10	**81.3**	60.5	43	45	04/07	8	0
SS 8641	76.5	74.6	46	67.9	53.1	35	30	04/10	0	3
SS 8629	76.4	75.8	38[T]	71.5	54.8	40	23	04/11	15	1
AGS 2038	75.4	74.7	49	67.1	54.7	48	26	04/09	8	1
SS 8412	72.3	70.6	64[T]	60.4	53.7	39	1	04/09	3	0
Coker 9700	71.9	70.6	43	69.4	59.6	40	31	04/04	18	1
USG 3024	71.8	69.4	50	66.9	55.7	39	9	04/10	6	1
Dyna-Gro Baldwin	70.9	70.1	60[T]	63.2	58.6	46	4	04/11	15	0
P 125	70.7	73.1	35	73.2	56.4	38	4	04/06	18	1
Pioneer 26R10	68.8	70.3	21[T]	76.3	55.1	41	4	04/18	23	0
Pioneer 26R20	68.3	71.0	44	69.3	56.6	43	13	04/20	6	0
LA841	66.1	63.7	63	61.7	55.3	45	9	04/06	15	5
GA-Gore	60.3	55.2	66	57.3	53.0	42	48	04/08	8	5
TV8525	57.6	57.5	52[T]	66.5	57.4	39	8	04/13	6	0
P 185	57.5	57.4	62	62.5	56.7	43	16	04/12	18	0
SS 8340	53.9	52.3	65	60.0	58.0	38	1	04/14	18	0
P 870	40.8	44.3	68	55.2	53.5	37	1	04/17	13	0
TV8535	40.7	45.8	69	54.6	53.0	35	2	04/17	15	0
P 357	38.1	42.9	70	53.9	52.4	38	12	04/19	33	0
GA 07163-12LE9	.	**90.5**	30	74.5	54.1	42	26	04/09	0	0
GA 04434-12LE28	.	**89.9**	7	**82.5**	53.4	41	5	04/08	5	2
GA 04417-12E33	.	83.6	23	75.9	55.7	44	25	04/08	0	3
LA3200-E2	.	83.3	3	**83.4**	60.9	40	19	04/06	3	1
GA 03564-12E6	.	80.3	19	76.8	57.6	42	20	04/08	0	3
GA 051754-12LE13	.	78.1	51[T]	66.7	55.0	42	0	04/06	18	3
GA 03185-12LE29	.	78.1	57	65.0	58.2	47	20	04/10	3	0
SX101	.	77.8	26	75.3	60.0	39	19	04/05	1	1
Pioneer 26R41	.	77.3	13	78.4	56.3	40	13	04/17	13	0
USG 3120	.	77.1	38[T]	71.5	59.4	43	5	04/05	13	3

Tifton, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Powdery Mildew[2]	FHB/ Scab[3]
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
GA 05304-12E35	.	71.7	27	75.2	59.8	42	0	04/07	15	1
NC09-22402	.	65.2	59	63.5	56.4	42	35	04/12	0	5
Pioneer 26R53	.	61.1	52[T]	66.5	56.8	36	0	04/10	15	0
USG 3201	.	54.9	60[T]	63.2	57.2	40	23	04/17	20	0
GA 06474-13EE13	.	.	2	**85.6**	61.2	39	45	04/04	6	5
GA 06112-13EE16	.	.	5	**82.7**	61.9	41	11	04/04	0	13
LA6146E-P4	.	.	8	**82.2**	62.0	42	28	04/04	10	1
LA5145D-118	.	.	9	**81.4**	60.7	42	28	04/06	5	3
GA 06033-13EE18	.	.	11	**80.6**	59.2	41	8	04/04	0	5
SS8360	.	.	12	78.6	57.1	40	4	04/17	18	0
GA 061082-13E24	.	.	14	78.1	56.7	38	25	04/05	6	4
TV8861	.	.	15	77.9	56.1	40	4	04/17	13	0
AGS 2040	.	.	17	77.3	61.2	43	9	04/04	6	1
GA 06478-13E23	.	.	18[T]	77.1	59.3	39	1	04/06	13	0
USG 3694	.	.	20	76.5	56.1	46	5	04/12	15	1
GA 06493-13LE6	.	.	21[T]	76.3	54.1	43	45	04/14	0	1
GA 04434-13E52	.	.	22	76.1	55.1	41	20	04/09	15	0
LA3200-E23	.	.	24	75.6	60.0	41	23	04/06	0	4
VA08MAS-369	.	.	25	75.5	58.9	38	2	04/07	0	0
GA 061349-13LE29	.	.	28	74.8	54.2	41	13	04/10	15	1
GA 051102-13LE43	.	.	29	74.7	56.2	44	5	04/10	0	8
GA 061349-13LE31	.	.	31	74.4	55.5	42	19	04/11	8	3
GA 061349-13E4	.	.	39	70.5	53.6	44	23	04/10	11	1
GA 061349-13E5	.	.	40	70.1	55.3	43	28	04/10	20	1
TV8848	.	.	41	70.0	55.5	40	6	04/16	25	0
GA 061151-13EE26	.	.	45[T]	69.2	61.0	44	0	04/04	0	4
GA 051335-13LE19	.	.	45[T]	69.2	53.6	40	50	04/12	6	8
GA 06344-13EE21	.	.	47	67.6	58.0	38	0	04/04	13	8
GA 051033-13LE14	.	.	48	67.3	53.2	44	3	04/10	20	15
LA5130D-P5	.	.	51[T]	66.7	54.7	43	16	04/09	1	0
LA5032D-136	.	.	52[T]	66.5	56.3	45	30	04/09	0	1
L-Brand-343	.	.	53	66.4	55.1	40	9	04/10	18	1
GA 041229-13E55	.	.	54	66.0	55.1	39	1	04/08	1	1
VA10W-123	.	.	55	65.6	54.5	43	84	04/10	1	1
LA821	.	.	56	65.4	55.9	42	36	04/05	10	10
USG 3404	.	.	58	64.4	55.0	41	3	04/16	18	0
GA 051335-13E13	.	.	61	62.8	51.4	43	25	04/10	0	8
Fleming	.	.	64[T]	60.4	59.8	39	6	03/27	18	0
NF95134A	.	.	67	55.6	57.3	46	83	04/08	1	1
Endurance	.	.	71	36.8	52.8	42	24	04/07	15	2
PGX 13-1	.	.	72	21.5	51.0	38	2	04/21	40	1
Average	70.5	72.4		70.2[4]	56.6	41	19	04/09	9	2
LSD at 10% Level	4.4	5.7		6.1	1.6	3	26	01	-	-
Std. Err. of Entry Mean	1.9	2.4		2.6	0.7	1	11	01	-	-

Tifton, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Powdery mildew data recorded on April 16, 2014.
3. Fusarium Head Blight (FHB/scab) data recorded on May 7, 2014.
4. C.V. = 7.4%, and df for EMS = 240.

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

Planted: November 20, 2013.
Harvested: May 30, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = Medium, K = Medium, and pH = 5.8.
Fertilization: Preplant: 48 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, moldboard plowed, and rototilled; Harmony Extra used for weed control; 1,000 lb/acre lime applied.
Previous Crop: Peanuts.

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

Tifton, Georgia:
Late-Planted Wheat Grain Performance, 2013-2014

	Yield[1]		2014 Data					
Brand-Variety	3-Year Average	2-Year Average	Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Coker 9700	**33.5**	**35.6**	13	49.7	56.5	36	15	04/08
P 125	**26.7**	**30.0**	12	50.5	54.1	36	0	04/12
GA 06474-13EE13	.	.	1	**75.2**	59.2	36	0	04/06
GA 06112-13EE16	.	.	2	**71.4**	62.5	38	0	04/05
GA 06033-13EE18	.	.	3	**71.0**	58.7	41	1	04/06
GA 061151-13EE26	.	.	4[T]	64.7	59.9	41	0	04/09
LA6146E-P4	.	.	4[T]	64.7	60.6	37	3	04/06
Pioneer 26R94	.	.	4[T]	64.7	57.4	41	0	04/12
SX101	.	.	5	63.7	53.6	37	0	04/10
LA5145D-118	.	.	6	62.9	60.0	41	1	04/10
LA3200-E23	.	.	7	59.7	56.1	38	0	04/10
GA 06344-13EE21	.	.	8	55.1	57.2	37	0	04/07
LA5032D-136	.	.	9	54.2	55.3	43	16	04/12
LA5130D-P5	.	.	10	53.3	57.4	40	8	04/13
Fleming	.	.	11	53.2	57.0	37	1	04/04
Average	30.1	32.8		60.9 [2]	57.7	38	3	04/09
LSD at 10% Level	N.S.[3]	N.S.		6.5	4.5	2	11	01
Std. Err. of Entry Mean	1.0	1.3		2.8	1.9	1	5	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.0%, and df for EMS = 42.
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).

Planted: December 6, 2013.
Harvested: May 29, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = Medium, K = Medium, and pH = 5.8.
Fertilization: Preplant: 48 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, moldboard plowed, and rototilled; 1,000 lb/acre lime applied.
Previous Crop: Peanuts.

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

Plains, Georgia:
Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Leaf Rust[2]	FHB/ Scab[3]	Stripe Rust[4]
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
GA 04434-11E44	**88.3**	**93.7**	7[T]	**95.3**	57.6	39	1	04/12	0	15	0
SS8415	**87.1**	**96.0**	2	**98.2**	58.0	42	13	04/12	0	20	1
Pioneer 26R94	**87.0**	88.9	22	87.8	61.0	42	3	04/10	0	25	0
GA 041293-11E54	**86.0**	89.0	20[T]	88.4	56.7	41	2	04/10	0	30	0
GA 041052-11E51	**85.5**	**91.7**	1	**100.0**	60.4	38	10	04/05	0	5	0
SS 8641	**85.2**	**92.9**	24	87.1	56.9	42	2	04/11	0	20	0
AGS 2027	**84.0**	**91.0**	6	**95.9**	58.9	38	16	04/10	0	5	0
Oglethorpe	**83.5**	89.3	4	**96.6**	59.5	39	40	04/09	0	5	0
GA 041293-11LE37	**82.4**	87.6	49	78.1	57.6	39	1	04/10	0	30	0
LA754	**81.8**	87.1	13	91.2	59.4	41	28	04/11	0	15	5
SS 8629	81.2	**90.2**	16[T]	90.7	58.5	39	8	04/13	20	10	0
AGS 2026	79.4	84.5	12	92.3	58.4	39	36	04/10	10	15	0
AGS 2038	78.2	79.5	26	86.8	58.1	47	0	04/12	0	30	1
AGS 2035	77.8	75.6	30[T]	85.0	61.1	43	3	04/09	0	25	3
Jamestown	76.2	79.6	50	77.7	60.5	37	1	04/09	30	1	0
Coker 9700	76.0	75.4	43[T]	80.6	59.6	37	9	04/06	15	1	0
USG 3024	75.1	**91.0**	28	86.4	59.1	38	15	04/11	0	20	0
LA841	73.0	76.8	51	77.5	56.6	41	2	04/10	0	20	0
P 125	70.2	73.0	61[T]	71.3	55.4	41	4	04/10	40	50	1
Dyna-Gro Baldwin	68.0	71.7	61[T]	71.3	58.4	45	1	04/13	0	5	15
Pioneer 26R10	67.2	78.0	33	84.6	57.5	40	1	04/17	40	0	0
SS 8412	67.0	69.4	71	58.7	53.7	39	7	04/12	0	40	80
Pioneer 26R20	65.1	78.7	44[T]	80.1	59.2	42	3	04/17	30	0	20
TV8525	63.3	74.5	62	69.6	57.8	38	3	04/13	20	1	0
SS 8340	62.9	67.1	67	65.1	59.0	37	11	04/16	40	20	0
GA-Gore	60.7	63.7	69	60.8	56.0	43	29	04/11	30	25	55
P 185	60.6	65.0	66	65.2	56.6	43	2	04/13	40	10	45
TV8535	60.2	67.4	60	71.6	56.1	36	2	04/15	60	5	3
P 870	56.7	65.4	57	72.4	55.7	37	4	04/16	30	0	0
P 357	46.6	57.5	58	72.3	55.1	39	1	04/18	60	0	3
GA 05304-12E35	.	**90.4**	10	93.4	61.3	38	15	04/09	0	10	0
GA 03564-12E6	.	89.5	8	**94.7**	61.2	38	8	04/10	0	20	1
GA 03185-12LE29	.	89.3	47	79.8	60.9	44	1	04/14	0	20	0
GA 04434-12LE28	.	88.0	11	92.4	57.2	40	0	04/11	0	15	0
GA 04417-12E33	.	87.5	17	90.4	59.0	41	2	04/10	0	40	0
LA3200-E2	.	86.0	18	89.8	62.2	40	1	04/11	30	15	1
NC09-22402	.	84.0	32	84.7	59.0	40	2	04/12	0	15	1
GA 07163-12LE9	.	83.8	34	84.3	56.0	42	1	04/13	0	25	0
Pioneer 26R53	.	82.5	20[T]	88.4	60.1	37	0	04/15	40	0	0
Pioneer 26R41	.	81.6	46[T]	79.9	59.0	38	0	04/16	35	0	0
USG 3120	.	81.3	36[T]	83.5	60.9	42	8	04/09	0	10	13
GA 051754-12LE13	.	80.5	38	82.7	58.0	42	1	04/09	0	30	0
USG 3201	.	75.3	56	73.5	60.1	38	1	04/14	40	1	0
SX101	.	75.0	63	67.2	58.5	36	8	04/09	30	10	3
GA 06474-13EE13	.	.	3	**97.5**	61.4	36	8	04/06	0	20	0

Plains, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Leaf Rust[2]	FHB/ Scab[3]	Stripe Rust[4]
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%	%
GA 061349-13LE31	.	.	5	**96.4**	58.2	40	4	04/12	0	15	0
LA6146E-P4	.	.	7[T]	**95.3**	62.7	41	23	04/06	0	10	0
GA 06112-13EE16	.	.	9	**94.5**	62.0	39	3	04/06	0	10	0
GA 051102-13LE43	.	.	14	90.9	59.1	41	11	04/12	0	20	0
GA 061082-13E24	.	.	15[T]	90.8	58.7	38	0	04/11	0	30	0
LA5145D-118	.	.	15[T]	90.8	61.9	41	5	04/09	0	1	0
GA 04434-13E52	.	.	16[T]	90.7	57.6	40	1	04/12	0	15	0
GA 051033-13LE14	.	.	19	88.9	58.2	39	8	04/11	0	40	0
GA 06493-13LE6	.	.	21	87.9	55.7	39	4	04/13	0	15	0
GA 061349-13LE29	.	.	23	87.3	57.6	40	1	04/11	0	15	0
GA 051335-13LE19	.	.	25	87.0	58.1	40	1	04/13	0	25	0
GA 06033-13EE18	.	.	27	86.7	58.8	40	2	04/05	0	10	1
LA3200-E23	.	.	29	85.2	62.8	41	2	04/10	25	10	0
GA 041229-13E55	.	.	30[T]	85.0	58.3	38	6	04/11	0	15	0
AGS 2040	.	.	31	84.9	62.7	40	1	04/07	0	15	1
GA 06344-13EE21	.	.	35	83.9	60.7	38	1	04/06	0	10	0
SS8360	.	.	36[T]	83.5	58.5	39	1	04/17	40	1	3
GA 051335-13E13	.	.	37	83.3	55.4	42	4	04/10	0	30	0
GA 061151-13EE26	.	.	39	82.4	62.3	42	0	04/09	0	1	0
USG 3404	.	.	40	82.3	57.2	40	4	04/16	25	0	0
TV8861	.	.	41	81.7	58.7	40	1	04/18	50	0	0
LA821	.	.	42	81.0	58.2	42	20	04/08	0	5	0
GA 06478-13E23	.	.	43[T]	80.6	59.4	38	2	04/10	0	30	48
GA 061349-13E5	.	.	44[T]	80.1	59.7	43	1	04/11	0	30	1
L-Brand-343	.	.	45	80.0	59.4	38	4	04/11	0	40	1
LA5130D-P5	.	.	46[T]	79.9	60.1	41	3	04/12	25	10	0
VA10W-123	.	.	48	78.6	57.7	41	50	04/10	40	20	0
VA08MAS-369	.	.	52	77.4	58.7	38	1	04/11	0	20	3
LA5032D-136	.	.	53	76.2	57.4	43	11	04/13	0	20	0
GA 061349-13E4	.	.	54	76.1	57.7	41	1	04/12	0	40	0
USG 3694	.	.	55	75.9	58.8	45	3	04/13	20	5	13
PGX 13-1	.	.	59	71.7	57.2	43	1	04/18	50	1	0
TV8848	.	.	64	66.7	56.0	40	1	04/16	40	0	0
Fleming	.	.	65	66.6	59.1	35	36	04/05	0	0	45
Endurance	.	.	68	64.1	56.3	45	5	04/16	0	10	3
NF95134A	.	.	70	60.5	58.9	47	56	04/11	10	1	18
Average	73.9	81.0		82.4 [5]	58.7	40	7	04/11	12	15	5
LSD at 10% Level	7.0	6.2		6.1	1.0	2	16	01	-	-	-
Std. Err. of Entry Mean	3.0	2.7		2.6	0.4	1	7	01	-	-	-

Plains, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Leaf rust data collected on May 13, 2014.
3. Fusarium Head Blight (FHB/scab) data collected on May 13, 2014.
4. Stripe rust data collected on May 13, 2014.
5. C.V. = 6.4%, and df for EMS = 240.

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

Planted: November 14, 2013.
Harvested: June 3, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
SS 8641	**89.3**	94.5	12	93.7	58.4	41	4	04/12
Oglethorpe	**87.7**	90.7	9	94.9	60.1	37	13	04/09
AGS 2026	**87.5**	87.7	10	94.6	59.3	38	0	04/09
Jamestown	**87.3**	88.5	35	83.5	61.6	36	0	04/09
AGS 2038	**86.9**	88.8	21	87.8	59.4	47	1	04/13
AGS 2035	**85.4**	86.2	19	89.1	61.0	42	1	04/10
Dyna-Gro Baldwin	**85.1**	85.7	25[T]	86.2	59.4	46	1	04/12
Coker 9700	84.5	85.6	33	83.9	61.2	38	2	04/06
Pioneer 26R10	83.7	**93.5**	4	**99.9**	60.0	39	0	04/18
P 125	81.9	85.1	32	84.0	59.0	40	3	04/10
LA841	75.5	76.7	45	71.5	57.3	38	1	04/11
SS 8340	74.9	82.8	37	82.4	61.1	38	2	04/15
Pioneer 26R20	71.7	84.1	13	93.3	60.4	42	1	04/17
TV8525	69.5	77.4	42	74.7	59.5	40	12	04/14
TV8535	67.9	77.3	26	86.1	59.1	36	1	04/16
GA-Gore	67.2	68.4	46	62.5	56.1	43	22	04/11
P 185	66.8	74.7	39	76.8	59.1	42	6	04/13
P 357	62.6	73.1	22[T]	87.2	57.7	40	3	04/17
P 870	60.4	71.6	43	72.9	57.9	45	6	04/17
Pioneer 26R41	.	95.2	15	92.0	60.8	37	0	04/18
Pioneer 26R53	.	92.8	11	93.8	61.0	36	0	04/16
USG 3201	.	85.2	23	87.1	61.9	39	1	04/15
USG 3120	.	80.7	30	85.0	61.4	39	1	04/10
SS8360	.	.	1	**104.8**	60.2	40	0	04/17
SS8415	.	.	2	**101.2**	59.1	41	6	04/13
AGS 2027	.	.	3	**100.6**	59.6	39	9	04/11
GA 03564-12E6	.	.	5	**99.5**	62.2	38	2	04/09
GA 041052-11E51	.	.	6	97.8	60.7	38	4	04/07
GA 04434-11E44	.	.	7	97.0	58.8	39	4	04/12
SS 8629	.	.	8	96.6	60.0	38	11	04/12
GA 04434-12LE28	.	.	14[T]	93.1	57.5	38	3	04/12
GA 04417-12E33	.	.	14[T]	93.1	59.0	41	1	04/11
GA 041293-11E54	.	.	16	90.8	58.8	40	1	04/11
GA 05304-12E35	.	.	17	90.7	61.8	38	20	04/10
TV8861	.	.	18	89.9	58.6	39	1	04/17
GA 03185-12LE29	.	.	20[T]	88.4	60.4	45	1	04/13
LA3200-E2	.	.	20[T]	88.4	63.1	39	0	04/11
Pioneer 26R94	.	.	22[T]	87.2	61.3	41	3	04/11
TV8848	.	.	24	86.3	59.0	39	1	04/18
NC09-22402	.	.	25[T]	86.2	58.8	39	1	04/12

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2013-2014 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
USG 3024	.	.	27	86.0	60.0	38	16	04/11
LA821	.	.	28[T]	85.9	59.0	40	6	04/09
GA 051754-12LE13	.	.	28[T]	85.9	58.5	40	1	04/10
LA754	.	.	29	85.7	59.4	40	3	04/12
GA 07163-12LE9	.	.	31	84.6	57.3	41	8	04/13
AGS 2040	.	.	34	83.6	62.7	40	0	04/08
L-Brand-343	.	.	36	83.0	59.6	37	1	04/11
SX101	.	.	38	80.2	60.8	36	11	04/09
GA 041293-11LE37	.	.	40	76.2	57.7	39	2	04/10
Fleming	.	.	41	75.6	61.2	35	2	04/04
SS 8412	.	.	44	71.9	58.2	38	2	04/12
Average	77.7	83.7		87.3 [2]	59.7	39	4	04/12
LSD at 10% Level	4.2	5.5		6.4	1.0	2	9	01
Std. Err. of Entry Mean	1.8	2.4		2.8	0.4	1	4	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 6.3%, and df for EMS = 150.

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

Planted: November 14, 2013.
Harvested: June 3, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled; Headline used for fungal control.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2013-2014

Brand-Variety	Yield[1] no fungicide[2]	Yield[1] fungicide[3]	Difference with Fungicide	Change with Fungicide	Leaf Rust[4]	FHB/ Scab[4]	Stripe Rust[4]
	--------- bu/acre ---------		bu/acre	%	%	%	%
GA 041052-11E51	**100.0**	97.8	-2.2	-2.2	0	5	0
SS8415	**98.2**	**101.2**	3.1	3.1	0	20	1
Oglethorpe	**96.6**	94.9	-1.6	-1.7	0	5	0
AGS 2027	**95.9**	**100.6**	4.7	4.9	0	5	0
GA 04434-11E44	**95.3**	97.0	1.7	1.8	0	15	0
GA 03564-12E6	**94.7**	**99.5**	4.8	5.0	0	20	1
GA 05304-12E35	93.4	90.7	-2.6	-2.8	0	10	0
GA 04434-12LE28	92.4	93.1	0.8	0.8	0	15	0
AGS 2026	92.3	94.6	2.3	2.4	10	15	0
LA754	91.2	85.7	-5.5	-6.1	0	15	5
SS 8629	90.7	96.6	6.0	6.6	20	10	0
GA 04417-12E33	90.4	93.1	2.7	3.0	0	40	0
LA3200-E2	89.8	88.4	-1.5	-1.6	30	15	1
Pioneer 26R53	88.4	93.8	5.4	6.1	40	0	0
GA 041293-11E54	88.4	90.8	2.4	2.7	0	30	0
Pioneer 26R94	87.8	87.2	-0.7	-0.8	0	25	0
SS 8641	87.1	93.7	6.6	7.5	0	20	0
AGS 2038	86.8	87.8	1.0	1.2	0	30	1
USG 3024	86.4	86.0	-0.4	-0.5	0	20	0
AGS 2035	85.0	89.1	4.1	4.9	0	25	3
AGS 2040	84.9	83.6	-1.3	-1.5	0	15	1
NC09-22402	84.7	86.2	1.5	1.8	0	15	1
Pioneer 26R10	84.6	**99.9**	15.3	18.0	40	0	0
GA 07163-12LE9	84.3	84.6	0.3	0.4	0	25	0
USG 3120	83.5	85.0	1.5	1.8	0	10	13
SS8360	83.5	**104.8**	21.3	25.5	40	1	3
GA 051754-12LE13	82.7	85.9	3.1	3.8	0	30	0
TV8861	81.7	89.9	8.2	10.1	50	0	0
LA821	81.0	85.9	5.0	6.1	0	5	0
Coker 9700	80.6	83.9	3.4	4.2	15	1	0
Pioneer 26R20	80.1	93.3	13.2	16.4	30	0	20
L-Brand-343	80.0	83.0	3.0	3.7	0	40	1
Pioneer 26R41	79.9	92.0	12.1	15.2	35	0	0
GA 03185-12LE29	79.8	88.4	8.7	10.9	0	20	0
GA 041293-11LE37	78.1	76.2	-1.9	-2.4	0	30	0
Jamestown	77.7	83.5	5.8	7.5	30	1	0
LA841	77.5	71.5	-6.0	-7.7	0	20	0
USG 3201	73.5	87.1	13.5	18.4	40	1	0
P 870	72.4	72.9	0.6	0.8	30	0	0
P 357	72.3	87.2	15.0	20.7	60	0	3
TV8535	71.6	86.1	14.6	20.4	60	5	3
P 125	71.3	84.0	12.7	17.7	40	50	1
Dyna-Gro Baldwin	71.3	86.2	14.9	20.9	0	5	15
TV8525	69.6	74.7	5.1	7.4	20	1	0
SX101	67.2	80.2	12.9	19.2	30	10	3

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2013-2014
(Continued)

Brand-Variety	Yield[1] no fungicide[2]	Yield[1] fungicide[3]	Difference with Fungicide	Change with Fungicide	Leaf Rust[4]	FHB/ Scab[4]	Stripe Rust[4]
	--------- bu/acre ---------		bu/acre	%	%	%	%
TV8848	66.7	86.3	19.6	29.3	40	0	0
Fleming	66.6	75.6	9.0	13.5	0	0	45
P 185	65.2	76.8	11.6	17.7	40	10	45
SS 8340	65.1	82.4	17.3	26.6	40	20	0
GA-Gore	60.8	62.5	1.7	2.8	30	25	55
SS 8412	58.7	71.9	13.2	22.4	0	40	80
Average	82.4	87.3	5.6	7.6	12	15	5
LSD at 10% Level	6.1	6.4	N.S.[5]	N.S.	-	-	-
Std. Err. of Entry Mean	2.6	2.8	3.0	5.2	-	-	0

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Yield data of wheat plots untreated with fungicide.
3. Headline fungicide applied to control fungal diseases.
4. Disease data of wheat plots untreated with fungicide.
5. 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).

Plains, Georgia:
Late-Planted Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Coker 9700	**68.6**	**73.8**	5	**73.3**	59.7	36	5	04/12
P 125	**58.1**	**63.3**	13	55.3	52.2	34	23	04/14
LA6146E-P4	.	.	1	**77.9**	60.9	37	1	04/14
GA 06033-13EE18	.	.	2	**77.1**	58.8	37	4	04/12
GA 06112-13EE16	.	.	3	**76.1**	59.9	35	1	04/11
GA 06344-13EE21	.	.	4	**75.9**	59.2	34	1	04/12
Pioneer 26R94	.	.	6	**72.6**	59.1	39	6	04/17
GA 06474-13EE13	.	.	7[T]	**71.2**	58.7	33	4	04/12
LA3200-E2	.	.	7[T]	**71.2**	60.4	36	3	04/16
LA5145D-118	.	.	8	69.7	60.9	37	4	04/15
LA3200-E23	.	.	9	69.0	59.8	37	2	04/15
GA 061151-13EE26	.	.	10	67.1	59.9	38	1	04/16
LA5130D-P5	.	.	11	66.6	59.2	36	3	04/16
SX101	.	.	12	59.5	57.7	34	6	04/18
LA5032D-136	.	.	14	44.0	53.9	35	4	04/20
Fleming	.	.	15	38.9	54.2	31	6	04/13
Average	63.3	68.5		66.6 [2]	58.4	35	4	04/14
LSD at 10% Level	N.S.[3]	N.S.		7.0	1.0	2	6	01
Std. Err. of Entry Mean	1.2	1.5		3.0	0.4	1	3	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 8.9%, and df for EMS = 45.
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).

Planted: December 13, 2013.
Harvested: June 4, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Plains, Georgia:
Late-Planted Wheat Grain Performance
with Foliar Fungicide, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
P 125	**74.2**	**77.4**	6	76.4	56.9	36	0	04/13
Coker 9700	**72.5**	**76.7**	5	77.6	60.0	36	1	04/12
GA 06112-13EE16	.	.	1	**83.3**	60.6	35	0	04/11
GA 06033-13EE18	.	.	2	**82.5**	59.6	37	1	04/11
GA 06344-13EE21	.	.	3	**79.7**	59.9	35	0	04/12
Pioneer 26R94	.	.	4	**79.1**	59.0	40	0	04/17
GA 06474-13EE13	.	.	7	76.3	59.5	33	1	04/11
SX101	.	.	8	73.5	60.0	35	0	04/14
GA 061151-13EE26	.	.	9	70.0	60.3	38	0	04/13
Fleming	.	.	10	58.7	59.0	33	3	04/11
Average	73.4	77.0		75.7 [2]	59.5	36	0	04/12
LSD at 10% Level	N.S.[3]	N.S.		5.4	0.7	2	1	01
Std. Err. of Entry Mean	0.9	1.3		2.2	0.3	1	1	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 5.9%, and df for EMS = 27.
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).

Planted: December 13, 2013
Harvested: June 4, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled; Headline used for fungal control.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Plains, Georgia:
Effect of Fungicide on
Late-Planted Wheat Grain Yield, 2013-2014

Brand-Variety	Yield[1] no fungicide[2]	Yield[1] fungicide[3]	Difference with fungicide	Change with fungicide
	--------- bu/acre ---------		bu/acre	%
GA 06033-13EE18	**77.1**	**82.5**	5.4	7.0
GA 06112-13EE16	**76.1**	**83.3**	7.2	9.5
GA 06344-13EE21	**75.9**	**79.7**	3.8	5.1
Coker 9700	**73.3**	77.6	4.3	5.8
Pioneer 26R94	**72.6**	**79.1**	6.5	9.0
GA 06474-13EE13	**71.2**	76.3	5.1	7.2
GA 061151-13EE26	67.1	70.0	2.9	4.4
SX101	59.5	73.5	13.9	23.4
P 125	55.3	76.4	21.1	38.1
Fleming	38.9	58.7	19.7	50.7
Average	66.6	75.7	9.0	16.0
LSD at 10% Level	7.0	5.4	9.0	14.0
Std. Err. of Entry Mean	3.0	2.2	3.7	5.8

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Yield data of wheat plots untreated with fungicide.
3. Headline fungicide applied to control fungal diseases.

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

Midville, Georgia:
Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
GA 04434-11E44	**84.7**	**83.6**	25[T]	80.8	54.2	40	38	04/17
GA 041293-11E54	**83.9**	**87.0**	1	**91.8**	57.7	44	36	04/13
GA 041293-11LE37	**83.5**	**84.3**	12	**86.2**	57.2	43	10	04/14
SS 8412	**82.1**	**87.3**	9	**86.6**	55.7	40	15	04/14
USG 3024	**80.8**	**86.0**	10	**86.5**	56.2	41	56	04/14
Pioneer 26R94	77.1	**82.9**	34	79.3	56.5	43	56	04/13
AGS 2038	76.5	**81.3**	52	72.7	56.6	47	53	04/16
SS 8641	76.4	**82.1**	29	80.0	54.3	43	35	04/15
GA 041052-11E51	75.8	**80.0**	6	**88.5**	57.2	39	39	04/12
SS 8629	75.8	**74.3**	56	70.7	51.6	39	89	04/14
SS8415	75.3	**82.1**	17	**83.8**	53.9	42	83	04/15
Jamestown	74.6	**76.7**	49	73.4	52.7	41	54	04/12
AGS 2035	73.5	**81.4**	33	79.5	57.6	42	53	04/13
Dyna-Gro Baldwin	73.4	**76.0**	64	66.5	56.1	44	64	04/17
Pioneer 26R10	70.7	**73.3**	11	**86.4**	55.6	41	31	04/18
LA754	70.6	**79.1**	47	74.4	54.9	43	65	04/13
P 125	70.4	**75.8**	30	79.9	54.6	42	16	04/12
P 185	69.9	**70.9**	38	77.7	57.2	47	0	04/18
AGS 2026	67.6	**76.2**	58	70.3	53.7	39	65	04/11
SS 8340	67.3	**67.7**	53	72.4	57.0	41	23	04/18
LA841	67.2	**73.5**	63	66.6	53.1	42	43	04/13
TV8525	65.8	**67.1**	55	71.7	54.8	39	65	04/18
Coker 9700	65.3	**73.8**	59	68.7	55.9	41	59	04/09
TV8535	65.1	**70.5**	4	89.2	55.5	39	3	04/18
AGS 2027	64.7	**71.7**	62	66.8	51.9	40	71	04/12
P 870	64.3	**65.9**	18	**83.1**	53.8	38	0	04/19
Oglethorpe	60.6	**66.8**	65	64.1	52.9	40	79	04/11
Pioneer 26R20	60.1	**64.4**	68[T]	62.2	55.0	43	69	04/21
GA-Gore	58.6	**62.8**	66	63.2	53.5	43	59	04/12
P 357	53.9	**55.3**	71	57.1	50.5	41	60	04/21
GA 03564-12E6	.	**82.6**	50	73.0	56.8	39	55	04/13
GA 04434-12LE28	.	**80.7**	40	76.9	49.3	41	56	04/16
SX101	.	**80.6**	19[T]	**82.2**	57.6	40	55	04/13
GA 07163-12LE9	.	**80.6**	45	74.9	49.8	41	43	04/16
LA3200-E2	.	**80.0**	27	80.4	56.1	42	64	04/13
GA 051754-12LE13	.	**79.6**	28[T]	80.2	56.4	42	29	04/13
NC09-22402	.	**79.5**	31	79.7	53.8	41	58	04/16
GA 05304-12E35	.	**79.5**	43[T]	76.0	56.4	41	60	04/12
USG 3120	.	**79.4**	46	74.7	56.4	44	38	04/12
Pioneer 26R53	.	**78.5**	24[T]	81.0	56.0	40	40	04/19
Pioneer 26R41	.	**78.5**	24[T]	81.0	55.6	39	43	04/21
GA 03185-12LE29	.	**77.5**	44	75.3	58.7	45	35	04/18
GA 04417-12E33	.	**76.6**	48	73.9	54.4	41	64	04/13
USG 3201	.	**73.5**	20	**82.0**	57.2	41	36	04/19
VA08MAS-369	.	.	2	**89.7**	55.9	40	48	04/14

Midville, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
LA5145D-118	.	.	3	**89.6**	58.2	43	59	04/12
GA 06112-13EE16	.	.	5	**88.6**	57.8	40	1	04/12
GA 06344-13EE21	.	.	7	**88.1**	58.0	41	0	04/12
GA 061151-13EE26	.	.	8	**87.7**	58.7	44	0	04/12
AGS 2040	.	.	13	**86.1**	58.3	43	34	04/12
GA 06478-13E23	.	.	14	**84.8**	56.9	41	60	04/14
GA 061349-13LE31	.	.	15	**84.5**	55.1	41	43	04/15
LA3200-E23	.	.	16	**84.4**	58.3	42	23	04/13
USG 3694	.	.	19[T]	**82.2**	54.8	45	50	04/19
GA 061349-13E4	.	.	21	**81.9**	55.2	44	78	04/15
GA 04434-13E52	.	.	22[T]	81.6	55.5	41	65	04/17
LA6146E-P4	.	.	22[T]	81.6	57.0	41	15	04/12
GA 061349-13LE29	.	.	23	81.5	53.5	41	61	04/15
VA10W-123	.	.	25[T]	80.8	55.5	41	70	04/12
SS8360	.	.	26	80.7	56.9	42	53	04/20
L-Brand-343	.	.	28[T]	80.2	56.0	39	55	04/14
GA 061349-13E5	.	.	32	79.6	55.8	43	45	04/16
TV8861	.	.	35	79.2	55.5	42	44	04/21
GA 06474-13EE13	.	.	36	79.1	55.9	40	25	04/12
PGX 13-1	.	.	37	78.0	55.3	44	1	04/22
GA 06033-13EE18	.	.	39	77.1	55.0	43	10	04/12
GA 061082-13E24	.	.	41[T]	76.8	54.2	40	31	04/12
LA5130D-P5	.	.	41[T]	76.8	54.6	43	36	04/14
GA 051335-13E13	.	.	42	76.1	52.9	43	56	04/11
GA 06493-13LE6	.	.	43[T]	76.0	48.9	41	56	04/19
USG 3404	.	.	51	72.9	51.1	42	45	04/21
GA 051102-13LE43	.	.	54	72.0	52.2	41	46	04/14
TV8848	.	.	57	70.4	55.3	40	69	04/21
GA 051033-13LE14	.	.	60	67.4	54.0	40	43	04/15
GA 041229-13E55	.	.	61	67.2	54.8	41	66	04/14
LA821	.	.	67	62.8	51.9	42	69	04/12
GA 051335-13LE19	.	.	68[T]	62.2	51.2	40	41	04/16
Fleming	.	.	69[T]	61.9	56.9	41	1	04/08
NF95134A	.	.	69[T]	61.9	56.0	47	79	04/13
LA5032D-136	.	.	70	60.9	53.6	43	86	04/15
Endurance	.	.	72	46.7	51.8	46	66	04/15
Average	71.2	76.5		76.7 [2]	55.1	41	46	04/15
LSD at 10% Level	6.0	N.S.[3]		10.0	2.6	2	29	01
Std. Err. of Entry Mean	2.6	3.0		4.2	1.1	1	12	01

Midville, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

1. Yields calculated as 60 pounds per 13.5% moisture.
2. C.V. = 11.1%, and df for EMS = 240.
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).

Planted: November 22, 2013.
Harvested: June 5, 2013.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 30 lb N, 40 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and moldboard plowed.
Previous Crop: Wheat.

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

Midville, Georgia:
Late-Planted Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
P 125	**54.3**	**56.0**	12	58.9	55.8	35	0	04/15
Coker 9700	**54.0**	**52.2**	13	47.6	58.0	35	13	04/14
GA 06474-13EE13	.	.	1	**75.5**	58.2	33	0	04/14
GA 06033-13EE18	.	.	2	**75.2**	58.0	37	0	04/13
GA 06112-13EE16	.	.	3	**71.9**	59.1	35	0	04/12
Pioneer 26R94	.	.	4	**68.8**	58.4	42	0	04/20
LA6146E-P4	.	.	5	**68.0**	58.8	37	0	04/15
SX101	.	.	6	**67.8**	58.0	37	0	04/18
LA5145D-118	.	.	7	64.5	59.3	40	0	04/17
GA 06344-13EE21	.	.	8	63.7	56.8	35	0	04/16
GA 061151-13EE26	.	.	9	62.4	58.5	39	0	04/17
LA5032D-136	.	.	10	61.8	58.7	42	0	04/20
Fleming	.	.	11	60.1	58.0	38	0	04/13
Average	54.1	54.1		65.1[2]	58.1	37	1	04/16
LSD at 10% Level	N.S.[3]	N.S.		10.8	1.0	2	-	02
Std. Err. of Entry Mean	2.6	3.6		4.5	0.4	1	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 13.9%, and df for EMS = 36.
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).

Planted: December 18, 2013.
Harvested: June 5, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 30 lb N, 40 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and moldboard plowed.
Previous Crop: Wheat.

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

Griffin, Georgia:
Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	FHB/ Scab[2]	Stripe Rust[3]
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
SS8415	**113.3**	**116.4**	20	114.3	57.9	41	0	04/21	3	1
SS 8641	**112.3**	**117.9**	50	106.6	57.9	42	0	04/21	15	0
USG 3024	**110.3**	**113.7**	52[T]	106.3	59.0	38	0	04/20	15	1
GA 041052-11E51	**109.2**	108.4	22	113.3	58.4	41	0	04/15	15	0
Dyna-Gro 9171	**108.7**	**119.0**	1	**125.1**	57.5	37	0	04/22	0	0
GA 041293-11E54	**108.7**	111.1	36	109.6	58.3	40	0	04/19	13	0
GA 041293-11LE37	**108.4**	**115.7**	46	107.4	59.1	41	0	04/18	20	0
Pioneer 26R10	**107.8**	**117.7**	17	115.3	58.1	38	0	04/24	1	0
GA 04434-11E44	107.1	**113.4**	25	112.7	58.1	40	0	04/21	8	0
TV8861	106.9	**115.7**	23	113.1	58.5	39	0	04/24	1	0
AGS 2026	105.7	104.4	31	110.9	57.0	40	36	04/17	5	0
P 125	105.5	106.9	26	112.6	56.8	39	0	04/17	0	0
Pioneer 26R20	105.1	112.7	19	114.5	59.1	42	0	04/24	10	8
Pioneer 26R94	105.1	108.7	55	105.5	59.9	42	0	04/17	13	0
P 870	104.7	**116.4**	2	**122.2**	57.1	36	0	04/22	1	0
AGS 2027	104.6	108.1	66	99.2	57.2	39	0	04/19	13	0
SS 8340	103.5	**114.1**	24	112.8	59.3	39	0	04/23	0	0
TV8525	103.5	110.8	42[T]	108.1	58.8	40	0	04/23	3	5
SS 8629	103.3	104.2	57	105.2	57.2	38	0	04/21	5	0
Oglethorpe	103.3	102.5	52[T]	106.3	57.0	40	21	04/16	10	0
TV8535	102.5	112.3	21	113.4	57.5	36	0	04/22	1	0
Jamestown	101.1	99.5	63	101.1	58.9	40	0	04/16	8	1
AGS 2038	101.0	101.9	34[T]	110.2	59.1	47	0	04/22	3	0
AGS 2035	100.9	99.8	28[T]	111.9	59.2	44	0	04/17	18	1
TV8848	100.5	108.8	34[T]	110.2	58.8	41	0	04/24	1	0
Dyna-Gro Baldwin	96.7	96.9	68	96.0	59.3	45	0	04/24	1	5
P 357	95.6	110.8	27	112.3	55.6	40	0	04/25	3	3
LA754	93.9	98.5	39	108.9	57.1	44	4	04/18	8	0
SS 8412	91.8	95.9	69	91.2	57.2	38	1	04/22	18	28
P 185	85.1	92.0	72	87.2	57.1	45	0	04/22	10	30
GA-Gore	83.1	87.6	73	86.9	56.7	43	20	04/19	10	28
Roberts	82.8	88.1	71	88.4	56.2	41	26	04/18	10	40
LA841	79.7	83.2	67	96.5	56.5	42	0	04/18	8	0
Pioneer 26R53	.	**118.7**	29	111.5	58.8	37	0	04/24	3	0
USG 3201	.	**117.4**	14	**116.2**	59.4	39	0	04/23	1	0
Pioneer 26R41	.	**117.0**	8	**117.6**	58.5	37	0	04/24	1	0
GA 03564-12E6	.	**116.2**	5	**120.2**	59.0	41	11	04/17	5	1
GA 07163-12LE9	.	**115.2**	40	108.4	57.5	41	0	04/21	8	0
GA 04434-12LE28	.	**114.1**	33	110.4	57.6	40	0	04/22	5	0
NC09-22402	.	110.4	45	107.6	58.3	40	0	04/22	8	0
GA 04417-12E33	.	109.5	51	106.4	59.0	42	9	04/19	5	3
GA 03185-12LE29	.	109.2	58	105.1	61.4	46	0	04/23	1	0
LA3200-E2	.	108.2	49	106.8	59.6	41	0	04/18	3	3
USG 3120	.	106.9	59	103.1	59.6	42	0	04/16	6	0
GA 05304-12E35	.	102.0	18[T]	115.0	58.5	42	8	04/16	15	0

Griffin, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	FHB/ Scab[2]	Stripe Rust[3]
	---- bu/acre ----			bu/acre	lb/bu	in	%	mo/day	%	%
GA 051754-12LE13	.	97.5	61	102.4	58.3	41	0	04/18	13	0
USG 3404	.	.	3	**121.1**	57.9	41	0	04/24	1	0
LA6146E-P4	.	.	4	**120.8**	59.5	42	6	04/12	1	0
GA 041229-13E55	.	.	6	**119.8**	59.2	39	3	04/18	13	0
GA 051102-13LE43	.	.	7	**119.7**	60.0	41	0	04/21	5	0
GA 04434-13E52	.	.	9	**117.5**	58.5	40	0	04/22	10	0
GA 06474-13EE13	.	.	10	**117.1**	58.4	38	0	04/12	8	0
GA 061349-13LE29	.	.	11	**117.0**	58.8	40	0	04/21	6	0
GA 06344-13EE21	.	.	12	**116.9**	59.0	39	0	04/13	3	3
SS8360	.	.	13	**116.3**	58.2	38	0	04/25	1	0
GA 051335-13E13	.	.	15	**115.6**	58.1	43	0	04/19	10	0
GA 061349-13LE31	.	.	16	115.4	58.6	39	0	04/21	8	0
GA 06493-13LE6	.	.	18[T]	115.0	56.0	42	0	04/23	15	1
GA 06112-13EE16	.	.	28[T]	111.9	59.3	38	0	04/10	3	0
L-Brand-343	.	.	30	111.3	59.0	38	0	04/20	15	1
USG 3694	.	.	32	110.8	57.4	44	0	04/23	6	8
GA 061349-13E5	.	.	35	109.7	59.7	43	0	04/21	5	0
VA10W-123	.	.	37	109.3	57.8	43	23	04/17	1	0
GA 061349-13E4	.	.	38	109.0	59.2	42	0	04/22	15	0
GA 051335-13LE19	.	.	41	108.3	58.1	39	0	04/22	3	0
GA 051033-13LE14	.	.	42[T]	108.1	58.9	38	0	04/21	8	0
GA 06033-13EE18	.	.	43	108.0	58.4	40	0	04/12	6	1
LA5130D-P5	.	.	44	107.9	59.3	41	0	04/20	10	0
GA 061082-13E24	.	.	47	107.1	57.2	38	0	04/16	15	0
AGS 2040	.	.	48	106.9	59.0	42	0	04/15	0	0
LA821	.	.	53	106.2	58.0	43	0	04/15	0	0
LA3200-E23	.	.	54	105.8	60.0	43	0	04/17	3	0
VA08MAS-369	.	.	56	105.3	59.5	40	0	04/22	13	1
PGX 13-1	.	.	60	102.8	58.2	41	0	04/24	1	1
LA5032D-136	.	.	62	101.2	58.7	43	0	04/22	10	0
GA 061151-13EE26	.	.	64	100.6	59.4	41	0	04/17	10	0
LA5145D-118	.	.	65	99.7	58.8	43	0	04/17	8	0
GA 06478-13E23	.	.	70	88.6	58.5	39	0	04/21	18	20
Endurance	.	.	74	85.2	57.3	44	0	04/22	8	3
NF95134A	.	.	75	79.1	58.2	47	31	04/19	10	8
Average	101.6	107.7		108.3[4]	58.4	41	2	04/20	7	3
LSD at 10% Level	5.8	6.2		9.5	0.6	2	11	01	-	-
Std. Err. of Entry Mean	2.5	2.6		4.1	0.2	1	5	01	-	-

Griffin, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Fusarium Head Blight (FHB/scab) data collected on May 22, 2014.
3. Stripe rust data collected on May 9, 2014.
4. C.V. = 7.5%, and df for EMS = 237.

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

Planted: October 30, 2013.
Harvested: June 10, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.2.
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 used for weed control; Karate used for insect control.
Previous Crop: Soybeans.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Calhoun, Georgia:
Wheat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Dyna-Gro 9171	**84.0**	75.6	6	84.3	50.7	37	60	04/25
SS 8412	**83.7**	**78.7**	4	**89.2**	54.6	38	85	04/23
GA 041293-11E54	**82.6**	**79.0**	3	**91.9**	55.5	42	74	04/23
GA 04434-11E44	**78.8**	68.5	34[T]	71.8	51.6	39	85	04/26
TV8535	**77.9**	73.9	15	80.4	52.0	35	19	04/25
TV8861	**77.1**	70.9	34[T]	71.8	52.5	40	76	04/22
USG 3024	75.7	71.0	21[T]	76.8	51.4	39	86	04/23
SS 8340	75.5	72.4	30[T]	73.0	53.8	41	81	04/25
Jamestown	75.3	69.9	5	**86.8**	57.2	40	66	04/19
SS 8641	75.3	66.3	41	69.0	49.5	42	84	04/23
Pioneer 26R10	74.1	70.6	16	80.1	52.1	41	74	04/24
Pioneer 26R20	73.5	69.0	39[T]	70.1	51.0	42	85	04/23
SS 8629	73.4	64.2	31	72.8	51.9	39	93	04/23
P 125	72.4	61.8	20	77.5	52.3	40	89	04/22
SS8415	71.9	67.6	25	75.1	49.3	43	93	04/23
GA 041052-11E51	71.0	71.1	2	**92.8**	55.7	38	89	04/22
P 185	70.8	64.6	27	74.2	52.8	47	81	04/26
AGS 2027	70.7	59.7	40	69.2	50.1	38	86	04/25
LA754	69.4	56.6	24	75.4	53.4	41	88	04/24
Pioneer 26R94	69.2	58.3	54	63.7	56.1	44	84	04/21
P 870	69.1	65.6	32	72.3	50.3	39	71	04/24
GA 041293-11LE37	68.5	60.5	33	72.0	53.8	41	71	04/23
TV8848	68.1	68.9	38[T]	70.2	51.3	41	83	04/25
TV8525	67.9	59.5	55	62.0	52.6	39	84	04/25
AGS 2026	64.7	54.0	37	70.4	51.3	40	90	04/22
P 357	60.8	53.6	71	50.4	44.5	41	86	04/25
Dyna-Gro Baldwin	60.4	44.6	59	59.7	53.2	44	81	04/26
Roberts	59.4	47.5	68	53.1	51.5	39	94	04/21
AGS 2035	58.4	43.4	64	57.2	55.2	42	91	04/22
AGS 2038	58.3	44.4	67	54.1	52.9	45	90	04/23
Oglethorpe	57.6	47.8	61[T]	58.4	49.7	39	89	04/20
LA841	54.1	38.8	72	50.0	50.0	40	80	04/25
GA-Gore	53.8	44.3	65	55.6	51.3	40	91	04/23
Pioneer 26R53	.	**83.7**	1	**97.7**	56.1	38	56	04/26
USG 3201	.	69.6	28	73.8	54.0	40	76	04/26
Pioneer 26R41	.	68.6	13	81.0	52.9	39	75	04/24
GA 04434-12LE28	.	64.7	21[T]	76.8	52.2	39	80	04/25
GA 03564-12E6	.	64.0	30[T]	73.0	53.2	40	90	04/22
GA 03185-12LE29	.	60.8	50	65.0	56.7	43	78	04/23
GA 04417-12E33	.	56.9	48[T]	66.8	49.4	41	86	04/23
GA 07163-12LE9	.	56.8	52	64.3	49.3	42	70	04/22
LA3200-E2	.	56.2	38[T]	70.2	54.0	39	85	04/23
NC09-22402	.	55.6	56	61.8	52.0	40	83	04/26
GA 051754-12LE13	.	54.8	48[T]	66.8	52.2	41	84	04/24
USG 3120	.	51.6	61[T]	58.4	53.5	42	91	04/23

Calhoun, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
GA 05304-12E35	.	51.3	53	63.8	51.0	41	88	04/23
GA 061349-13LE29	.	.	7	84.2	52.8	39	83	04/24
GA 051102-13LE43	.	.	8	84.0	53.1	41	88	04/25
SS8360	.	.	9	82.8	55.0	43	79	04/24
GA 04434-13E52	.	.	10	81.8	53.8	39	89	04/24
L-Brand-343	.	.	11	81.7	53.7	38	83	04/24
GA 061082-13E24	.	.	12	81.3	51.9	38	84	04/22
USG 3694	.	.	14	80.9	52.5	46	75	04/27
GA 06478-13E23	.	.	17	79.3	54.8	39	88	04/26
GA 06344-13EE21	.	.	18	79.0	53.8	39	78	04/17
USG 3404	.	.	19	78.8	51.9	41	64	04/24
VA08MAS-369	.	.	22	76.6	54.4	40	89	04/23
GA 06112-13EE16	.	.	23	75.8	53.8	37	79	04/20
GA 061349-13E4	.	.	26	74.5	52.5	41	89	04/24
AGS 2040	.	.	29	73.2	55.1	40	85	04/22
GA 06493-13LE6	.	.	30[T]	73.0	49.0	41	76	04/22
GA 06474-13EE13	.	.	35	71.3	53.4	36	93	04/22
GA 061349-13E5	.	.	36	70.8	52.3	40	89	04/25
PGX 13-1	.	.	39[T]	70.1	53.2	42	61	04/27
GA 051033-13LE14	.	.	42	68.5	52.5	41	76	04/23
GA 061349-13LE31	.	.	43	68.1	51.4	39	85	04/26
GA 061151-13EE26	.	.	44	67.8	55.4	43	81	04/22
LA5145D-118	.	.	45	67.4	53.1	42	84	04/20
GA 06033-13EE18	.	.	46	67.2	53.2	40	89	04/18
LA6146E-P4	.	.	47	67.0	53.9	40	88	04/20
GA 051335-13LE19	.	.	49	66.2	50.9	37	89	04/25
VA10W-123	.	.	51	64.9	48.1	40	91	04/23
GA 051335-13E13	.	.	57	61.3	48.9	40	83	04/22
LA3200-E23	.	.	58	61.2	54.6	39	89	04/22
LA5032D-136	.	.	60	59.3	53.3	42	86	04/24
Endurance	.	.	62	58.0	51.9	44	75	04/23
GA 041229-13E55	.	.	63	57.5	53.6	39	83	04/22
LA821	.	.	66	54.5	52.6	41	88	04/22
LA5130D-P5	.	.	69	52.7	49.5	40	90	04/25
NF95134A	.	.	70	51.7	51.2	44	98	04/21
Average	69.8	61.7		70.5 [2]	52.5	40	82	04/23
LSD at 10% Level	7.0	8.0		11.7	2.6	2	13	02
Std. Err. of Entry Mean	3.0	3.4		5.0	1.1	1	5	01

Calhoun, Georgia:
Wheat Grain Performance, 2013-2014 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 14.2%, and df for EMS = 237.

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

Planted: October 25, 2013.
Harvested: June 17, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Rome gravelly loam.
Soil Test: P = Very High, K = High, and pH = 6.4.
Fertilization: Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.
Topdress: 75 lb N/acre.
Management: Chisel plowed, disked, and rototilled; Powerflex used for weed control.
Previous Crop: Fallow.

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

Summary of Wheat Yields, Georgia, 2013-2014 with Two- and Three-Year Averages

Brand-Variety	Yield[1] South[2] 3-Year Average	South[2] 2-Year Average	South[2] 2014	North[3] 3-Year Average	North[3] 2-Year Average	North[3] 2014	Statewide[4] 3-Year Average	Statewide[4] 2-Year Average	Statewide[4] 2014
	bu/acre								
AGS 2026	74.7	79.5	78.8	85.2	79.2	**90.6**	78.9	79.4	83.6
AGS 2027	75.9	81.3	80.0	87.7	83.9	**84.2**	80.6	82.4	81.7
AGS 2035	77.1	78.4	79.5	79.7	71.6	**84.5**	78.1	75.7	81.5
AGS 2038	76.7	78.5	75.5	79.7	73.2	**82.1**	77.9	76.4	78.2
AGS 2040	.	.	82.8	.	.	**90.0**	.	.	85.7
Coker 9700	71.1	73.2	72.9	.	.	.	.	.	.
Dyna-Gro 9171	.	.	.	**96.4**	**97.3**	**104.7**	.	.	.
Dyna-Gro Baldwin	70.8	72.6	67.0	78.6	70.7	**77.8**	73.9	71.9	71.3
Endurance	.	.	49.2	.	.	**71.6**	.	.	58.2
Fleming	.	.	63.0	.	.	.	.	.	.
GA 03185-12LE29	.	81.6	73.3	.	85.0	**85.0**	.	83.0	78.0
GA 03564-12E6	.	84.1	81.5	.	90.1	**96.6**	.	**86.5**	87.5
GA 041052-11E51	**82.7**	**86.4**	**91.4**	**90.1**	89.8	**103.0**	85.7	**87.7**	**96.1**
GA 041229-13E55	.	.	72.8	.	.	**88.6**	.	.	79.1
GA 041293-11E54	**85.7**	**88.1**	85.7	**95.6**	**95.0**	**100.7**	**89.7**	**90.9**	**91.7**
GA 041293-11LE37	82.2	**84.7**	79.1	88.4	88.1	**89.7**	84.7	86.1	83.3
GA 04417-12E33	.	82.5	80.1	.	83.2	**86.6**	.	82.8	82.7
GA 04434-11E44	**85.7**	**85.6**	83.5	**93.0**	90.9	**92.2**	**88.6**	**87.7**	87.0
GA 04434-12LE28	.	**86.2**	83.9	.	89.4	**93.6**	.	**87.5**	87.8
GA 04434-13E52	.	.	82.8	.	.	**99.7**	.	.	89.5
GA 051033-13LE14	.	.	74.5	.	.	**88.3**	.	.	80.0
GA 051102-13LE43	.	.	79.2	.	.	**101.9**	.	.	88.3
GA 051335-13E13	.	.	74.1	.	.	**88.4**	.	.	79.8
GA 051335-13LE19	.	.	72.8	.	.	**87.2**	.	.	78.6
GA 051754-12LE13	.	79.4	76.5	.	76.2	**84.6**	.	78.1	79.8
GA 05304-12E35	.	80.5	81.5	.	76.7	**89.4**	.	79.0	84.6
GA 06033-13EE18	.	.	81.5	.	.	**87.6**	.	.	83.9
GA 061082-13E24	.	.	81.9	.	.	**94.2**	.	.	86.8
GA 06112-13EE16	.	.	**88.6**	.	.	**93.8**	.	.	**90.7**
GA 061151-13EE26	.	.	79.7	.	.	**84.2**	.	.	81.5
GA 061349-13E4	.	.	76.2	.	.	**91.7**	.	.	82.4
GA 061349-13E5	.	.	76.6	.	.	**90.3**	.	.	82.1
GA 061349-13LE29	.	.	81.2	.	.	**100.6**	.	.	89.0
GA 061349-13LE31	.	.	85.1	.	.	**91.7**	.	.	87.7
GA 06344-13EE21	.	.	79.9	.	.	**98.0**	.	.	87.1
GA 06474-13EE13	.	.	**87.4**	.	.	**94.2**	.	.	**90.1**
GA 06478-13E23	.	.	80.8	.	.	**84.0**	.	.	82.1
GA 06493-13LE6	.	.	80.0	.	.	**94.0**	.	.	85.6
GA 07163-12LE9	.	**85.0**	77.9	.	86.0	**86.3**	.	85.4	81.2
GA-Gore	59.8	60.6	60.4	68.4	65.9	**71.2**	63.3	62.7	64.7
Jamestown	77.2	79.8	73.5	88.2	84.7	**93.9**	81.6	81.7	81.7
L-Brand-343	.	.	75.5	.	.	**96.5**	.	.	83.9
LA3200-E2	.	83.1	84.5	.	82.2	**88.5**	.	82.7	86.1
LA3200-E23	.	.	81.7	.	.	**83.5**	.	.	82.4
LA5032D-136	.	.	67.8	.	.	**80.3**	.	.	72.8

Summary of Wheat Yields, Georgia, 2013-2014 with Two- and Three-Year Averages (Continued)

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014
	bu/acre								
LA5130D-P5	.	.	74.5	.	.	**80.3**	.	.	76.8
LA5145D-118	.	.	**87.3**	.	.	**83.5**	.	.	85.8
LA6146E-P4	.	.	86.3	.	.	**93.9**	.	.	89.4
LA754	76.5	80.5	82.3	81.6	77.6	**92.1**	78.5	79.3	86.2
LA821	.	.	69.7	.	.	**80.3**	.	.	74.0
LA841	68.8	71.3	68.6	66.9	61.0	**73.2**	68.0	67.2	70.4
NC09-22402	.	76.2	76.0	.	83.0	**84.7**	.	78.9	79.4
NF95134A	.	.	59.3	.	.	**65.4**	.	.	61.8
Oglethorpe	75.2	79.9	81.1	80.5	75.1	**82.4**	77.3	78.0	81.6
P 125	70.4	73.9	74.8	88.9	84.3	**95.0**	77.8	78.1	82.9
P 185	62.7	64.4	68.5	77.9	78.3	**80.7**	68.8	70.0	73.3
P 357	46.2	51.9	61.1	78.2	82.2	**81.4**	59.0	64.0	69.2
P 870	53.9	58.6	70.2	86.9	91.0	**97.2**	67.1	71.5	81.0
PGX 13-1	.	.	57.1	.	.	**86.5**	.	.	68.8
Pioneer 26R10	68.9	73.8	82.4	**90.9**	**94.2**	**97.7**	77.7	82.0	88.5
Pioneer 26R20	64.5	71.4	70.5	**89.3**	90.8	**92.3**	74.4	79.1	79.2
Pioneer 26R41	.	79.2	79.7	.	**92.8**	**99.3**	.	84.6	87.6
Pioneer 26R53	.	74.0	78.6	.	**101.2**	**104.6**	.	84.9	89.0
Pioneer 26R94	**82.6**	**84.7**	79.9	87.2	83.5	**84.6**	84.4	84.2	81.8
Roberts	.	.	.	71.1	67.8	**70.7**	.	.	.
SS 8340	61.3	62.4	65.8	**89.5**	**93.3**	**92.9**	72.6	74.7	76.6
SS 8412	73.8	75.8	68.6	87.8	87.3	**90.2**	79.4	80.4	77.2
SS 8629	77.8	80.1	77.6	88.3	84.2	**89.0**	82.0	81.7	82.2
SS 8641	79.4	83.2	78.3	**93.8**	**92.1**	**87.8**	85.1	**86.8**	82.1
SS8360	.	.	80.9	.	.	**99.5**	.	.	88.4
SS8415	80.4	**85.8**	**88.3**	**92.6**	**92.0**	**94.7**	85.3	**88.3**	**90.8**
SX101	.	77.8	74.9	.	.	.	.	.	.
TV8525	62.2	66.4	69.2	85.7	85.1	**85.0**	71.6	73.9	75.6
TV8535	55.4	61.2	71.8	**90.2**	**93.1**	**96.9**	69.3	74.0	81.8
TV8848	.	.	69.0	84.3	88.9	**90.2**	.	.	77.5
TV8861	.	.	79.6	**92.0**	**93.3**	**92.4**	.	.	84.7
USG 3024	75.9	82.1	79.9	**93.0**	**92.4**	**91.5**	82.8	86.2	84.6
USG 3120	.	79.2	76.5	.	79.2	**80.8**	.	79.2	78.2
USG 3201	.	67.9	72.9	.	**93.5**	**95.0**	.	78.1	81.7
USG 3404	.	.	73.2	.	.	**99.9**	.	.	83.9
USG 3694	.	.	78.2	.	.	**95.9**	.	.	85.2
VA08MAS-369	.	.	80.8	.	.	**90.9**	.	.	84.9
VA10W-123	.	.	75.0	.	.	**87.1**	.	.	79.8
Average	71.6	76.4	76.4	85.5	84.5	89.4	77.1	79.6	81.8
LSD at 10% Level	3.4	3.6	4.4	7.3	9.6	N.S.[5]	3.6	4.4	6.0
Std. Err. of Entry Mean	1.4	1.6	1.9	3.1	4.1	5.8	1.5	1.9	2.6

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.
2. Tifton, Plains, and Midville.
3. Griffin and Calhoun.
4. All five locations.
5. 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).

Summary of Late-Planted Wheat Yields
Georgia, 2013-2014
with Two- and Three-Year Averages

	Yield[1]		
	South[2]		
Brand-Variety	3-Year Average	2-Year Average	2014
	---------- bu/acre ----------		
Coker 9700	**52.0**	**53.8**	56.9
Fleming	.	.	50.7
GA 06033-13EE18	.	.	**74.4**
GA 06112-13EE16	.	.	**73.1**
GA 061151-13EE26	.	.	64.7
GA 06344-13EE21	.	.	64.9
GA 06474-13EE13	.	.	**74.0**
LA5032D-136	.	.	53.3
LA5145D-118	.	.	65.7
LA6146E-P4	.	.	**70.2**
P 125	**46.4**	**49.8**	54.9
Pioneer 26R94	.	.	**68.7**
SX101	.	.	63.7
Average	49.2	51.8	64.2
LSD at 10% Level	N.S.[3]	N.S.	5.8
Std. Err. Of Entry Mean	2.5	3.5	2.5

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.
2. Tifton, Plains, and Midville.
3. The F-test indicated no statistical difference at the alpha = 0.10 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).

Plains, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2013-2014

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Lodging	Leaf Rust	Stripe Rust
	bu/acre	lb/bu	Julian days[2]	in	%	----- rating[3] -----	
VA11W-230	**118.5**	61	104	36	.	0	2
GA03564-12E6	**110.9**	59	100	35	.	0	3
GA04417-12E33	103.2	58	100	38	.	1	3
TXE21	103.0	57	104	36	.	0	1
NC09-20986	102.9	61	103	39	.	3	4
VA10W-96	102.9	60	104	40	.	1	3
VA11W-106	101.4	59	107	36	.	7	0
GA04434-12LE28	100.6	57	103	37	.	0	2
LA05145D-21	100.5	60	103	39	.	6	.
VA11W-108	97.9	57	106	38	.	7	0
NC09-22402	96.6	59	103	38	.	3	0
GA071630-12LE9	91.8	56	104	38	.	0	2
Jamestown	91.1	60	98	33	.	7	0
LA06027E-P7	90.2	57	102	34	.	0	0
LA03200E-2	90.0	61	102	36	.	8	.
USG 3120	89.6	58	98	35	.	0	4
LA05130D-P5	89.2	59	104	36	.	7	.
KWS026	88.0	58	105	37	.	7	.
NC09-20768	86.8	60	107	39	.	0	0
TN1401	85.6	56	105	33	.	0	0
AR04002-3	85.0	56	102	37	.	0	0
08850-2	84.7	60	105	35	.	2	0
NC8170-4-3	81.9	59	107	39	.	7	2
KWS013	80.3	58	102	35	.	8	.
OK11754WF	80.2	58	97	35	.	0	0
MD04W8-12-3	77.3	60	105	40	.	8	.
AR04008-5	72.7	58	105	38	.	3	0
AGS 2000	68.6	56	101	37	.	0	9
MD04W249-11-7	65.5	57	105	39	.	9	.
USG 3555	64.0	53	103	32	.	8	0
KWS027	58.7	58	113	39	.	9	.
MDC07026-12-30	52.1	55	105	36	.	.	9
08577-4	49.2	55	105	38	.	9	.
Average	86.6 [4]	58	103	37		3.7	1.8
LSD at 5% Level	14.1						

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 7.9%.

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

Planted: November 15, 2013.
Harvested: June 3, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Fertilization: Preplant: 20 lb N/acre. Topdress: 75 lb N/acre.

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

Griffin, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2013-2014

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Lodging	Powdery Mildew	Stripe Rust
	bu/acre	lb/bu	Julian days[2]	in	%	----- rating[3] -----	
TXE21	**112.0**	57	103	33	0	0	0
LA03200E-2	**111.5**	61	98	36	0	0	1
VA10W-96	**110.1**	59	99	36	1	0	1
GA04434-12LE28	**110.1**	58	103	35	3	0	0
Jamestown	**109.0**	59	99	35	1	0	0
USG 3555	**108.8**	58	102	33	0	0	0
GA03564-12E6	**108.6**	60	109	37	3	0	1
LA05130D-P5	**106.7**	59	102	36	3	0	1
VA11W-108	**105.8**	57	102	34	0	0	0
GA04417-12E33	**105.6**	59	101	36	3	0	0
VA11W-106	**104.4**	57	104	33	0	0	1
NC09-22402	**101.8**	58	103	35	2	0	1
KWS026	98.9	59	101	34	0	0	4
LA05145D-21	98.3	60	102	38	3	0	2
KWS013	98.0	56	99	35	3	0	5
MD04W8-12-3	95.3	59	110	35	3	0	3
NC09-20986	94.7	60	101	35	2	0	1
08850-2	94.1	59	104	35	0	0	2
VA11W-230	93.4	59	102	32	0	0	0
NC8170-4-3	92.7	59	103	37	3	0	3
KWS027	92.3	60	108	37	0	0	0
USG 3120	91.9	59	96	37	1	0	2
MD04W249-11-7	91.6	59	103	37	1	0	5
LA06027E-P7	90.6	57	102	34	0	0	0
GA071630-12LE9	87.5	56	105	36	1	0	1
TN1401	86.6	57	101	33	1	0	3
NC09-20768	86.5	58	103	34	2	0	5
AR04002-3	84.6	57	104	36	2	0	0
AR04008-5	77.9	57	105	37	3	4	1
OK11754WF	74.6	57	93	34	1	4	0
08577-4	73.1	55	104	37	0	0	7
AGS 2000	71.4	57	98	36	1	0	6
MDC07026-12-30	57.1	55	102	34	6	0	7
Average	94.6 [4]	58	102	35	1.5	0.2	2
LSD at 5% Level	11.0						

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 7.1%.

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

Planted: November 5, 2013.
Harvested: June 10, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Cecil sandy loam.
Fertilization: Preplant: 20 lb N/acre. Topdress: 75 lb N/acre.

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

Triticale and Rye

Tifton, Georgia:
Triticale and Rye Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Triticale								
Trical 342	**83.0**	**86.1**	2	**92.4**	51.9	52	18	03/25
FL01008	66.0	68.3	5	68.7	53.1	52	33	03/20
FL01143	54.1	58.3	9	56.0	51.4	53	36	03/27
Monarch	.	75.3	3	**83.6**	54.2	51	19	03/28
NC08-26	.	65.5	6	65.6	52.5	47	15	03/30
NC07-1088	.	57.9	7	58.8	54.4	49	5	03/29
FL08128	.	.	1	**93.2**	59.1	51	33	03/24
NC07-1031	.	.	4	71.1	54.9	52	6	03/31
NF 96210	.	.	8	57.4	51.9	57	83	03/28
SS Triticale 1414	.	.	10	49.8	51.7	48	0	03/31
Arcia	.	.	11	48.3	50.0	49	23	04/03
Average	67.7	68.6		67.7 [2]	53.2	51	24	03/28
LSD at 10% Level	6.8	8.8		13.6	1.4	3	26	01
Std. Err. of Entry Mean	2.8	3.6		5.6	0.6	1	11	01
Rye								
Wrens Abruzzi	.	**41.1**	4	**25.9**	54.0	67	86	03/22
FL2X406	.	**41.0**	1	**32.3**	56.5	67	76	03/24
FL2X405	.	**39.0**	3	**29.4**	54.4	64	86	03/10
Florida 401	.	**38.7**	2	**31.0**	54.5	65	76	03/11
Maton	.	.	5	20.4	55.5	67	90	03/28
Elbon	.	.	6	17.0	55.0	67	95	04/02
Maton II	.	.	7	14.7	55.0	65	88	03/24
Oklon	.	.	8	11.4	55.0	67	91	04/02
Average	.	39.9		22.8 [3]	55.0	66	86	03/23
LSD at 10% Level		N.S.[4]		7.4	0.4	N.S.	12	01
Std. Err. of Entry Mean		1.9		3.0	0.2	2	5	01

Tifton, Georgia:
Triticale and Rye Grain Performance, 2013-2014
(Continued)

1. Triticale: Yields calculated as 48 pounds per bushel at 13.0% moisture.
   Rye: Yields clculated as 56 pounds per bushel at 13.0% moisture.
2. C.V. = 16.7%, and df for EMS = 30.
3. C.V. = 26.8%, and df for EMS = 21.
4. 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).

Planted: November 20, 2013.
Harvested: May 30, 2014.
Seeding Rate: Triticale: 22 seeds per foot in 7-inch rows.
Rye: 18 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = Medium, K = Medium, and pH = 5.8.
Fertilization: Preplant: 48 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, moldboard plowed, and rototilled: Harmony Extra used for weed control; 1,000 lb/acre lime applied.
Previous Crop: Peanuts.

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

Plains, Georgia:
Triticale Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
NC07-1088	.	**81.5**	5	86.0	55.3	53	17	04/04
NC08-26	.	**76.5**	6	83.5	52.6	48	1	04/05
Trical 342	.	**74.6**	1	**108.6**	52.3	55	4	04/03
Monarch	.	**73.7**	3	91.0	53.0	52	4	04/05
FL01143	.	**62.5**	9	74.6	52.4	53	8	04/04
FL01008	.	**59.1**	8	77.9	51.2	55	40	03/29
FL08128	.	.	2	93.2	57.9	54	0	04/01
NC07-1031	.	.	4	87.1	55.2	51	0	04/05
SS Triticale 1414	.	.	7	82.0	53.3	49	0	04/10
NF 96210	.	.	10	70.6	52.0	59	34	04/06
Arcia	.	.	11	64.1	50.5	48	0	04/10
Average	.	71.3		83.5 [2]	53.3	52	10	04/04
LSD at 10% Level		N.S.[3]		8.6	0.8	2	12	01
Std. Err. of Entry Mean		2.2		3.6	0.4	1	5	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 8.6%, and df for EMS = 30.
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).

Planted: November 14, 2013.
Harvested: June 3, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Midville, Georgia:
Triticale Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
FL01143	.	**90.6**	8	76.9	48.5	56	65	03/31
Trical 342	.	**87.9**	4	**82.0**	45.2	57	29	03/29
NC07-1088	.	**81.7**	5	**81.0**	51.3	53	58	04/03
Monarch	.	**80.4**	6	78.8	48.7	55	33	04/01
FL01008	.	**80.2**	2	**85.6**	49.5	55	55	03/24
NC08-26	.	**78.9**	7	77.9	47.7	52	25	04/03
FL08128	.	.	1	**90.4**	55.1	55	24	03/28
NC07-1031	.	.	3	**84.3**	47.2	54	35	04/04
SS Triticale 1414	.	.	9	65.5	46.2	54	185	04/04
Arcia	.	.	10	62.7	44.3	50	38	04/07
NF 96210	.	.	11	51.1	45.1	59	82	03/30
Average	.	83.3		76.0 [2]	48.1	54	57	04/01
LSD at 10% Level		N.S.[3]		9.8	3.6	2	117	01
Std. Err. of Entry Mean		2.7		4.1	1.5	1	49	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 10.7%, and df for EMS = 30.
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).

Planted: November 22, 2013.
Harvested: June 5, 2014.
Seeding Rate: 22 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 30 lb N, 40 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, moldboard plowed; 1,000 lb/acre lime applied.
Previous Crop: Wheat.

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

Griffin, Georgia:
Triticale and Rye Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Triticale								
NC07-1088	.	**105.3**	7	100.6	49.8	50	9	04/10
Trical 342	.	**103.3**	1	**114.3**	46.7	53	4	04/09
NC08-26	.	**101.8**	5	104.5	48.3	48	0	04/13
Monarch	.	**95.8**	6	101.3	47.2	52	1	04/12
FL01143	.	**85.6**	9	98.4	47.6	53	0	04/05
FL01008	.	**80.9**	10	93.9	48.8	51	0	04/05
NC07-1031	.	.	2	**108.8**	50.3	51	0	04/09
SS Triticale 1414	.	.	3	**108.5**	48.4	51	0	04/14
FL08128	.	.	4	**107.0**	53.1	50	0	04/07
Arcia	.	.	8	98.8	49.5	50	0	04/14
NF 96210	.	.	11	86.2	48.1	63	20	04/10
Average	.	95.5		102.0 [2]	48.9	52	3	04/10
LSD at 10% Level		N.S.[3]		8.7	0.7	2	N.S.	02
Std. Err. of Entry Mean		2.2		3.6	0.3	1	5	01
Rye								
FL2X406	.	**64.7**	5	**54.6**	54.9	69	69	04/04
Wrens Abruzzi	.	**63.4**	6	50.0	53.4	69	79	04/04
FL2X405	.	**52.0**	7	48.2	53.5	63	69	03/24
Florida 401	.	**50.8**	8	46.2	53.2	61	59	03/16
Maton II	.	.	1	**62.3**	54.6	68	43	04/07
Elbon	.	.	2	**59.9**	55.4	69	68	04/09
Maton	.	.	3	**57.3**	54.9	67	59	04/06
Oklon	.	.	4	**56.7**	55.2	69	50	04/11
Average	.	57.7		54.4 [4]	54.4	67	62	04/02
LSD at 10% Level		N.S.		8.7	035	4	N.S.	06
Std. Err. of Entry Mean		2.7		3.6	0.25	1	8	02

1. Triticale: Yields calculated as 48 pounds per bushel at 13.0% moisture.
   Rye: Yields calculated as 56 pounds per bushel at 13.0% moisture.
2. C.V. = 7.1%, and df for EMS = 30.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
4. C.V. = 13.1%, 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 30, 2013.
Harvested: Triticale: June 12, 2014.
Rye: June 11, 2014.
Seeding Rate: Triticale: 22 seeds per foot in 7-inch rows.
Rye: 18 seeds/foot in 7-inch rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.2.
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 used for weed control; Karate used for insect control.
Previous Crop: Soybeans.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Summary of Triticale Yields, Georgia, 2013-2014 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide[4]		
Brand-Variety	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014
	bu/acre								
Arcia	.	.	58.4	.	.	98.8	.	.	68.5
FL01008	.	**69.2**	77.4	.	80.9	93.9	.	72.1	81.5
FL01143	.	**70.5**	69.2	.	85.6	98.4	.	74.3	76.5
FL08128	.	.	**92.2**	.	.	**107.0**	.	.	**95.9**
Monarch	.	**76.5**	84.5	.	95.8	101.3	.	81.3	88.7
NC07-1031	.	.	80.8	.	.	**108.8**	.	.	87.8
NC07-1088	.	**73.7**	75.3	.	**105.3**	100.6	.	81.6	81.6
NC08-26	.	**73.6**	75.7	.	**101.8**	104.5	.	80.7	82.9
NF 96210	.	.	59.7	.	.	86.2	.	.	66.3
SS Triticale 1414	.	.	65.8	.	.	**108.5**	.	.	76.5
Trical 342	84.0	**82.9**	**94.3**	104.0	**103.3**	**114.3**	89.0	**88.0**	**99.3**
Average	84.0	74.4	75.8	104.0	95.5	102.0	89.0	79.7	82.3
LSD at 10% Level	.	N.S.[5]	6.1	.	5.4	8.7	.	3.2	5.0
Std. Err. of Entry Mean	.	1.7	2.6	.	2.2	3.6	.	7.8	8.6

1. Yields calculated at 48 pounds per bushel at 13.0% moisture.
2. Tifton, Plains, and Midville.
3. Griffin.
4. All four locations.
5. 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).

Summary of Rye Yields, Georgia, 2013-2014 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014
	bu/acre								
Elbon	.	.	17.0	.	.	**59.9**	.	.	**38.4**
FL2X405	.	**39.0**	**29.4**	.	52.0	48.2	.	45.5	**38.8**
FL2X406	.	**41.0**	**32.3**	.	**64.7**	**54.6**	.	**52.8**	**43.4**
Florida 401	**44.5**	**38.7**	**31.0**	**54.4**	50.8	46.2	**49.5**	44.7	**38.6**
Maton	.	.	20.4	.	.	**57.3**	.	.	**38.8**
Maton II	.	.	14.7	.	.	**62.3**	.	.	**38.5**
Oklon	.	.	11.4	.	.	**56.7**	.	.	34.0
Wrens Abruzzi	**40.8**	**41.1**	**25.9**	**69.0**	**63.4**	50.0	**54.9**	**52.3**	**38.0**
Average	42.7	40.0	22.8	61.7	57.7	54.4	52.2	48.8	38.6
LSD at 10% Level	N.S.[4]	4.6	7.4	N.S.	6.6	8.7	N.S.	3.9	5.6
Std. Err. of Entry Mean	1.0	1.9	3.0	2.4	2.7	3.6	1.3	1.6	2.3

1. Yields calculated at 56 pounds per bushel at 13.0% moisture.
2. Tifton.
3. Griffin.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, 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 Grain Performance, 2013-2014

	Yield		2014 Data					
	3-Year	2-Year			Test			Head
Brand-Variety	Average	Average	Rank	Yield	Wt	Ht	Lodg.	Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day

An oat variety grain trial was planted at this location on September 20, 2013. However, crown rust and lodging during the growing season resulted in some very low grain yields and considerable variation in performance within and among plots in the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the genetic performance potential of all the test entries. Since this data is not useful for making decisions and could be misleading if used in making variety selections, it will not be presented in this publication.

Plains, Georgia:
Oat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Crown Rust[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 270	**112.1**	**120.3**	5	118.6	30.7	49	5	04/12	80
Horizon 306	**108.5**	**106.5**	8	111.6	31.4	50	15	04/17	80
Horizon 201	**102.4**	**95.7**	10	105.3	27.7	56	45	04/13	80
Gerard 224	**96.7**	**93.6**	4	120.8	31.9	51	0	04/14	80
Gerard 229	**96.0**	**91.4**	6	118.4	32.4	46	1	04/17	.
SS 76-50	**95.5**	**92.2**	11	101.2	28.3	50	8	04/17	80
LA07007-68	.	**103.6**	13	98.5	30.6	50	11	04/10	0
FL0720-R6	.	.	1	**135.5**	33.3	59	51	04/19	0
FL0720-R5	.	.	2	123.2	33.4	59	58	04/18	0
TX09CS112	.	.	3	121.5	29.4	43	0	04/11	80
NC10-5069	.	.	7	116.5	30.6	46	48	04/19	.
NC11-1798	.	.	9	110.3	34.9	48	75	04/15	.
LA07048-28	.	.	12	99.6	30.0	59	16	04/16	80
LA06046SS-N2-Ab2	.	.	14	98.1	30.4	45	1	04/11	0
LA02065-88	.	.	15	96.3	30.6	54	4	04/17	.
TX09CS1029	.	.	16[T]	93.9	30.1	48	5	04/12	70
NC10-5051	.	.	16[T]	93.9	30.6	54	21	04/19	100
TX10CAS085	.	.	17	92.7	30.2	50	4	04/13	80
LA07048-19	.	.	18	89.0	23.5	61	23	04/14	80
FL0772-R3	.	.	19	81.0	34.4	51	8	04/19	0
FL03254-L1	.	.	20	80.9	30.0	52	54	04/12	.
NC09-4503N	.	.	21	77.0	36.8	51	6	04/10	80
FL0567-L1	.	.	22	73.8	24.3	58	5	04/08	80
NF27	.	.	23	70.7	27.8	62	48	04/12	80
Okay	.	.	24	60.0	26.7	51	94	04/19	80
Average	101.9	100.5		99.5 [3]	30.4	52	24	04/14	60
LSD at 10% Level	N.S.[4]	N.S.		11.9	1.8	2	22	01	-
Std. Err. of Entry Mean	3.9	5.3		5.1	0.8	1	10	01	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. Crown rust data collected on May 13, 2014.
3. C.V. = 10.2%, and df for EMS = 72.
4. 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).

Planted: November 14, 2013.
Harvested: June 3, 2014.
Seeding Rate: 11 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Midville, Georgia:
Oat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	2014 Data Yield[1]	2014 Data Test Wt	2014 Data Ht	2014 Data Lodg.	2014 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Gerard 229	**106.2**	**103.0**	1	**144.8**	35.6	46	3	04/17
SS 76-50	**100.5**	**90.7**	3	110.7	32.9	44	38	04/15
Gerard 224	**95.1**	**86.4**	8	105.9	33.4	50	41	04/16
Horizon 306	**94.7**	**98.9**	9	104.1	32.0	51	20	04/13
Horizon 201	**85.4**	**87.5**	16	85.6	27.1	51	45	04/11
Horizon 270	**84.2**	**79.2**	4	108.0	31.8	49	0	04/13
LA07007-68	.	**89.9**	21	71.4	32.1	50	1	04/10
TX09CS112	.	.	2	**131.0**	30.1	43	0	04/12
NC10-5069	.	.	5	107.8	31.6	44	16	04/18
FL0720-R6	.	.	6	107.6	33.6	57	30	04/18
NC10-5051	.	.	7	107.2	35.2	53	25	04/18
TX09CS1029	.	.	10	102.4	31.2	48	0	04/12
FL0720-R5	.	.	11	93.4	32.1	60	14	04/17
NC11-1798	.	.	12	93.0	35.6	52	55	04/16
TX10CAS085	.	.	13	91.5	32.1	48	14	04/14
LA07048-28	.	.	14	90.7	29.9	57	49	04/14
Okay	.	.	15	86.8	24.0	49	76	04/19
FL0772-R3	.	.	17	85.5	31.5	54	0	04/18
NC09-4503N	.	.	18[T]	77.3	38.6	51	16	04/10
LA06046SS-N2-Ab2	.	.	18[T]	77.3	29.5	45	0	04/10
LA02065-88	.	.	19	76.5	30.2	49	23	04/14
FL03254-L1	.	.	20	76.4	30.7	52	23	04/12
LA07048-19	.	.	22	68.0	23.4	57	10	04/12
NF27	.	.	23	63.5	29.6	60	39	04/12
FL0567-L1	.	.	24	58.4	26.8	59	26	04/10
Average	94.4	90.8		93.0 [2]	31.2	51	22	04/14
LSD at 10% Level	N.S.[3]	N.S.		20.8	4.1	4	28	02
Std. Err. of Entry Mean	4.8	6.1		8.8	1.8	2	12	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 19.0%, and df for EMS = 72.
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).

Planted: November 22, 2013.
Harvested: June 5, 2014.
Seeding Rate: 11 seeds per foot in 7-inch rows.
Soil Type: Dothan loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 30 lb N, 40 lb P_2O_5, and 120 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and moldboard plowed; 1,000 lb/acre lime applied.
Previous Crop: Wheat.

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

Griffin, Georgia:
Oat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 270	**160.6**	**180.0**	7	186.2	36.9	46	33	04/26	93
SS 76-50	**155.6**	**173.1**	3	191.7	36.3	48	68	04/27	89
Gerard 224	**153.6**	**167.1**	2	**198.7**	38.7	47	35	04/26	90
Horizon 306	**151.9**	**160.3**	10	181.7	39.1	47	60	04/28	93
Horizon 201	**150.0**	**153.1**	5	188.5	36.1	54	55	04/24	93
Gerard 229	**144.7**	**162.7**	11	181.0	37.1	43	18	04/29	90
LA07007-68	.	**149.1**	19	156.8	39.4	47	93	04/20	88
NC11-1798	.	.	1	**208.2**	40.5	48	94	04/27	91
TX09CS112	.	.	4	188.8	35.8	41	0	04/24	93
FL0720-R6	.	.	6	187.2	38.6	54	90	04/28	90
LA02065-88	.	.	8	185.7	36.1	50	13	04/25	93
NC10-5069	.	.	9	184.5	34.5	46	81	04/29	89
NC10-5051	.	.	12	180.9	39.3	50	18	04/27	94
TX10CAS085	.	.	13	176.3	36.9	46	44	04/27	91
LA07048-28	.	.	14	171.3	34.4	55	5	04/25	94
FL0720-R5	.	.	15	171.2	38.3	54	89	04/27	94
TX09CS1029	.	.	16	169.1	35.6	44	13	04/26	80
LA07048-19	.	.	17	160.1	35.0	57	26	04/25	94
FL03254-L1	.	.	18	156.9	38.1	52	39	04/25	88
Okay	.	.	20	156.4	32.5	50	86	04/27	90
LA06046SS-N2-Ab2	.	.	21	147.3	34.8	44	21	04/21	89
FL0567-L1	.	.	22	145.9	37.6	52	83	04/19	89
NF27	.	.	23	139.0	34.3	58	85	04/24	90
NC09-4503N	.	.	24	138.6	40.1	50	98	04/21	90
FL0772-R3	.	.	25	67.4	35.0	45	1	05/05	58
Average	152.7	163.6		168.8 [2]	36.9	49	50	04/26	89
LSD at 10% Level	N.S.[3]	N.S.		9.5	1.6	3	16	01	6
Std. Err. of Entry Mean	4.2	6.0		4.1	0.7	1	7	01	3

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 8.2%, and df for EMS = 72.
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).

Planted: October 30, 2013.
Harvested: June 10, 2014.
Seeding Rate: 11 seeds per foot in 7-inch rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.2.
Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 70 lb N/acre.
Management: Chisl plowed, disked, and rototilled; Harmony Extra used for weed control; Karate used for insect control.
Previous Crop: Soybeans.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Calhoun, Georgia:
Oat Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Winter Survival
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Horizon 201	**120.6**	**124.1**	1	**185.1**	34.6	53	96	04/21	100
SS 76-50	**112.6**	**120.3**	5	162.4	35.9	48	99	04/21	100
Gerard 229	**108.1**	**125.6**	4	162.7	34.6	42	96	04/25	100
Horizon 306	**101.4**	**110.2**	6	160.7	40.1	48	98	04/23	100
Gerard 224	**99.6**	**99.5**	9	140.7	36.5	47	96	04/21	100
Horizon 270	**98.1**	**116.1**	2	**171.8**	36.7	43	88	04/23	100
LA07007-68	.	**64.3**	20	66.7	31.4	40	75	04/27	18
NC10-5069	.	.	3	165.7	35.2	43	98	04/22	100
TX09CS112	.	.	7	157.6	32.3	44	99	04/21	100
NC11-1798	.	.	8[T]	144.2	37.2	47	100	04/22	100
LA06046SS-N2-Ab2	.	.	8[T]	144.2	33.8	42	98	04/21	100
TX10CAS085	.	.	10	139.2	34.8	47	98	04/20	100
NC10-5051	.	.	11[T]	136.3	36.7	48	96	04/23	100
NC09-4503N	.	.	11[T]	136.3	44.5	51	98	04/20	100
LA02065-88	.	.	12	131.7	35.7	47	95	04/22	100
LA07048-28	.	.	13	126.6	34.2	56	96	04/22	100
Okay	.	.	14	125.5	32.4	53	99	04/24	100
TX09CS1029	.	.	15	121.7	35.3	48	98	04/22	100
FL0720-R6	.	.	16	110.9	32.2	53	100	04/27	100
NF27	.	.	17[T]	107.9	34.4	60	95	04/21	100
FL03254-L1	.	.	17[T]	107.9	36.3	48	100	04/23	100
LA07048-19	.	.	18	107.1	34.8	58	98	04/21	100
FL0720-R5	.	.	19	94.8	32.6	50	91	04/26	46
FL0567-L1	.	.	21	56.1	32.6	47	74	04/23	21
FL0772-R3	.	.	22	3.0	0.1	40	10	04/27	3
Average	106.7	108.6		126.7 [2]	33.8	48	92	04/22	88
LSD at 10% Level	N.S.[3]	N.S.		15.7	1.4	3	12	02	9
Std. Err. of Entry Mean	6.0	7.0		10.0	0.6	1	5	01	4

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 15.7%, and df for EMS = 72.
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).

Planted: October 10, 2013.
Harvested: June 17, 2014.
Seeding Rate: 11 seeds per foot in 7-inch rows.
Soil Type: Rome gravelly loam.
Soil Test: P = Very High, K = Medium, and pH = 6.4.
Fertilization: Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.
Topdress: 75 lb N/acre.
Management: Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.
Previous Crop: Fallow.

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

Summary of Oat Yields, Georgia, 2013-2014 with Two- and Three-Year Averages

Brand-Variety	Yield[1] South[2] 3-Year Average	South[2] 2-Year Average	South[2] 2014	North[3] 3-Year Average	North[3] 2-Year Average	North[3] 2014	Statewide[4] 3-Year Average	Statewide[4] 2-Year Average	Statewide[4] 2014
	bu/acre								
FL03254-L1	.	.	78.7	.	.	132.4	.	.	105.5
FL0567-L1	.	.	66.1	.	.	101.0	.	.	83.5
FL0720-R5	.	.	108.3	.	.	133.0	.	.	120.6
FL0720-R6	.	.	**121.5**	.	.	149.0	.	.	135.3
FL0772-R3	.	.	83.2	.	.	35.2	.	.	59.2
Gerard 224	**95.9**	**90.0**	113.3	**126.6**	**133.3**	**169.7**	**111.2**	**111.6**	**141.5**
Gerard 229	**101.1**	**97.2**	**131.6**	**126.4**	**144.1**	**171.9**	**113.7**	**120.7**	**151.7**
Horizon 201	**93.9**	**91.6**	95.5	**135.3**	**138.6**	**186.8**	**114.6**	**115.1**	**141.1**
Horizon 270	**98.1**	**99.8**	113.3	**129.3**	**148.0**	**179.0**	**113.7**	**123.9**	**146.1**
Horizon 306	**101.6**	**102.7**	107.8	**126.6**	**135.3**	**171.2**	**114.1**	**119.0**	139.5
LA02065-88	.	.	86.4	.	.	158.7	.	.	122.5
LA06046SS-N2-Ab2	.	.	87.7	.	.	145.8	.	.	116.7
LA07007-68	.	**96.7**	84.9	.	106.7	111.7	.	**101.7**	98.3
LA07048-19	.	.	78.5	.	.	133.6	.	.	106.0
LA07048-28	.	.	95.1	.	.	149.0	.	.	122.0
NC09-4503N	.	.	77.1	.	.	137.4	.	.	107.3
NC10-5051	.	.	100.6	.	.	158.6	.	.	129.6
NC10-5069	.	.	112.1	.	.	**175.1**	.	.	143.6
NC11-1798	.	.	101.6	.	.	**176.2**	.	.	138.9
NF27	.	.	67.1	.	.	123.5	.	.	95.3
Okay	.	.	73.4	.	.	140.9	.	.	107.2
SS 76-50	**98.0**	**91.4**	105.9	**134.1**	**146.7**	**177.1**	**116.0**	**119.1**	**141.5**
TX09CS1029	.	.	98.1	.	.	145.4	.	.	121.8
TX09CS112	.	.	**126.2**	.	.	**173.2**	.	.	**149.7**
TX10CAS085	.	.	92.1	.	.	157.8	.	.	124.9
Average	98.1	95.6	96.2	129.7	136.1	147.7	113.9	115.9	122.0
LSD at 10% Level	N.S.[5]	N,S.	11.9	N.S.	15.5	18.0	N.S.	N.S.	10.8
Std. Err. of Entry Mean	3.1	4.0	5.1	4.8	6.6	7.7	2.9	3.9	4.6

1. Yields calculated at 32 pounds per bushel at 12.5% moisture.
2. Plains and Midville.
3. Griffin and Calhoun.
4. Four locations.
5. 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).

Barley

Plains, Georgia:
Barley Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day
Thoroughbred	**95.8**	**109.7**	1	**98.9**	43.5	37	0	04/11
Price	**95.2**	**99.7**	3	89.2	44.1	38	4	04/05
Atlantic	**93.6**	**98.7**	4	84.6	43.3	37	46	04/06
VA08B-85	.	**95.5**	2	**97.0**	42.0	39	48	04/09
VA07H-31WS	.	**92.3**	5	83.6	56.3	40	1	04/12
Average	94.9	99.2		90.6 [2]	45.9	38	20	04/08
LSD at 10% Level	N.S.[3]	N.S.		7.9	3.2	2	26	01
Std. Err. of Entry Mean	2.6	3.6		3.1	1.3	1	10	01

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 6.9%, and df for EMS = 12.
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).

Planted: November 14, 2013.
Harvested: June 3, 2014.
Seeding Rate: 19 seeds per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Calhoun, Georgia:
Barley Grain Performance, 2013-2014

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2014 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Head Date	Bird Damage[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	mo/day	%
Price	**66.5**	**48.6**	2	**70.0**	41.9	38	95	04/15	9
Atlantic	**58.0**	**42.9**	3	65.4	42.3	39	94	04/15	11
Thoroughbred	**55.4**	**40.6**	4	51.6	42.1	40	91	04/14	19
VA08B-85	.	**54.2**	1	**70.8**	42.1	39	94	04/15	13
VA07H-31WS	.	**34.9**	5	42.1	46.1	41	93	04/14	16
Average	59.9	44.3		60.0 [3]	42.9	39	93	04/15	14
LSD at 10% Level	N.S.[4]	N.S		4.6	1.2	2	N.S.	01	N.S.
Std. Err. of Entry Mean	4.1	2.4		1.8	0.5	1	2	01	3

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. Rated as percent damage.
3. C.V. = 6.0%, and df for EMS = 12.
4. 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).

Planted: October 25, 2013.
Harvested: June 17, 2014.
Seeding Rate: 19 seeds per foot in 7-inch rows.
Soil Type: Rome gravelly loam.
Soil Test: P = Very High, K = Medium, and pH = 6.4.
Fertilization: Preplant: 25 lb N, 50 lb P_2O_5, and 75 lb K_2O/acre.
Topdress: 75 lb N/acre.
Management: Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.
Previous Crop: Fallow.

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

Summary of Barley Yields, Georgia, 2013-2014 with Two- and Three-Year Averages

Brand-Variety	Yield[1]								
	South[2]			North[3]			Statewide		
	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014
	bu/acre								
Atlantic	**93.6**	**98.7**	84.6	**58.0**	**42.9**	65.4	**75.8**	**70.8**	**75.0**
Price	**95.2**	**99.7**	89.2	**66.5**	**48.6**	**70.0**	**80.9**	**74.2**	**79.6**
Thoroughbred	**95.8**	**109.7**	**98.9**	**55.4**	**40.6**	51.6	**75.6**	**75.1**	**75.2**
VA07H-31WS	.	**92.3**	83.6	.	**34.9**	42.1	.	**63.6**	**62.9**
VA08B-85	.	**95.5**	**97.0**	.	**54.2**	**70.8**	.	**74.8**	**83.9**
Average	94.9	99.2	90.7	60.0	44.2	60.0	77.4	71.7	75.3
LSD at 10% Level	N.S.[4]	N.S.	7.9	N.S.	N.S.	4.6	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	2.6	3.6	3.1	4.1	2.4	1.8	2.4	2.2	1.8

1. Yields calculated at 48 pounds per bushel at 12.0% moisture.
2. Plains.
3. Calhoun.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, 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).

Forage Test Results

Wheat

Tifton, Georgia:
Wheat Forage Performance, 2013-2014

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	12-11-13	02-06-14	03-11-14	04-11-14	2014	2-Yr Avg
	lb/acre					
SS 8641	**1577**	**2248**	**3164**	1948	**8937**	**7894**
GA-Gore	**1379**	**2163**	2543	2361	**8446**	**7393**
Jamestown	**1667**	**2141**	**3207**	1408	**8423**	**6819**
GA 04434-11E44	**1568**	**2073**	2867	1686	8194	.
GA 041293-11E54	**1849**	**2224**	**2935**	1121	8129	.
NF95134A	**1258**	**1604**	2845	**2404**	8111	.
GA 041052-11E51	**1401**	**1843**	**3155**	1584	7982	.
GA 041293-11LE37	**1809**	**2278**	2871	998	7956	.
Endurance	**1252**	**1884**	1806	**2853**	7795	.
Fleming	**1480**	**1654**	2172	1064	6370	.
Average	1524	2011	2756	1743	8034 [1]	7369
LSD at 10% Level	N.S.[2]	N.S.	325	450	539	N.S.
Std. Err. of Entry Mean	184	185	135	187	224	178

1. C.V. = 5.6%, and df for EMS = 27.
2. 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).

Planted: October 17, 2013.
Seeding Rate: 27 seed per foot in 7-inch rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 5.3.
Fertilization: Preplant: 46 lb N, 0 lb P_2O_5, and 46 lb K_2O/acre.
Topdress: 40 lb N/acre after first, second, and third harvests.
Management: Disked, moldboard plowed, and rototilled; 1,000 lb lime/acre applied.
Previous Crop: Summer annuals.

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

Plains, Georgia:
Wheat Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	01-23-14	02-25-14	04-01-14	2014	2-Yr Avg
	---------- lb/acre ----------				
NF95134A	**2058**	**1938**	**3659**	**7655**	.
GA 041293-11LE37	**2341**	1590	**3331**	**7262**	.
GA 041293-11E54	**2102**	**1688**	**3277**	**7067**	.
SS 8641	**1808**	**1765**	**3299**	6871	**7077**
GA 04434-11E44	**2232**	**1917**	2714	6863	.
Endurance	**1612**	1547	**3635**	6793	.
Jamestown	**1536**	**2015**	3041	6591	6098
GA-Gore	**1830**	1535	2828	6193	6309
GA 041052-11E51	**1786**	**1873**	2285	5943	.
Fleming	**1862**	980	1773	4615	.
Average	1917	1685	2984	6585 [1]	6494
LSD at 10% Level	N.S.[2]	342	399	760	332
Std. Err. of Entry Mean	223	142	166	303	186

1. C.V. = 9.2%, and df for EMS = 27.
2. 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).

Planted: October 31, 2013.
Seeding Rate: 27 seed per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre and 40 lb N/acre after first and second harvest.
Management: Disked and rototilled.
Previous Crop: Cotton.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Griffin, Georgia:
Wheat Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	02-24-14	03-31-14	05-09-14	2014	2-Yr Avg
	lb/acre				
Jamestown	**2913**	2281	**5322**	**10515**	**10675**
GA 04434-11E44	**2873**	1989	**5331**	**10193**	.
GA 041052-11E51	**3204**	2074	**4867**	**10144**	.
SS 8641	2544	3196	4262	**10002**	**12448**
GA 041293-11LE37	2730	2132	**4881**	9743	.
NF95134A	2117	3484	3971	9572	.
Roberts	2334	**3896**	3321	9551	**10946**
GA-Gore	2136	3629	3668	9433	**11015**
GA 041293-11E54	2329	1953	**5081**	9362	.
Endurance	834	**4046**	3544	8424	.
Average	2401	2868	4425	9694 [1]	11271
LSD at 10% Level	350	382	607	696	N.S.[2]
Std. Err. of Entry Mean	145	159	252	289	254

1. C.V. = 6.0%, and df for EMS = 27.
2. 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).

Planted: October 3, 2013.
Seeding Rate: 27 seed per foot in 7-inch rows.
Soil Type: Pacolet sandy loam.
Soil Test: P = Low, K = High, and pH = 6.4.
Fertilization: Preplant: 80 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after first and second harvests.
Management: Chisel plowed, disked, and rototilled; Harmony Extra and Powerflex used for weed control.
Previous Crop: Soybeans.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Marianna, Florida:
Wheat Forage Performance, 2013-2014

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	01-22-14	02-17-14	03-14-14	04-14-14	2014	2-Yr Avg
	lb/acre					
GA 04434-11E44	**720**	**1218**	2290	2934	**7162**	.
Endurance	0	245	2562	**3994**	**6801**	.
GA-Gore	210	573	2555	3436	**6773**	6014
GA 041052-11E51	392	**1167**	2684	2307	6550	.
GA 041293-11LE37	458	**1016**	2809	2261	6544	.
NF95134A	194	493	**3681**	2073	6442	.
Jamestown	343	848	2929	2274	6394	.
GA 041293-11E54	471	**1063**	2765	2041	6341	.
Fleming	**875**	**1138**	1796	1916	5725	.
Average	407	862	2675	2582	6525 [1]	6014
LSD at 10% Level	185	223	283	330	565	-
Std. Err. of Entry Mean	76	92	117	136	467	-

1. C.V. = 7.2%, 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 23, 2013.
Seeding Rate: 27 seed per foot in 7-inch rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 5.7.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, 20 lb K_2O, and 28 lb S/acre.
Topdress: 50 lb N/acre after first, second, and third 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 Yields, 2013-2014
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg[1]	2014	2-Yr Avg	3-Yr Avg
	lb/acre											
Endurance	7795	.	.	6793	.	.	8424	.	.	**7671**	.	.
Fleming	6370	.	.	4615	.	.	.	.	.	.	.	.
GA 041052-11E51	7982	.	.	5943	.	.	**10144**	.	.	**8023**	.	.
GA 041293-11E54	8129	.	.	**7067**	.	.	9362	.	.	**8186**	.	.
GA 041293-11LE37	7956	.	.	**7262**	.	.	9743	.	.	**8320**	.	.
GA 04434-11E44	8194	.	.	6863	.	.	**10193**	.	.	**8417**	.	.
GA-Gore	**8446**	**7393**	**7002**	6193	6309	**7010**	9433	**11015**	**10689**	**8024**	**8239**	8234
Jamestown	**8423**	**6819**	.	6591	6098	.	**10515**	**10675**	**10522**	**8509**	**7864**	.
NF95134A	8111	.	.	**7655**	.	.	9572	.	.	**8446**	.	.
Roberts	.	.	.	.	.	.	9551	**10946**	**10398**	.	.	.
SS 8641	**8937**	**7894**	**7791**	6871	**7077**	**7566**	**10002**	**12448**	**11658**	**8603**	**9140**	**9005**
Average	8034	7369	7396	6585	6494	7288	9694	11271	10817	8244	8414	8619
LSD at 10% Level	539	N.S.[2]	N.S.	760	332	N.S.	696	N.S.	N.S.	N.S.	N.S.	342
Std. Err. of Entry Mean	224	178	142	303	186	136	289	188	282	163	107	128

1. Griffin three-year average: 2011, 2013, and 2014.
2. 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, 2013-2014

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	12-11-13	02-06-14	03-11-14	04-11-14	2014	2-Yr Avg
	lb/acre					
Triticale						
NC07-1088	1624	**1975**	**2954**	**2451**	**9003**	**7888**
NF 96210	1558	**1842**	**3225**	1700	8324	.
NC08-26	1607	**1860**	**3012**	1781	8259	**7004**
SS Triticale 1414	1390	**1923**	2369	**2565**	8247	.
Arcia	1296	**2015**	2606	2037	7953	.
NC07-1031	1543	**1762**	**3085**	1550	7940	.
Monarch	**1882**	**2004**	2500	1087	7472	**6682**
FL08128	**2210**	1266	2171	1017	6664	.
FL01143	**1976**	1244	2688	741	6648	**6150**
Trical 342	**2058**	**1614**	2154	799	6625	**6264**
FL01008	**2058**	1067	2047	1361	6534	**6404**
Average	1746	1688	2619	1553	7606 [1]	6732
LSD at 10% Level	409	440	367	304	480	N.S.[2]
Std. Err. of Entry Mean	170	184	153	126	141	153
Rye						
FL2X406	2233	**2617**	**3327**	1929	**10105**	**8814**
Elbon	2494	**2080**	2629	2777	**9980**	**8671**
Maton	2418	1906	**2892**	2494	**9708**	**8677**
Oklon	2163	1753	2303	**3300**	**9519**	**8315**
Maton II	2385	1721	**3345**	2004	**9455**	**8911**
FL2X405	**2965**	**2078**	2158	2202	**9402**	**8512**
Bates RS4	2418	1509	**3251**	1938	9116	**8799**
Wrens Abruzzi	2603	**2058**	**3145**	1252	9058	**8471**
FL4X404	2356	1526	2813	1280	7974	**7944**
Florida 401	2690	653	1547	1764	6654	**7106**
Average	2472	1790	2741	2094	9097 [3]	8422
LSD at 10% Level	252	678	455	241	814	N.S.
Std. Err. of Entry Mean	104	282	189	100	338	171

1. C.V. = 5.3%, and df for EMS = 30.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
3. C.V. = 7.4%, and df for EMS = 27.

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

Planted: October 17, 2013.
Seeding Rate: Triticale: 27 seed per foot in 7-inch rows.
Rye: 36 seed per foot in 7-inch rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 5.3.
Fertilization: Preplant: 46 lb N, 0 lb P_2O_5, and 46 lb K_2O/acre.
Topdress: 40 lb N/acre after first, second, and third harvests.
Management: Disked, moldboard plowed, and rototilled; 1,000 lb lime/acre applied.
Previous Crop: Summer annuals.

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

Plains, Georgia:
Triticale and Rye Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	01-23-14	02-25-14	04-01-14	2014	2-Yr Avg
	lb/acre				
Triticale					
NC07-1088	**2298**	1699	**3457**	**7454**	**7361**
NC08-26	1950	**1982**	2727	6659	6571
NC07-1031	1655	**2048**	2912	6615	.
SS Triticale 1414	1939	1557	**3019**	6515	.
NF 96210	1460	**1819**	2818	6097	.
Monarch	**2352**	1002	2444	5798	5559
Arcia	1841	1568	2386	5794	.
Trical 342	**2178**	1176	2430	5784	5407
FL01008	1884	686	2682	5252	4920
FL01143	1971	839	1687	4496	4836
Average	1953	1438	2656	6046 [1]	5776
LSD at 10% Level	282	295	470	572	410
Std. Err. of Entry Mean	118	122	195	238	242
Rye					
FL2X406	**2581**	**2015**	3287	**7883**	**7977**
Maton	**2211**	1569	**4041**	**7820**	**8292**
Elbon	**2135**	1394	**4234**	**7762**	**8132**
Maton II	**2265**	1350	**3857**	**7472**	.
Oklon	**2320**	1253	**3886**	**7458**	**7999**
Bates RS4	**2320**	**2113**	3014	**7446**	.
Wrens Abruzzi	**2047**	**1960**	2741	6748	6982
FL2X405	**2026**	719	2740	5485	6296
FL4X404	**1906**	1111	2407	5423	6022
Florida 401	**1960**	730	2447	5137	6246
Average	2177	1421	3265	6863 [2]	7243
LSD at 10% Level	N.S. [3]	369	459	725	430
Std. Err. of Entry Mean	198	153	190	301	256

1. C.V. = 7.9%, and df for EMS = 27.
2. C.V. = 8.8%, and df for EMS = 27.
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).

Planted: October 31, 2013.
Seeding Rate: Triticale: 27 seed per foot in 7-inch rows.
Rye: 36 seed per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre and 40 lb N/acre after first and second harvest.
Management: Disked and rototilled.
Previous Crop: Cotton.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Griffin, Georgia:
Triticale and Rye Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield					Cold Damage[1]	Plant Stand[2]
	Harvest Date			Season Totals			
	02-24-14	03-31-14	05-09-14	2014	2-Yr Avg		
	lb/acre					%	%
Triticale							
Arcia	**3621**	2642	**5733**	**11996**	.	5	100
SS Triticale 1414	**3523**	2999	**5168**	**11689**	.	5	100
NF 96210	3078	3513	4572	**11163**	.	5	100
NC07-1088	**3208**	**4137**	3809	**11153**	**12108**	5	100
NC07-1031	3175	2341	**5144**	10659	.	5	100
NC08-26	3011	3058	4406	10475	**11494**	5	100
Monarch	2869	2361	4173	9403	**10646**	8	100
Trical 342	3027	2308	3263	8598	**10202**	10	100
FL01008	2243	1408	4809	8460	**10189**	16	100
FL01143	2400	1790	3602	7791	**9947**	18	100
Average	3015	2656	4468	10139[3]	10764	8	100
LSD at 10% Level	429	438	783	1023	N.S.[4]	-	-
Std. Err. of Entry Mean	178	182	325	425	308	-	-
Rye							
Oklon	1847	4871	**4949**	**11666**	**12843**	5	100
Maton	2401	4870	4255	**11525**	**12744**	5	100
Elbon	2248	**5599**	3477	**11323**	**12607**	5	100
Maton II	3177	3772	4280	**11228**	**12150**	5	100
Wrens Abruzzi	**4183**	2172	**4546**	10901	**12384**	6	100
FL2X406	3569	2928	3934	10431	11744	8	100
Bates RS4	3627	3231	3440	10297	**12171**	5	100
FL4X404	2915	1752	4198	8865	10798	16	95
FL2X405	2628	1104	**4691**	8423	10777	90	88
Florida 401	2445	868	4469	7782	10360	90	86
Average	2904	3117	4224	10244[5]	11858	24	97
LSD at 10% Level	489	570	560	716	708	-	-
Std. Err. of Entry Mean	201	236	232	297	299	-	-

1. Percent foliage damage due to extreme cold temperatures (5° F on January 30, 2014).
2. Percent stand on March 31, 2014.
3. C.V. = 8.4%, and df for EMS = 27.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
5. C.V. = 5.8%, and df for EMS = 27.

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

Planted: October 3, 2013.

Seeding Rate: Triticale: 27 seed per foot in 7-inch rows.
Rye: 36 seed per foot in 7-inch rows.

Soil Type: Pacolet sandy loam.

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

Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after first and second harvests.

Management: Chisel plowed, disked, and rototilled; Harmony Extra and Powerflex for weed control.

Previous Crop: Triticale: Soybeans.
Rye: Wheat.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Marianna, Florida:
Triticale and Rye Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield						
	Harvest Date					Season Totals	
			02-19-14	03-14-14	04-14-14	2014	2-Yr Avg
			lb/acre				
Triticale							
NC07-1031	.	.	496	**1255**	**2665**	**4416**	.
NC08-26	.	.	371	**1118**	**2430**	**3918**	**5228**
Arcia	.	.	513	**1336**	1964	3813	.
NF 96210	.	.	243	**874**	**2683**	3800	.
NC07-1088	.	.	384	**1082**	2285	3751	**5845**
Monarch	.	.	**957**	**1118**	1299	3374	**4500**
Trical 342	.	.	**872**	**1235**	1151	3258	**4814**
FL01008	.	.	**965**	**1050**	1146	3161	**4610**
FL01143	.	.	**875**	**1020**	932	2827	**4435**
Average	.	.	631	1121	1839	3591 [1]	4905
LSD at 10% Level			298	N.S.[2]	**256**	501	N.S.
Std. Err. of Entry Mean			123	121	106	207	175

	Harvest Date					Season Totals	
	01-16-14*	01-27-14*	02-25-14	03-26-14	01-24-14	2014	2-Yr Avg
Rye	lb/acre						
Bates RS4	0	**284**	**1927**	3030	203	**5444**	.
Elbon	0	237	1122	**3796**	236	**5390**	**6789**
FL2X406	0	184	1698	3164	100	**5145**	6187
Maton	0	128	1144	**3553**	186	**5011**	**6431**
Oklon	0	113	916	**3599**	349	**4976**	5955
Maton II	0	144	1388	3336	87	**4955**	.
Wrens Abruzzi	0	240	**1954**	2318	271	4783	6189
FL4X404	0	**376**	**2048**	1526	**687**	4637	5915
FL2X405	**783**	0	1251	1725	**516**	4275	5429
Florida 401	**737**	0	1313	1301	**521**	3871	4942
Average	152	171	1476	2735	316	4849 [3]	5980
LSD at 10% Level	142	114	234	380	209	490	465
Std. Err. of Entry Mean	59	47	97	158	87	204	195

1. C.V. = 11.5%, and df for EMS = 24.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
3. C.V. = 8.4%, and df for EMS = 27.

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

Planted: October 23, 2013.
Seeding Rate: Triticale: 27 seed per foot in 7-inch rows.
Rye: 36 seed per foot in 7-inch rows.
Soil Type: Chippola loamy sand.
Soil Test: P = Medium, K = High, and pH = 5.7.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, 20 lb K_2O, and 28 lb S/acre.
Topdress: 50 lb N/acre after first and second harvests for Triticale.
50 lb N/acre after first*, second, and third 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 Yields, 2013-2014
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg
	lb/acre											
Triticale												
Arcia	7953	.	.	5794	.	.	**11996**	.	.	**8581**	.	.
FL01008	6534	**6404**	**6287**	5252	4920	**5279**	8460	**10189**	.	6749	7171	.
FL01143	6648	**6150**	**6540**	4496	4836	**5282**	7791	**9947**	.	6312	6978	.
FL08128	6664	.	.	.	.	.	.	.	.	.	.	.
Monarch	7472	**6682**	**6529**	5798	5559	**5648**	9403	**10646**	**9742**	7558	7629	**7307**
NC07-1031	7940	.	.	6615	.	.	10659	.	.	**8404**	.	.
NC07-1088	**9003**	**7888**	.	**7454**	**7361**	.	**11153**	**12108**	.	**9203**	**9119**	.
NC08-26	8259	**7004**	.	6659	6571	.	10475	**11494**	.	**8464**	8356	.
NF 96210	8324	.	.	6097	.	.	**11163**	.	.	**8528**	.	.
SS Triticale 1414	8247	.	.	6515	.	.	**11689**	.	.	**8817**	.	.
Trical 342	6625	**6264**	**6432**	5784	5407	**5706**	8598	**10202**	**8972**	7002	7291	**7037**
Average	7606	6732	6447	6046	5776	5479	10139	10764	9357	7962	7757	7172
LSD at 10% Level	480	N.S.[1]	N.S.	572	410	N.S.	1023	N.S.	N.S.	822	301	N.S.
Std. Err. of Entry Mean	141	153	140	238	242	153	425	308	209	177	128	98
Rye												
Bates RS4	9116	**8799**	**8861**	**7446**	.	.	10297	**12171**	**10821**	**8953**	.	.
Elbon	**9980**	**8671**	**8402**	**7762**	**8132**	**9037**	**11323**	**12607**	**11264**	**9688**	**9804**	**9568**
FL2X405	**9402**	**8512**	.	5485	6296	.	8423	10777	.	7770	8528	.
FL2X406	**10105**	**8814**	.	**7883**	**7977**	.	10431	11744	.	**9473**	9511	.
FL4X404	7974	**7944**	.	5423	6022	.	8865	10798	.	7421	8254	.
Florida 401	6654	**7106**	**7640**	5137	6246	6251	7782	10360	**9720**	6524	7904	7870
Maton	**9708**	**8677**	.	**7820**	**8292**	.	**11525**	**12744**	.	**9684**	**9904**	.
Maton II	**9455**	**8911**	.	**7472**	.	.	**11228**	**12150**	.	**9385**	.	.
Oklon	**9519**	**8315**	.	**7458**	**7999**	.	**11666**	**12843**	.	**9548**	**9719**	.
Wrens Abruzzi	9058	**8471**	**8432**	6748	6982	7146	10901	**12384**	**11496**	8903	9279	9025
Average	9097	8422	8334	6863	7243	7478	10244	11858	10825	8735	9113	8821
LSD at 10% Level	814	N.S.	N.S.	725	430	331	716	708	N.S.	743	343	489
Std. Err. of Entry Mean	338	171	164	301	256	135	297	299	266	181	138	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, 2013-2014

Brand-Variety	Forage Yield Dry	Forage Yield Green	Plant Height	Dry Matter	Lodging	2-Yr Avg Dry Yield	Head Date
	tons/acre		in	%	%	tons/acre	
Trical 342	**6.8**	**24.5**	.	28	0	**5.7**	03/24
FL01008	5.9	**22.3**	.	26	0	**5.1**	03/19
SS Triticale 1414	5.7	**21.6**	.	26	0	.	03/30
FL01143	5.4	**22.7**	.	24	0	**5.1**	03/28
Monarch	5.2	**22.9**	.	23	0	**4.3**	03/28
NC07-1088	4.9	**23.6**	.	21	0	**4.7**	04/01
NC07-1031	4.9	**22.5**	.	22	0	.	03/28
NF 96210	4.6	**20.6**	.	22	0	.	03/26
NC08-26	4.6	**22.2**	.	21	0	**4.6**	04/02
Arcia	4.5	**22.5**	.	20	0	.	04/03
Average	5.2 [1]	22.5 [2]	.	23	0	4.9	03/28
LSD at 10% Level	0.6	N.S. [3]		2	-	N.S.	02
Std. Err. of Entry Mean	0.3	0.8		1	-	0.3	01

1. CV = 9.9%, and df for EMS = 27.
2. CV = 7.2%, and df for EMS = 27.
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: November 25, 2013.
Harvested: April 11, 2014.
Seeding Rate: 27 seeds per acre in 30-inch rows.
Soil Type: Tifton sandy loam.
Soil Test: P = High, K = Medium, and pH = 5.3.
Fertilization: 46 lb N, 0 lb P_2O_5, and 46 lb K_2O/acre as preplant; 80 lb N/acre as topdress.
Previous Crop: Summer annuals.
Management: Disked, moldboard plowed, and rototilled; applied 1,000 lb lime.

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

Griffin, Georgia:
Triticale Silage Performance, 2013-2014

Brand-Variety	Forage Yield Dry	Forage Yield Green	Plant Height	Dry Matter	Lodging	2-Yr Avg Dry Yield	Head Date
	tons/acre		in	%	%	tons/acre	
FL01008	**4.4**	15.4	.	29	0	3.1	.
Trical 342	**4.3**	**18.2**	.	24	0	3.1	.
FL01143	**4.0**	**16.9**	.	23	0	3.0	.
Arcia	3.8	15.1	.	25	0	.	.
Monarch	3.7	15.6	.	24	0	2.7	.
NC07-1088	3.6	15.6	.	23	0	2.6	.
NC07-1031	3.5	15.9	.	22	0	.	.
SS Triticale 1414	3.5	**17.5**	.	20	0	.	.
NF 96210	3.2	16.7	.	19	0	.	.
NC08-26	3.0	13.4	.	22	0	2.4	.
Average	3.7 [1]	16.0 [2]	.	23	0	2.8	.
LSD at 10% Level	0.5	1.4	-	2	-	N.S. [3]	
Std. Err. of Entry Mean	0.2	0.6	-	1	-	0.2	

1. CV = 11.0%, and df for EMS = 27.
2. CV = 7.0%, and df for EMS = 27.
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 30, 2013.
Harvested: April 4, 2014.
Seeding Rate: 27 seeds per acre in 30-inch rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.2.
Fertilization: 30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre as preplant; 90 lb N/acre as topdress.
Previous Crop: Soybeans.
Management: Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Statewide Summary:
Triticale Silage Yields, 2013-2014 with Two- and Three-Year Averages

	Yield																	
	South[1]						North[2]						Statewide					
	2014		2-Yr Average		3-Yr Average		2014		2-Yr Average		3-Yr Average		2014		2-Yr Average		3-Yr Average	
Brand-Variety	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry
	tons/acre																	
Arcia	**22.5**	4.5	.	.	.	.	15.1	3.8	.	.	.	.	**18.8**	4.1	.	.	.	.
FL01008	**22.3**	5.9	**16.8**	**5.1**	**14.3**	**4.4**	15.4	**4.4**	**10.8**	**3.1**	**9.1**	**2.4**	**18.8**	5.1	13.8	**4.1**	11.7	**3.4**
FL01143	**22.7**	5.4	**17.4**	**5.1**	**15.0**	**4.5**	**16.9**	**4.0**	**12.2**	**3.0**	**10.1**	**2.4**	**19.8**	4.7	**14.8**	**4.1**	**12.6**	**3.4**
Monarch	**22.9**	5.2	**15.8**	**4.3**	**13.9**	**3.8**	15.6	3.7	**11.4**	**2.7**	**9.7**	**2.2**	**19.3**	4.4	13.6	3.5	11.8	3.0
NC07-1031	**22.5**	4.9	.	.	.	.	15.9	3.5	.	.	.	.	**19.2**	4.2	.	.	.	.
NC07-1088	**23.6**	4.9	**18.1**	**4.7**	.	.	15.6	3.6	**11.4**	**2.6**	.	.	**19.6**	4.2	**14.8**	3.7	.	.
NC08-26	**22.2**	4.6	**17.5**	**4.6**	.	.	13.4	3.0	**10.4**	**2.4**	.	.	**17.8**	3.8	14.0	3.5	.	.
NF 96210	**20.6**	4.6	.	.	.	.	16.7	3.2	.	.	.	.	**18.6**	3.9	.	.	.	.
SS Triticale 1414	**21.6**	5.7	.	.	.	.	**17.5**	3.5	.	.	.	.	**19.5**	4.6	.	.	.	.
Trical 342	**24.5**	**6.8**	**18.5**	**5.7**	**15.6**	**4.8**	**18.2**	**4.3**	**13.0**	**3.1**	**10.8**	**2.5**	**21.3**	**5.6**	**15.7**	**4.4**	**13.2**	**3.6**
Average																		
Average	22.5	5.3	17.4	4.9	14.7	4.4	16.0	3.7	11.5	2.8	9.9	2.4	19.3	4.5	14.5	3.9	12.3	3.4
LSD at 10% Level	N.S.[3]	0.6	N.S.	N.S.	N.S.	N.S.	1.4	0.5	N.S.	N.S.	N.S.	N.S.	N.S.	0.4	0.9	0.3	0.6	0.2
Std. Err. of Entry Mean	0.8	0.3	0.7	0.3	0.5	0.2	0.6	0.2	0.2	0.1	0.2	0.1	0.7	0.2	0.4	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, 2013-2014

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	12-11-13	02-06-14	03-11-14	04-11-14	2014	2-Yr Avg
	lb/acre					
SS 76-50	1742	**2134**	**3158**	2777	**9811**	**7808**
NF27	1721	1677	**3294**	**3038**	**9729**	**8094**
NF95418	1722	1815	**3228**	2944	**9709**	**8192**
Okay	**2091**	1906	**3001**	2603	**9600**	.
TX10CAS581	1764	1862	**3050**	2505	9182	.
Cosaque*	**2026**	1525	2611	2919	9080	.
RAM LA99016	1601	1590	2639	**3234**	9064	7341
TX09CS031	1416	1851	**2877**	2842	8986	.
LA07048-28	1568	1590	2699	**3093**	8950	.
LA07048-19	1732	1302	2777	**3126**	8936	.
LA02065-88	1721	1481	2568	**3093**	8863	.
TX09CS1029	1710	1797	2621	2559	8687	.
TX10CAS279	1863	1372	2310	**3093**	8637	.
FL0720-R5	**2135**	1285	2332	2799	8550	.
LA06046SS-N2-Ab2	1830	1176	2578	2951	8535	.
FL0720-R6	1982	1318	2396	2625	8320	.
FL03254-L1	1840	1285	2406	2668	8199	.
FL0567-L1	**2254**	773	2166	2799	7992	.
LA07007-68	**2102**	327	1877	2755	7060	6634
FL0772-R3	**2107**	207	1122	1906	5342	.
Average	1846	1414	2585	2816	8662 [1]	7614
LSD at 10% Level	317	171	461	278	578	404
Std. Err. of Entry Mean	134	72	195	118	244	167

* Black oat.

1. C.V. = 5.6%, and df for EMS = 57.

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

Planted: October 17, 2013.
Seeding Rate: 30 seed per foot in 70-inch rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 5.3.
Fertilization: Preplant: 46 lb N, 0 lb P_2O_5, and 46 lb K_2O/acre.
Topdress: 40 lb N/acre after first, second, and third harvests.
Management: Disked, moldboard plowed, and rototilled; 1,000 lb lime/acre applied.
Previous Crop: Summer annuals.

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

Plains, Georgia:
Oat Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	01-23-14	02-25-14	04-01-14	2014	2-Yr Avg
	lb/acre				
TX09CS031	1742	**1285**	**3413**	**6440**	.
LA07048-28	2091	**1361**	**2981**	**6433**	.
TX09CS1029	**2407**	**1253**	2724	**6383**	.
Okay	1873	**1481**	**2984**	**6338**	.
TX10CAS581	1960	**1525**	2757	**6242**	.
NF95418	1942	**1369**	2912	**6223**	.
LA02065-88	1862	**1547**	2811	**6219**	.
NF27	2084	**1405**	2658	**6147**	.
Cosaque*	**2646**	**1318**	2168	**6132**	.
RAM LA99016	**2439**	1089	2552	**6080**	**6155**
SS 76-50	2004	**1330**	2707	**6041**	5801
LA07048-19	1753	**1460**	2536	5748	.
TX10CAS279	1677	**1383**	2591	5652	.
FL0720-R6	2287	512	2420	5219	.
FL03254-L1	1699	686	2826	5211	.
LA06046SS-N2-Ab2	1786	730	2616	5132	.
LA07007-68	1634	283	2968	4885	5223
FL0720-R5	1982	436	1795	4213	.
FL0567-L1	1830	348	1836	4014	.
FL0772-R3	969	0 [1]	0 [1]	969	.
Average	1933	1040	2513	5486 [2]	5726
LSD at 10% Level	335	323	469	498	319
Std. Err. of Entry Mean	142	136	198	210	179

* Black oat.

1. This variety was severely affected by extreme cold temperatures after first harvest.
2. C.V. = 7.7%, and df for EMS = 57.

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

Planted: October 31, 2013.
Seeding Rate: 30 seed per foot in 7-inch rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K = High, and pH = 6.4.
Fertilization: Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
Topdress: 80 lb N/acre and 40 lb N/acre after first and second harvest.
Management: Disked and rototilled.
Previous Crop: Cotton.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Griffin, Georgia:
Oat Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield				Cold Damage[1]	Plant Stand[2]
	Harvest Date		Season Totals			
	03-11-14	04-11-14	2014	2-Yr Avg		
	lb/acre				%	%
NF95418	2222	**4203**	**6425**	**11794**	24	70
NF27	**2715**	3535	**6250**	**10555**	31	86
Okay	**2941**	3260	**6201**	.	24	89
TX10CAS581	1914	**3824**	5738	.	19	76
SS 76-50	1814	**3821**	5635	**10370**	21	76
Cosaque*	1749	3460	5209	.	23	92
RAM LA99016	1726	3264	4990	**11642**	33	85
LA07048-28	1458	3528	4986	.	23	75
LA07048-19	1408	3461	4869	.	29	77
LA02065-88	1480	3319	4799	.	21	89
TX09CS031	1362	3434	4796	.	20	87
TX10CAS279	1454	3336	4789	.	20	81
TX09CS1029	1665	2937	4602	.	25	89
FL0720-R6	1864	2280	4144	.	66	87
FL0720-R5	1282	2569	3851	.	66	79
LA06046SS-N2-Ab2	1051	2472	3522	.	61	77
FL03254-L1	925	2139	3065	.	70	72
LA07007-68	618	2036	2654	**8635**	80	89
FL0567-L1	1173	1296	2469	.	91	67
FL0772-R3	519	773	1292	.	96	21
Average	1567	2947	4514[3]	10599	42	78
LSD at 10% Level	583	652	628	N.S.[4]	-	-
Std. Err. of Entry Mean	247	276	266	413	-	-

* Black oat.

1. Percent foliage damage due to extreme cold temperatures (5° F on January 30, 2014).
2. Percent stand on April 11, 2014.
3. C.V. = 11.8%, and df for EMS = 57.
4. 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).

Planted: October 3, 2013.
Seeding Rate: 30 seed per foot in 7-inch rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.5.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after first harvest.
Management: Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.
Previous Crop: Wheat.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Marianna, Florida:
Oat Forage Performance, 2013-2014

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	01-27-14	02-25-14	03-28-14	04-28-14	2014	2-Yr Avg
	lb/acre					
NF95418	189	**1451**	**4286**	493	**6418**	.
LA07007-68	**688**	**1161**	3046	**1264**	**6159**	**6268**
RAM LA99016	92	**1585**	3888	572	**6136**	**5627**
FL03254-L1	566	**1439**	3060	935	**5999**	.
LA02065-88	143	**1372**	3663	791	**5969**	.
FL0720-R5	**761**	**1440**	2651	1022	5874	.
NF27	122	**1195**	**4000**	441	5758	.
FL0720-R6	**821**	**1369**	2596	952	5738	.
LA07048-28	149	**1447**	3359	706	5659	.
FL0772-R3	**839**	**1128**	2483	**1206**	5657	.
TX10CAS581	261	**1486**	3590	300	5636	.
TX09CS031	137	**1270**	3407	821	5635	.
LA06046SS-N2-Ab2	293	**1354**	3021	762	5429	.
TX10CAS279	155	**1257**	3456	512	5379	.
TX09CS1029	248	**1254**	3103	714	5318	.
LA07048-19	224	**1274**	3394	415	5306	.
Cosaque*	263	**1250**	3102	632	5247	.
Okay	110	**1431**	3409	285	5235	.
FL0567-L1	**810**	**1331**	2346	728	5214	.
Average	361	1342	3256	713	5672[1]	5948
LSD at 10% Level	184	N.S.[2]	336	212	466	N.S.
Std. Err. of Entry Mean	78	101	142	90	197	147

* Black oat.

1. C.V. = 6.9%, and df for EMS = 54.
2. 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).

Planted: October 23, 2013.
Seeding Rate: 30 seed per foot in 7-inch rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 5.7.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, 20 lb K_2O and 28 lb S/acre.
Topdress: 50 lb N/acre after first, second, and third 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 Yields, 2013-2014
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg
	lb/acre											
Cosaque*	9080	.	.	**6132**	.	.	5209	.	.	6807	.	.
FL03254-L1	8199	.	.	5211	.	.	3065	.	.	5492	.	.
FL0567-L1	7992	.	.	4014	.	.	2469	.	.	4825	.	.
FL0720-R5	8550	.	.	4213	.	.	3851	.	.	5538	.	.
FL0720-R6	8320	.	.	5219	.	.	4144	.	.	5894	.	.
FL0772-R3	5342	.	.	969	.	.	1292	.	.	2534	.	.
LA02065-88	8863	.	.	**6219**	.	.	4799	.	.	6627	.	.
LA06046SS-N2-Ab2	8535	.	.	5132	.	.	3522	.	.	5730	.	.
LA07007-68	7060	6634	.	4885	5223	.	2654	**8635**	.	4866	**6830**	.
LA07048-19	8936	.	.	5748	.	.	4869	.	.	6518	.	.
LA07048-28	8950	.	.	**6433**	.	.	4986	.	.	6790	.	.
NF27	**9729**	**8094**	**7975**	**6147**	.	.	**6250**	**10555**	**9896**	**7375**	.	.
NF95418	**9709**	**8192**	**8126**	**6223**	.	.	**6425**	**11794**	**10630**	**7452**	.	.
Okay	**9600**	.	.	**6338**	.	.	**6201**	.	.	**7380**	.	.
RAM LA99016	9064	7341	7233	**6080**	**6155**	**6983**	4990	**11642**	**10689**	6711	**8379**	**8302**
SS 76-50	**9811**	**7808**	7519	**6041**	5801	**6950**	5635	**10370**	**9628**	**7162**	**7993**	**8032**
TX09CS031	8986	.	.	**6440**	.	.	4796	.	.	6741	.	.
TX09CS1029	8687	.	.	**6383**	.	.	4602	.	.	6557	.	.
TX10CAS279	8637	.	.	5652	.	.	4789	.	.	6359	.	.
TX10CAS581	9182	.	.	**6242**	.	.	5738	.	.	**7054**	.	.
Average	8662	7614	7713	5486	5726	6967	4514	10599	10210	6221	7734	8167
LSD at 10% Level	578	404	304	498	319	N.S.[1]	628	N.S.	N.S.	642	N.S.	N.S.
Std. Err. of Entry Mean	244	167	126	210	179	130	266	413	284	139	146	103

* Black oat.

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, 2013-2014

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	12-11-13	02-06-14	03-11-14	04-11-14	2014	2-Yr Avg
	lb/acre					
TAMTBO	1187	**1655**	**3740**	**4233**	**10815**	**8234**
ME4	**1430**	1580	3272	**4405**	**10686**	**8201**
TetraStar	**1438**	**1819**	3458	**3953**	**10667**	**8197**
Big Boss	1318	**1753**	3436	**4050**	**10557**	.
RM exp. 2013A	1252	**1862**	3437	3891	**10442**	.
FL Red 4x ER	1329	**1830**	**3860**	3424	**10442**	.
Nelson	**1568**	**1884**	3161	3695	**10308**	**7870**
Early Ploid	1372	**1851**	**4039**	3032	**10294**	.
Attain	**1430**	**1856**	2930	**4060**	**10276**	.
Fria	1307	1579	**3655**	3708	**10249**	**7650**
Marshall	1242	1579	3107	**4224**	**10151**	**7623**
Chuckwagon	1329	**1841**	3089	3854	**10113**	**8056**
Prine	1252	**1753**	3120	**3968**	**10093**	.
ME-94	1165	1557	3295	**4027**	**10045**	**7843**
FL4XMarona	1198	**1786**	**3981**	3063	10027	.
M2CVS	**1623**	1525	2940	**3931**	10019	**7427**
Passerel Plus	**1448**	**1764**	3125	3635	9972	**7447**
Diamond T	**1436**	**1753**	2907	3855	9950	**7817**
GA-103 F	1351	**1775**	3489	3273	9887	.
GA-102 A	1209	**1786**	3253	3575	9824	.
Lonestar	**1568**	**1754**	2930	3551	9802	**7695**
FL SME	1133	**1858**	**3848**	2939	9778	.
RM exp. 2013B	1318	**1775**	3018	3531	9641	.
Maximus	1383	**1666**	2875	3707	9631	**7484**
Flying A	**1742**	**1623**	2597	3623	9585	**7601**
FL4XMarmid	1111	1557	**3615**	3302	9584	.
Jackson	1176	1448	3361	3540	9526	**7584**
DH-3	1372	**1677**	3056	3404	9509	**7738**
Winterhawk	1078	1416	3309	3700	9502	**7385**
SARG-KOWE	1296	1394	3214	3440	9343	.
Ed	1242	**1775**	2792	3455	9263	.
FL PEER	828	**1699**	**3582**	2920	9028	.
FL ER	1089	**1764**	3486	2674	9013	.
SARG-KOSP	1100	**1634**	3272	2887	8892	.
GA-101 M	1350	1383	2356	3650	8740	.
FL SER	1187	1590	3144	2524	8445	.
Bulldog Grazer	632	1567	3025	3186	8410	**7256**
Average	1283	1686	3264	3564	9797 [1]	7728
LSD at 10% Level	322	269	482	486	778	N.S.[2]
Std. Err. of Entry Mean	137	114	206	208	332	226

Tifton, Georgia:
Ryegrass Forage Performance, 2013-2014 (Continued)

1. C.V. = 6.8%, and df for EMS = 108.
2. 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).

Planted: October 17, 2013.
Seeding Rate: 50 lb per acre in 7-inch rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 5.3.
Fertilization: Preplant: 46 lb N, 0 lb P_2O_5, and 46 lb K_2O/acre.
Topdress: 40 lb N/acre after first, second, and third harvests.
Management: Disked, moldboard plowed, and rototilled; 1,000 lb lime/acre applied.
Previous Crop: Summer annuals.

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

Plains, Georgia:
Ryegrass Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	01-23-14	02-25-14	04-01-14	2014	2-Yr Avg
	lb/acre				
ME4	**1502**	**2244**	**4763**	**8508**	**8012**
Fria	1195	**2273**	**4698**	**8165**	**7633**
Lonestar	1307	**1971**	**4786**	**8064**	**7917**
TAMTBO	1133	**1743**	**5147**	**8022**	**7932**
M2CVS	**1459**	**1688**	**4823**	**7971**	**7739**
Ed	1307	**1982**	**4673**	**7961**	.
Marshall	**1329**	**1819**	**4729**	7876	**8120**
ME-94	1253	**1971**	**4609**	7833	**7835**
SARG-KOSP	**1448**	**2069**	4306	7823	.
Jackson	1155	**1514**	**5069**	7737	**7690**
DH-3	1122	**1923**	**4624**	7669	**7404**
Prine	**1470**	**2058**	4133	7662	.
FL4XMarmid	958	**2276**	4413	7647	.
Nelson	**1383**	**1808**	4428	7619	**7668**
Winterhawk	1165	**1960**	4489	7614	**7303**
TetraStar	1176	**1601**	**4811**	7588	**7304**
GA-102 A	1282	**2157**	4139	7577	.
FL Red 4x ER	**1329**	**1645**	**4589**	7562	.
RM exp. 2013A	1427	**1993**	4119	7538	.
Big Boss	**1481**	**1470**	4555	7506	.
FL4XMarona	1263	**2015**	4202	7479	.
Passerel Plus	**1568**	**1645**	4236	7449	**7416**
Flying A	1144	**1775**	4484	7402	**7200**
Diamond T	1274	**1699**	4340	7313	**7328**
GA-101 M	1023	**1383**	**4824**	7230	.
GA-103 F	915	**1655**	**4593**	7164	.
FL PEER	871	**1666**	4576	7113	.
SARG-KOWE	629	**2015**	4461	7104	.
Attain	**1612**	**1721**	3740	7073	.
RM exp. 2013B	1231	**1623**	4163	7016	.
Maximus	**1723**	**1438**	3830	6990	**7419**
Early Ploid	1024	**1895**	4038	6957	.
Chuckwagon	1024	**2058**	3630	6712	**7222**
FL SME	1144	**1873**	3465	6482	.
Bulldog Grazer	273	**1688**	4146	6106	**6585**
FL ER	926	**1917**	3216	6058	.
FL SER	1176	**1645**	3213	6033	.
Average	1208	1834	4353	7395 [1]	7540
LSD at 10% Level	399	N.S.[2]	566	622	N.S.
Std. Err. of Entry Mean	170	215	242	265	165

Plains, Georgia:
Ryegrass Forage Performance, 2013-2014 (Continued)

1. C.V. = 7.2%, and df for EMS = 108.
2. 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).

Planted:	October 31, 2013.
Seeding Rate:	50 lb per acre in 7-inch rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = High, K = High, and pH = 6.4.
Fertilization:	Preplant: 15 lb N, 66 lb P_2O_5, and 18 lb K_2O/acre.
	Topdress: 80 lb N/acre and 40 lb N/acre after first and second harvest.
Management:	Disked and rototilled.
Previous Crop:	Cotton.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Griffin, Georgia:
Ryegrass Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	03-24-14	04-02-14	05-08-14	2014	2-Yr Avg
	lb/acre				
ME4	**1984**	4512	**6530**	**13025**	**15386**
ME-94	1265	**5466**	**5851**	**12582**	14448
Winterhawk	**2039**	4430	**5995**	**12463**	**14698**
GA-101 M	1344	4652	**6290**	**12285**	.
Marshall	1292	4485	**6041**	11818	**15505**
Lonestar	**1759**	3794	**6161**	11714	**15012**
Fria	**1710**	4279	5694	11683	14200
Prine	1088	4229	**6138**	11455	.
Nelson	789	4487	**6154**	11430	14563
FL PEER	1040	4408	**5956**	11404	.
SARG-KOSP	1093	4864	5306	11263	.
Jackson	1405	4114	5632	11151	14311
M2CVS	1347	4068	5707	11122	14314
RM exp. 2013A	1274	4046	5801	11120	.
RM exp. 2013B	830	4024	6252	11106	.
Ed	1399	4051	5583	11032	.
SARG-KOWE	875	4095	6016	10986	.
Flying A	**1822**	3694	5454	10970	13077
Attain	1060	4279	5611	10949	.
GA-102 A	1275	4047	5603	10925	.
Bulldog Grazer	727	4156	5814	10696	12409
FL4XMarmid	812	4432	5428	10672	.
DH-3	1377	4039	5256	10671	13486
Maximus	745	3682	6221	10648	13577
GA-103 F	1255	3946	5343	10543	.
Chuckwagon	967	3681	5856	10505	13708
Early Ploid	1256	3824	5210	10290	.
Diamond T	1002	3399	5836	10236	12512
Big Boss	1023	3354	5848	10225	.
TetraStar	946	3534	5684	10164	12590
Passerel Plus	1317	3381	5221	9919	12397
TAMTBO	925	3538	5391	9854	13596
FL Red 4x ER	908	3922	4962	9792	.
FL SME	1216	3408	4926	9550	.
FL ER	1044	3114	4874	9032	.
FL4XMarona	781	3645	4542	8968	.
FL SER	873	2722	4559	8154	.
Average	1185	3995	5642	10822 [1]	13877
LSD at 10% Level	413	519	691	1007	918
Std. Err. of Entry Mean	176	221	294	429	391

Griffin, Georgia:
Ryegrass Forage Performance, 2013-2014
(Continued)

1. C.V. = 7.9%, and df for EMS = 108.

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

Planted:	October 23, 2013.
Seeding Rate:	50 lb per acre in 7-inch rows.
Soil Type:	Appling sandy loam.
Soil Test:	P = High, K = Very High, and pH = 6.2.
Fertilization:	Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
	Topdress: 50 lb N/acre after first and second harvests.
Management:	Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.
Previous Crop:	Wheat.

Test conducted by J. Gassett, G. Ware, and H. Jordan.

Calhoun, Georgia:
Ryegrass Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield						Survival
	Harvest Date				Season Totals		
	03-11-14	04-03-14	05-08-14	06-16-14	2014	2-Yr Avg	
	lb/acre						%
Marshall	**2170**	**2833**	3362	3280	**11645**	**15136**	82
ME-94	1704	**2725**	**3694**	3423	**11546**	**14611**	80
Big Boss	1067	2185	**4207**	**3846**	**11305**	.	77
Attain	1091	2158	**4210**	**3753**	**11212**	.	78
M2CVS	1514	**2962**	**3713**	2990	**11179**	13730	83
RM exp. 2013A	1146	1999	**4031**	**3981**	**11157**	.	75
Winterhawk	**1950**	2497	**3423**	3213	**11084**	**14941**	77
FL PEER	1505	2106	**4094**	3263	**10968**	.	70
Diamond T	1067	2286	**3947**	**3607**	**10907**	**14059**	85
RM exp. 2013B	1164	1866	**3802**	**4008**	**10840**	.	80
Chuckwagon	1384	2256	3268	**3865**	**10773**	13503	73
TAMTBO	1241	1993	**3961**	**3532**	**10727**	13784	85
ME4	**1978**	**2650**	3110	2944	**10682**	**14732**	80
Fria	1442	2358	**3739**	3088	**10627**	**14353**	72
Ed	1467	2004	**3697**	**3440**	**10608**	.	77
Nelson	1268	1881	**4114**	3336	**10600**	**14502**	78
GA-102 A	1139	2087	**4030**	3310	**10566**	.	82
Prine	1300	2260	**3482**	**3498**	**10540**	.	80
Jackson	1692	2542	3261	2990	**10485**	14010	70
Flying A	1496	2031	**3545**	**3372**	**10443**	13215	67
Bulldog Grazer	1029	2441	**3652**	3012	10134	12189	75
Lonestar	1434	2234	**3620**	2729	10018	13541	75
FL SME	1179	1826	**3848**	3153	10006	.	75
Maximus	934	2162	**3437**	3270	9803	13424	72
SARG-KOWE	1142	2483	3282	2888	9794	.	75
Early Ploid	1148	1700	**3766**	3043	9658	.	83
GA-101 M	1532	2355	2886	2700	9473	.	70
DH-3	1227	2409	3187	2561	9385	13040	75
SARG-KOSP	1440	2058	3110	2484	9092	.	80
TetraStar	849	1880	**3470**	2830	9029	12462	75
FL Red 4x ER	1154	1808	3194	2845	9001	.	60
GA-103 F	1238	1902	2878	2691	8709	.	62
FL ER	1029	1490	2939	3054	8512	.	80
Passerel Plus	1309	2041	2424	2517	8292	11958	65
FL SER	578	1232	2582	2699	7090	10746	78
Average	1315	2163	3513	3178	10168 [1]	13576	76
LSD at 10% Level	286	354	835	650	1436	1114	8.8
Std. Err. of Entry Mean	121	150	354	276	609	474	3.7

Calhoun, Georgia:
Ryegrass Forage Performance, 2013-2014
(Continued)

1. C.V. = 10.4%, and df for EMS = 68.

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

Planted:	October 10, 2013.
Seeding Rate:	50 lb per acre in 7-inch rows.
Soil Type:	Rome gravelly loam.
Soil Test:	P = Very 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 first, second, and third harvests.
Management:	Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.
Previous Crop:	Fallow.

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

Marianna, Florida:
Ryegrass Forage Performance, 2013-2014

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	02-18-14	03-21-14	04-22-14	2014	2-Yr Avg
	lb/acre				
Early Ploid	**771**	**4277**	3669	**8717**	.
FL SER	**870**	**4307**	3337	**8514**	**8622**
FL SME	480	**4618**	3250	**8348**	.
FL4XMarmid	671	**4291**	3200	**8162**	.
FL ER	542	**4275**	3338	**8155**	.
Lonestar	534	4101	3444	**8078**	**8425**
FL Red 4x ER	**936**	3894	3182	8011	.
Marshall	244	3436	**4248**	7928	**8371**
TetraStar	**737**	3608	3531	7875	**8374**
M2CVS	182	3636	**4010**	7827	7805
FL4XMarona	**764**	3773	3272	7809	.
Jumbo	392	3713	3700	7805	**8432**
RM exp. 2013A	**726**	3596	3474	7795	.
GA-102 A	640	3684	3421	7745	.
Jackson	219	3838	3632	7689	**8211**
SARG-KOSP	291	3783	3614	7687	.
GA-103 F	485	3926	3260	7671	.
Nelson	554	3331	3763	7648	**8580**
Prine	434	3263	**3904**	7601	.
ME4	201	3522	3847	7569	**8114**
DH-3	316	3624	3503	7442	7777
Fria	206	3818	3413	7436	7733
Flying A	435	3787	3159	7381	7181
TAMTBO	501	3422	3425	7349	**8200**
SARG-KOWE	187	3672	3490	7348	.
Ed	336	3888	3097	7321	.
ME-94	324	3693	3270	7287	7764
Big Boss	664	3289	3307	7260	.
RM exp. 2013B	**738**	3223	3279	7240	.
GA-101 M	159	3511	3542	7212	.
Attain	634	3267	3294	7195	.
Winterhawk	186	3640	3362	7189	7491
Chuckwagon	440	3294	3365	7099	**8160**
Diamond T	625	3213	3260	7099	**7977**
Passerel Plus	452	3300	3343	7094	7640
FL PEER	248	3488	3315	7051	.
Bulldog Grazer	136	3303	3400	6839	7220
Average	466	3684	3457	7607 [1]	8004
LSD at 10% Level	262	459	353	696	658
Std. Err. of Entry Mean	111	196	151	297	280

Marianna, Florida:
Ryegrass Forage Performance, 2013-2014
(Continued)

1. C.V. = 7.8%, and df for EMS = 108.

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

Planted:	October 23, 2013.
Seeding Rate:	50 lb per acre in 7-inch rows.
Soil Type:	Chipola loamy sand.
Soil Test:	P = Medium, K = High, and pH = 5.7.
Fertilization:	Preplant: 30 lb N, 0 lb P_2O_5, 20 lb K_2O, and 28 lb S/acre.
	Topdress: 50 lb N/acre after first and second 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 Yields, 2013-2014
with Two- and Three-Year Averages

	Dry Forage Yield														
	Tifton			Plains			Griffin			Calhoun			Statewide		
Brand-Variety	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg
	lb/acre														
Attain	**10276**	.	.	7073	.	.	10949	.	.	**11212**	.	.	9877	.	.
Big Boss	**10557**	.	.	7506	.	.	10225	.	.	**11305**	.	.	9898	.	.
Bulldog Grazer	8410	**7256**	**6954**	6106	**6585**	7351	10696	12409	13455	**10134**	12189	**12216**	8837	9610	9994
Chuckwagon	**10113**	**8056**	.	6712	**7222**	.	10505	13708	.	**10773**	13503	.	9525	10622	.
DH-3	9509	**7738**	**6948**	7669	**7404**	8146	10671	13486	13448	**9385**	13040	**13048**	9308	10417	10398
Diamond T	9950	**7817**	**7029**	7313	**7328**	8011	10236	12512	13298	**10907**	14059	**14374**	9601	10429	10678
Early Ploid	**10294**	.	.	6957	.	.	10290	.	.	**9658**	.	.	9299	.	.
Ed	9263	.	.	7961	.	.	11032	.	.	**10608**	.	.	9716	.	.
FL ER	9013	.	.	6058	.	.	9032	.	.	**8512**	.	.	8154	.	.
FL PEER	9028	.	.	7113	.	.	11404	.	.	**10968**	.	.	9628	.	.
FL Red 4x ER	**10442**	.	.	7562	.	.	9792	.	.	**9001**	.	.	9199	.	.
FL SER	8445	.	.	6033	.	.	8154	.	.	**7090**	10746	.	7431	.	.
FL SME	9778	.	.	6482	.	.	9550	.	.	**10006**	.	.	8954	.	.
FL4XMarmid	9584	.	.	7647	.	.	10672	.	.	.	.	.	.	.	.
FL4XMarona	**10027**	.	.	7479	.	.	8968	.	.	.	.	.	.	.	.
Flying A	9585	**7601**	**6793**	7402	**7200**	8143	10970	13077	13386	**10443**	13215	**13408**	9600	10273	10432
Fria	**10249**	**7650**	**6826**	**8165**	**7633**	8248	11683	14200	14094	**10627**	14353	**14073**	**10181**	10959	10810
GA-101 M	8740	.	.	7230	.	.	**12285**	.	.	**9473**	.	.	9432	.	.
GA-102 A	9824	.	.	7577	.	.	10925	.	.	**10566**	.	.	9723	.	.
GA-103 F	9887	.	.	7164	.	.	10543	.	.	**8709**	.	.	9076	.	.
Jackson	9526	**7584**	**6928**	7737	**7690**	8337	11151	14311	13922	**10485**	14010	**13632**	9725	10899	10704
Lonestar	9802	**7695**	.	**8064**	**7917**	.	11714	**15012**	**15446**	**10018**	13541	.	9899	11041	.
M2CVS	10019	**7427**	**6885**	**7971**	**7739**	8390	11122	14314	.	**11179**	13730	**13946**	**10073**	10802	.
ME-94	**10045**	**7843**	**7071**	7833	**7835**	8264	**12582**	14448	.	**11546**	**14611**	**14436**	**10501**	11184	.
ME4	**10686**	**8201**	**7734**	**8508**	**8012**	8435	**13025**	**15386**	**15398**	**10682**	**14732**	**14571**	**10725**	**11583**	**11534**
Marshall	**10151**	**7623**	**7019**	7876	**8120**	**8810**	11818	**15505**	**15205**	**11645**	**15136**	**14469**	**10372**	**11596**	**11375**
Maximus	9631	**7484**	.	6990	**7419**	.	10648	13577	13560	**9803**	13424	.	9268	10476	.
Nelson	**10308**	**7870**	**7235**	7619	**7668**	**8486**	11430	14563	14475	**10600**	14502	**13978**	9989	11151	11044
Passerel Plus	9972	**7447**	**6735**	7449	**7416**	7932	9919	12397	13156	**8292**	11958	.	8908	9804	.
Prine	**10093**	.	.	7662	.	.	11455	.	.	**10540**	.	.	9937	.	.
RM exp. 2013A	**10442**	.	.	7538	.	.	11120	.	.	**11157**	.	.	**10064**	.	.
RM exp. 2013B	9641	.	.	7016	.	.	11106	.	.	**10840**	.	.	9651	.	.
SARG-KOSP	8892	.	.	7823	.	.	11263	.	.	**9092**	.	.	9267	.	.
SARG-KOWE	9343	.	.	7104	.	.	10986	.	.	**9794**	.	.	9307	.	.
TAMTBO	**10815**	**8234**	**7378**	**8022**	**7932**	**8469**	9854	13596	14553	**10727**	13784	**13931**	9855	10886	11083
TetraStar	**10667**	**8197**	.	7588	**7304**	.	10164	12590	13117	**9029**	12462	.	9362	10138	.
Winterhawk	9502	**7385**	**6728**	7614	**7303**	7818	**12463**	**14698**	**14684**	**11084**	**14941**	**14165**	**10166**	11082	10849
Average	9797	7728	7019	7395	7540	8203	10822	13877	14080	10168	13576	13865	9557	10720	10809
LSD at 10% Level	778	N.S.[1]	N.S.	622	N.S.	381	1007	918	809	N.S.	1114	N.S.	730	380	329
Std. Err. of Entry Mean	332	226	181	265	165	162	429	391	345	609	474	423	202	163	141

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 2013-2014 Small Grain Performance Tests

Crop	Variety – Seed Source
Wheat	- **AGS** - AGSouth Genetics, LLC, PO Box 72246, Albany, GA 31708.
	- **Coker 9700 and SX101** - Syngenta Seeds, Inc., 778 CR 680, Bay, AR 72411.
	- **Dyna-Gro Baldwin and Oglethorpe** - Dyna-Gro Seed, 6221 Riverside Drive, Suite One, Dublin, OH 43017.
	- **Endurance and NF95134A** - Oklahoma Foundation Seed, 2902 W. 6th Avenue, Stillwater, OK 74074.
	- **Fleming, GA-Gore, and Roberts** - Georgia Seed Development Commission, 2420 S. Milledge Avenue, Athens, GA 30605.
	- **GA** - University of Georgia - Griffin Campus, Crop & Soil Sciences Dept., 1109 Experiment Street, Griffin, GA 30223-1797.
	- **Jamestown, VA08MAS-369, and VA10W-123** - Virginia Tech/EVAREC, 2229 Menokin Road, Warsaw, VA 22572.
	- **LA** - Louisiana State University, SPESS, 221 M.B. Sturgis Hall, Baton Rouge, LA 70803-2110.
	- **LA754, LA821, LA841, and TV** - Terral Seed Inc., 111 Ellington Drive, Rayville, LA 71269.
	- **L-Brand** - Limagrain Cereal Seeds, 257 E. Hail, Bushnell, IL 61422.
	- **NC** - North Carolina State University, 840 Method Road, Unit 3, Box 7629, Raleigh, NC 27695.
	- **Pioneer** - Dupont Pioneer, 59 Greif Parkway, Suite 200, Delaware, OH 43015.
	- **P and PGX** - Progeny Ag Products, 1529 Highway 193 South, Wynne, AR 72396.
	- **SS** - Southern States Coop, 129 Strickland Hinton Road, Zebulon, NC 27597.
	- **USG** - UniSouth Genetics, Inc., 3205-C Highway 46 South, Dickson, TN 37055.
Triticale	- **Arcia and NC** - North Carolina State University, 840 Method Road, Unit 3, Box 7629, Raleigh, NC 27695.
	- **FL** - University of Florida, 155 Research Road, Quincy, FL 32351.
	- **Monarch and Trical 342** - Syngenta Seeds, Inc., 8416 Highway 903 North, Ayden, NC 28513.
	- **NF 96210** - Oklahoma Foundation Seed, 2902 W. 6th Avenue, Stillwater, OK 74704.
	- **SS** - Southern States Coop, 129 Strickland Hinton Road, Zebulon, NC 27597.
Rye	- **Bates** - Athens Seed Co., PO Box 387, Watkinsville, GA 30677.
	- **Elbon, Maton, Maton II, and Oklon** - Oklahoma Foundation Seed, 2902 W. 6th Avenue, Stillwater, OK 74074.
	- **FL and Florida** - University of Florida, 155 Research Road, Quincy, FL 32351.
	- **Wrens Abruzzi** - Georgia Seed Development Commission, 2420 S. Milledge Avenue, Athens, GA 30605.

Sources of Seed
for the 2013-2014 Small Grain Performance Tests (Continued)

Crop	Variety – Seed Source

Oat

- **Cosaque** - Resaca Sun Feeds, LLC, 1022 Fite Bend Road NE, Resaca, GA 30735.
- **FL and LA06046SS-N2-Ab2** - University of Florida, 155 Research Road, Quincy, FL 32351.
- **Gerard** - Gerard Seed Company, 1041 E. 4th Street, Washington, NC 27889.
- **Horizon –** Plantation Seed Conditioners, PO Box 398, Newton, GA 39870.
- **LA** - Louisana State University, SPESS, 221 M.B. Sturgis Hall, Baton Rouge, LA 70803-2110.
- **NC** - North Carolina State University, 840 Method Road, Unit 3, Box 7629, Raleigh, NC 27695.
- **NF27 and Okay** - Oklahoma Foundation Seed, 2902 W. 6th Avenue, Stillwater, OK 74074.
- **NF95418** - The Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401.
- **RAM** - Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454.
- **SS** - Southern States Coop, 129 Strickland Hinton Road, Zebulon, NC 27597.
- **TX** - Texas A&M University, 2747 TAMUS, 370 Olsen Blvd., College Station, TX 77843-2474.

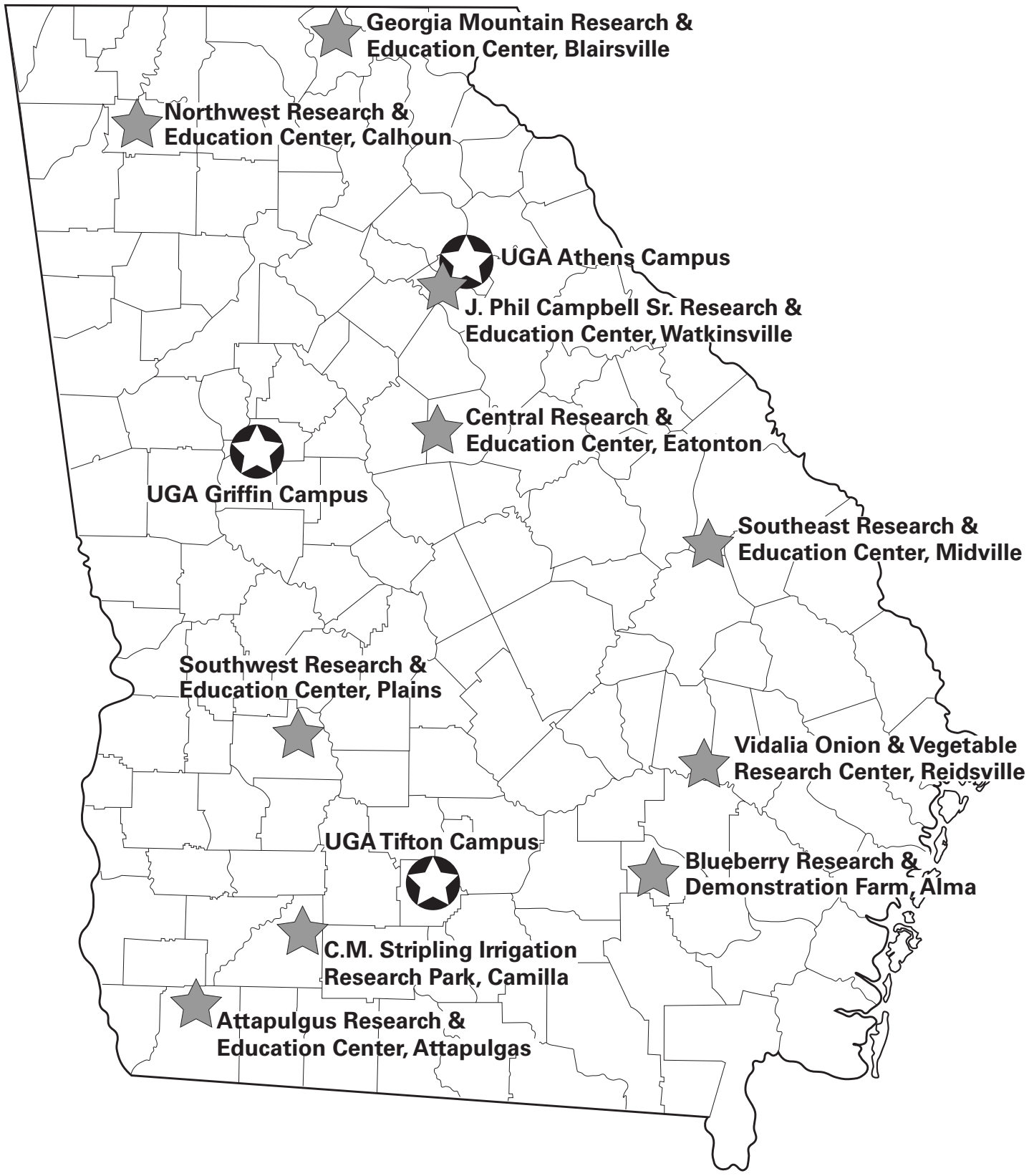
Barley

- **Atlantic, Price, Thoroughbred, and VA** - Virginia Tech/EVAREC, 2229 Menokin Road, Warsaw, VA 22572.

Ryegrass

- **Attain, Big Boss, Ed, and SARG** - Smith Seed Service, PO Box 288, Halsey, OR 97348.
- **Bulldog Grazer** - Athens Seed Company, PO Box 387, Watkinsville, GA 30677.
- **Chuckwagon** - Lewis Seed Co., 31810 Fayetteville Drive, PO Box 100, Shedd, OR. 97377.
- **DH3, Diamond T, Flying A, TAMTBO, and Winterhawk** - Oregro Seeds, Inc., 33080 Red Bridge Road, Albany, OR 97377.

  FL - University of Florida, 155 Research Road, Quincy, FL 32351.
- **Fria** - Allied Seed LLC., 1108 Hilldale Drive, Macon, MO 63552.
- **GA** - University of Georgia, 111 Riverbend Road, Athens, GA 30602.
- **Jackson, Marshall, ME4, ME94, M2CVS, and Nelson** - The Wax Company, Inc., PO Box 60, Amory, MS 38821.
- **Jumbo and Maximus** - Barenbrug USA, PO Box 239, Tangent, OR 97389.
- **Lonestar and Tetrastar** - Grassland Oregon, Inc., 4455 60th Avenue NE, Salem, OR 97305.
- **Passerel Plus** - Pennington Seed, PO Box 290, Madison, GA 30650.
- **Early Ploid, Prine, RM exp. 2013A, and RM exp. 2013B** - Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454.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