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2008-2009 Small Grain

Performance Tests

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Editors



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Conversion Table

U.S. Abbr.	<i>Unit</i>	<i>Approximate Metric Equivalent</i>
Length		
mi	mile	1.609 kilometers
yd	yard	0.9144 meters
ft or ' in or "	foot inch	30.48 centimeters 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.	<i>Unit</i>	<i>Approximate U.S. Equivalent</i>
Length		
km	kilometer	0.62 mile
m	meter	39.37 inches or 1.09 yards
cm	centimeter	0.39 inch
mm	millimeter	0.04 inch
Area		
ha	hectare	2.47 acres
Volume/Capacity		
liter	liter	61.02 cubic inches or 1.057 quarts
ml	milliliter	0.06 cubic inch or 0.034 fluid ounce
cc	cubic centimeter	0.061 cubic inch or 0.035 fluid ounce
Mass/Weight		
MT	metric ton	1.1 tons
kg	kilogram	2.205 pounds
g	gram	0.035 ounce
mg	milligram	3.5 x 10 ⁻⁵ ounce



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PREFACE

Results of the 2008-2009 performance tests of small grains grown for grain and forage are printed in this research report. Grain-evaluation studies were conducted at five locations in Georgia, including Tifton, Plains, and Midville in the coastal plain region, Griffin in the piedmont region, Calhoun in the limestone valley region, and at Marianna, Fla. Small grain forage evaluation tests were conducted at four locations in Georgia, which included Tifton and Plains in the coastal plain, Griffin in the piedmont, and Calhoun in the limestone valley region, and at Marianna, Fla. 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% for triticale and rye, 12.5% moisture for oats, and 12% moisture for barley. Additional agronomic data such as plant height, lodging, disease incidence, etc., are listed along with the corresponding yield data. Information concerning culture and fertilizer practices used is included in footnotes. Due to small grain forage systems in Georgia, clipping of rye plots in the rye forage trials discontinued on or about March 31. 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 2008 Fall Planting Schedule for Georgia (available at your county University of Georgia Cooperative Extension office). For additional information, contact your local county extension agent or the nearest UGA campus, research and education center, or extension center.

The least significant difference (LSD) at the 10% 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: 2008 Corn Performance Tests (Report 717), 2008 Soybean, Sorghum Grain and Silage, Summer Annual Forages, and Sunflower Performance Tests (Report 718), 2008 Peanut, Cotton and Tobacco Performance Tests (Report 719), and 2007-2008 Canola Performance Tests (Report 716).

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

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2008-2009 SMALL GRAIN PERFORMANCE TESTS

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

The Season

One of the worst droughts in the state's history continued into small grain planting season in the fall 2008. For the third consecutive season, topsoil moisture over much of the state was short - very short in several areas. Consequently, planting of the 2008-2009 small grain crop was delayed for most farmers. Georgia wheat producers seeded 370 thousand acres of wheat during the 2008-2009 crop year, a decrease of 110,000 acres or 30% less than the previous year. Rye producers seeded 170,000 acres, 15% less than last year, while oat acreage increased 7% totaling 70,000 acres.

Rainfall amounts recorded monthly at the five test locations in Georgia and at Marianna, Fla., during the 2008-2009 growing season are presented in the following table. Due to above-normal rainfall during late winter and spring (the second wettest spring on record in Georgia), on June 10, 2009, water restrictions were cancelled across the state for the first time in three years. Seasonal total rainfall at variety research locations was above normal for the first time in many years, except at Griffin and Midville, where 1.84" and .22" less than normal rainfall occurred, respectively.

2008-2009 Rainfall¹

Month	Year	Calhoun ²	Griffin	Midville	Plains	Tifton	Marianna, FL ³
----- inches -----							
October	2008	3.04	4.83	2.10	3.88	6.41	5.12
November	2008	2.46	3.12	3.78	4.08	3.88	3.19
December	2008	7.66	2.89	3.15	6.81	3.11	8.22
January	2009	7.26	3.00	0.91	2.24	1.64	2.33
February	2009	5.09	4.10	1.52	3.41	2.17	3.26
March	2009	5.90	8.77	3.27	7.67	8.23	7.11
April	2009	4.45	3.99	5.84	5.09	8.26	7.73
May	2009	8.78	3.69	9.35	7.09	6.54	9.15
June	2009	2.47	1.73	1.99	2.71	1.98	2.78
Total (9 months)		47.11	36.12	31.91	42.98	42.22	48.89
Normal (9 months)		42.15	37.96	32.13	36.21	33.45	38.70

1. Data for Georgia sites collected by Dr. G. Hoogenboom, Griffin Campus, Griffin, GA.

2. Floyd County location.

3. University of Florida North Florida Research and Education Center location.

The 2008-2009 small grain-growing season in Georgia began with very dry soil conditions but, differing from the past several years, ended with above-normal rainfall in most areas. A wet cool spring in north Georgia was beneficial for small grain production, but frosty conditions in early April caused some damage on early varieties.

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However, a lack of vernalization was a problem in south Georgia especially for late-maturing varieties. Sporadic insect damage occurred around the state due to Hessian fly and other insects. Powdery mildew was a concern for some farmers due to the moist growing conditions. Seed head sprouting was a problem in the southern part of the state due to persistent heavy rain at harvest time.

Wheat yield for the 2009 Georgia crop was 43 bushels per acre, down 24% from last year's record bushels per acre. There was a total of 270,000 acres of wheat grain harvested, 130,000 acres or 22% less than 2008. This year's total production of 11.6 million bushels for the state was only 48% as much as last year. Thirty thousand acres of oats were harvested in 2009, which is an increase of 20% and is equivalent to the harvested acres of 2007. Twenty-five thousand acres of rye were harvested for grain, a reduction of 38% from the year 2008. 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 assure that the soil pH is in the desired range prior to planting small grains. However, if soils tests indicate the need for lime, it should be applied as soon as possible in order to allow adequate time for the soil pH change to occur (usually two to three months or more, depending on fineness of grind).

The table below shows the recommended rates of fertilizer N-P₂O₅-K₂O to apply to small grain, based on soil test levels:

Soil Test Rating for Potassium (K ₂ O)				
	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 small grain following a legume, apply 60-80 lb N/acre; for small grain following cotton, corn, etc., apply 80-100 lb N/acre; for 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 midwinter.

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 grain 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

Crop	Coastal Plain		Piedmont		Limestone Valley	
	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.

Varieties

Select high-yielding, insect- and disease-resistant varieties for best results. In selecting varieties, give careful consideration to the statistics (LSD) reported in the tables. 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 many of the best.

For late planting, the early-maturing varieties usually perform the best. Varieties recommended for the 2009 planting season are presented in the following tables.

Recommended Grain Varieties for 2009

Barley	Nomini (S)	Price (S)	Thoroughbred (S)
Oat	Horizon 201 (S) Horizon 270 (S) Horizon 321 (S)	Horizon 474 (C, P) Plot Spike LA9339 (S) RAM LA99016 (C)	SS76-40 (P,M) TAMO 406 (C)
Wheat	AGS 2010 (C) AGS 2020 (S) ⁴ AGS 2026 (S) AGS 2031 (S) ⁴ AGS 2035 (C) AGS 2060 (S) ³	Coker 9553 (P,M) ^{2,4} Dominion (P,M) ⁴ Dyna-Gro Baldwin (C) Fleming (C) ³ Jamestown (C) Magnolia (P,M)	Oglethorpe (S) Pioneer 26R61 (S) SS 8308 (P,M) SS 8641 (S) USG 3209 (S) ⁴ USG 3295 (S) ⁴ USG 3592 (P,M) ²
Triticale	Monarch (C,P)	Trical 342 (C,P)	

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

Recommended Forage Varieties for 2009

Oat	Horizon 201 (S) Horizon 270 (S) Horizon 321 (S)	Horizon 474 (S) RAM LA99016 (S)	SS76-40 (C) TAMO 406 (S)
Rye	AGS104 (S) Bates (S) Early Graze (S)	Maton II (C) Oklon (S) Wintergrazer 70 (S)	Wrens Abruzzi (S) Wrens 96 (S)
Wheat	Pioneer 26R61 (S) Roberts (P,M)	SS8641 (C) USG 3209 (P,M)	USG 3592 (S)
Triticale	Trical 2700 (C,P) silage only		

1. M = Mountains; P = Piedmont; C = Coastal Plain; UC = Upper Coastal Plain; LC = Lower Coastal Plain; S = Statewide.

Plant certified, treated seed to ensure good germination, the absence of noxious weeds, and varietal purity. 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 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 2009

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 rate 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, Georgia.

Table 3. Seeding rates for wheat based on seed size¹.

Seed Size seeds/lb	Desired Population (seeds per square foot)						
	30	32	34	35	36	38	40
	Seeding Rate						
	----- 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, 2009

Wheat

Brand-Variety	Resistance							Test Weight	Maturity	Straw Strength	Vernalization Requirement	Awned
	Leaf Rust	Stripe Rust	Glume Blotch	Powdery Mildew	BYD ¹	SBWM ²	Hessian Fly					
AGS 2010	good	good	good	good	fair	good	good*	good	early	fair	medium	no
AGS 2020	good	good	good	good	fair	good	fair	good	early	good	short	yes
AGS 2026	good	good	good	good	fair	good	good*	good	medium	fair	medium	no
AGS 2031	good	good	good	fair	fair	good	poor	good	medium	good	medium	no
AGS 2035	good	good	fair	fair	fair	good	good	good	medium	good	medium	yes
AGS 2060	good	good	fair	fair	fair	good	good	good	early	fair	short	yes
AGS 2485	good	poor	fair	good	fair	fair	poor	good	medium	good	medium	yes
Coker 9553	fair	good	fair	good	fair	fair	poor	good	medium	good	medium	
Crawford	good	good	fair	good	fair	good	fair	good	early	good	short	no
Dominion	good	good	good	good	fair	good	poor	good	late	good	long	
Dyna-Gro Baldwin	good	good	good	fair	fair	good	good	good	med.late	good	medium	yes
Fleming	good	fair	fair	good	poor	poor	poor	good	early	fair	short	yes
Jamestown	poor	good	fair	good	fair	good	fair	good	medium	good	medium	no
Magnolia	poor	good	good	poor	good	good	fair	good	medium	good	medium	
McIntosh	good	good	fair	good	fair	good	poor	good	med. late	fair	med. long	no
Oglethorpe	good	good	good	fair	fair	good	good*	good	medium	fair	medium	no
Pioneer 26R24	poor	poor	fair	good	fair	good	poor	good	medium	good	medium	no
Pioneer 26R38	poor	poor	fair	good	fair	good	good	good	medium	good	short	yes
Pioneer 26R61	fair	good	fair	fair	fair	good	good	good	medium	good	medium	yes
Roberts	poor	poor	good	good	fair	good	poor	good	late	fair	med. long	no
SS8308	fair	poor	good	fair	fair	good	good	good	medium	good	long	yes
SS8641	good	good	fair	good	fair	good	good	good	medium	good	medium	no
USG 3209	fair	good	fair	good	fair	good	fair	fair	medium	good	medium	no
USG 3295	good	good	fair	good	fair	good	poor	good	medium	good	medium	no
USG 3592	good	poor	good	good	fair	good	fair	good	medium	fair	medium	no
Triticale												
Monarch	good	-	-	good	good	-	fair	fair	early	good	med. long	yes
Trical 342	good	-	-	good	good	-	fair	fair	early	good	short	yes
Trical 2700	good	-	-	good	-	-	good	poor	med. late	good	med. long	yes

1. Barley yellow dwarf virus.

2. Soil-borne wheat mosaic virus.

* Resistant to Bio-Type L.

Oat

Brand-Variety	Resistance		Cold Hardiness	Maturity	Test Weight	Straw Strength
	Crown Rust	BYD				
Horizon 201	good	fair	good	medium	fair	fair
Horizon 270	good	fair	good	medium	good	good
Horizon 321	fair	fair	good	medium	good	good
Horizon 474	fair	fair	fair	early	good	good
NC Rodgers	poor	poor	good	medium	fair	fair
NK-Coker 227	poor	poor	fair	medium	good	good
Plot Spike LA 9339	good	fair	good	medium	good	good
RAM LA99016	good	fair	good	medium	good	good
SS76-40	poor	fair	fair	medium	fair	good
TAMO 405	good	fair	fair	early	good	fair
TAMO 406	good	fair	good	early	good	good

Barley

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

SMALL GRAIN UPDATES

VARIETY RELEASES

**Jerry W. Johnson,
Department of Crop and Soil Sciences,
Griffin Campus, Griffin, GA 30223**

AGS 2035 is a medium maturing, white chaffed, medium height line. It was derived from the cross of AGS 2000 and PIO26R61. Its maturity is similar to AGS 2000. It is resistant to current biotypes of Hessian fly in Georgia. It is also resistant to races of leaf rust and stripe rust and moderately resistant to powdery mildew in the southeastern U.S. It is also resistant to soil-borne mosaic virus.

Dyna-Gro Baldwin is a medium-late maturing and medium height line. It was derived from the cross of AGS 2485 and PIO26R61. Dyna-Gro Baldwin matures about four days later than AGS 2000. It is resistant to current biotypes of Hessian fly in Georgia. It is also resistant to races of leaf rust and stripe rust and moderately resistant to powdery mildew in the southeastern U.S. It is also resistant to soil-borne mosaic virus.

Wheat releases by private companies for production in Georgia include Magnolia.

DISEASES

**James W. Buck and John D. Youmans,
Department of Plant Pathology,
Griffin Campus, Griffin, GA 30223-1797**

Powdery mildew was the disease of greatest importance on the wheat crop this year. The early powdery mildew disease pressure was highest in Tifton and southwest Georgia. Mildew pressure was also high at Plains as well. The additional rainfall in the spring kept the powdery mildew active well into late April and early May. Heavy disease pressure early in the season necessitated fungicide applications.

Stripe rust was observed at Plains and Griffin where plots were artificially inoculated. Stripe rust was reported in southwest Georgia and at Tifton, but in general no widespread epidemics were observed in the state. Samples were sent to Washington State to confirm the race of *Puccinia striiformis* involved.

Low infection rates of barley yellow dwarf virus were observed across the state, with higher infection levels noted at Tifton and Plains. Calhoun had the lowest incidence of BYDV.

Stagonospora leaf and glume blotch were at moderate levels across the state again due to the moist early spring conditions observed.

Moderate leaf rust was observed at all locations, and susceptible varieties were hit hard at Tifton and Plains. Rust pressure was somewhat reduced late in the season as drier conditions prevailed.

Overall yields and grain quality were lower than last year due to the excessive rain received at harvest. Sprouting was observed in harvested wheat at Plains and Tifton. Growers will need to be careful in seed selection for fall planting due to lower germination of wheat harvested this year.

INSECTS

**G. David Buntin,
Department of Entomology,
Griffin, Georgia**

The variety test was planted in the fall of 2008 at the Southwest Branch Experiment Station near Plains and was sampled for Hessian fly, *Mayetiola destructor*, infestations in mid-February 2009. Wheat entries also were evaluated in late April at the Bledsoe Research Farm near Griffin and at the Lang Farm near Tifton. Results are shown in the next table. Several wheat varieties showed good levels of Hessian fly resistance at Plains including AGS 2000 (fair), AGS 2010, AGS 2026, AGS 2060, Dyna-Gro Baldwin, Jamestown, Pioneer 26R38 and 26R61, NK-Coker 9152, USG 3592, SS 8308 (fair), 8641, Oglethorpe, and a number of experimental lines. Varieties with good resistance in southern Georgia may not be resistant in northern Georgia because of the presence of biotype L in northern Georgia. The only currently available varieties with biotype L resistance are AGS 2010, AGS 2026, and Oglethorpe. Rye and oats also are good Hessian-fly resistant alternatives to wheat for forage production, because rye is highly resistant and oats are immune to the insect.

Moderate to severe Hessian fly damage was observed in some fields planted with susceptible varieties and in fields with reduced tillage and continuous wheat.

Warm weather encouraged aphid populations in the fall months throughout the state. Aphids caused direct injury to wheat and also transmitted barley yellow dwarf virus (BYDV). BYD infection was variable but generally was not severe throughout most of the state. Although the level of expression of symptoms varies between varieties, no varieties are truly resistant or tolerant of BYDV infection. Systemic insecticide seed treatments and properly timed foliar applications of insecticides can reduce aphid numbers and minimize BYD incidence.

Consult your local county extension agent and the 2009 Georgia Pest Management Handbook for a list of recommended insecticides and for management practices for these and other insect pests of small grains.

**Hessian fly infestation in wheat entries in the 2008-2009
Georgia State Small Grain Variety Tests
at Plains, Griffin, and Tifton**

Entry name	Plains	Griffin	Tifton [§]
	----- % Infested -----		
SS 8404	61.7*	22.5*	52
NK-Coker 9700	61.1*	32.5*	-
USG 3295	56.7*	25.0*	4
AGS 2031	53.3*	25.0*	12
NC03-6228	52.2*	25.0*	100
Progeny 117	51.7*	15.0*	-
Coker 9553	51.1*	20.0*	-
SS 520	50.0*	20.0*	-
Panola	49.4*	22.5*	92
LA01140D-70	47.8*	17.5	16
AGS 2020	47.2*	30.0*	-
USG 3725	43.9*	22.5*	48
Progeny 185	40.6*	32.5*	28
Progeny 136	39.3*	17.5	100
GA02550-8E28	38.3*	15.0	-
Progeny 119	36.3*	30.0*	28
Progeny 130	29.7*	30.0*	76
USG 3209	27.2*	2.5	-
GA00067-8E35	26.3*	25.0*	32
Merl (VA03W-41)	25.6*	27.5*	96
GA981394-8A37	22.3*	10.0	-
VA04W-90	22.2*	15.0	40
Fleming	21.7*	15.0	-
VA04W-259	19.4*	2.5	44
LA482	17.8*	22.5*	-
GA001138-8E38	16.7*	20.0	-
GA031238-7E34	14.3	0	4
GA011174-8A9	14.0	2.5	20
LA01110D-150	13.3	2.5	20
AGS 2055	13.3	2.5	0
TV8589	12.0	0	4
GA02264-8LE17	11.7	25.0*	20
Magnolia	11.1	20.0*	32
USG 3592	10.0	25.0*	-
GA001138-8E37	10.0	15.0	-
TV8170	10.0	12.5	48
AGS 2035 (GA981622-5E35)	10.0	7.5	0
GA031238-7A28	9.7	22.5*	12
GA011493-8E18	9.7	7.5	12
Jamestown	8.3	12.5	-

**Hessian fly infestation in wheat entries in the 2008-2009
Georgia State Small Grain Variety Tests
at Plains, Griffin, and Tifton (Continued)**

Entry name	Plains	Griffin	Tifton [§]
	----- % Infested -----		
GA001138-8E36	8.3	7.5	0
GA01134-8A6	7.3	2.5	-
LA841	6.7	22.5*	28
GA001169-7E15	6.7	22.5*	0
SS 8308	6.7	7.5	0
Dyna-Gro Baldwin (GA981621-5E34)	6.7	0	0
FL01029-K1	5.7	0	0
GA021282-8A2	5.7	0	-
Pioneer 26R31	5.0	22.5*	4
SS 8641	5.0	15.0	8
Progeny 166	5.0	10.0	12
GA991371-6E12	5.0	12.5	0
GA00219-8E45	5.0	7.5	-
GA991209-6E33	5.0	0	0
GA991336-6E9	3.3	45.0*	0
AGS 2060	3.3	0	-
GA011102-8LE27	3.3	0	-
GA011027-8LE24	2.3	2.5	12
GA011264-7E13	1.7	12.5	0
GA01062-8A26	1.7	10.0	-
GA02328-8A21	1.7	7.5	-
Oglethorpe	1.7	7.5	-
Pioneer 26R61	1.1	15.0	0
TV8558	0	2.5	28
GA011124-8LE28	0	2.5	-
GA011124-8LE32	0	7.5	-
AGS 2026	0	5.0	0
GA01539-8A23	0	0	-
LA01110D-84-1-C	0	0	0
Pioneer XW07B	0	0	0
LSD _(0.05)	18.6	29.5	-
LSD _(0.10)	15.6	22.1	-
F	5.44	1.08	-
P	0.0001	0.372NS	-

*Significantly different than zero ($P < 0.1$); % infested data arcsine-square-root transformed before analysis.

[§]Tifton result not replicated; dash indicates entry not sampled at Tifton.

NS = F test not significant.

Wheat

Tifton, Georgia: Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data								
	3-Year Average	2-Year Average	Rank	Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day	Leaf Rust rating ²	Powdery Mildew rating ²
	---- bu/acre ----										
AGS 2035	91.7	89.0	5	79.3	57.1	38	3	100	03/30	0	7
Pioneer 26R31	87.3	85.6	9	78.6	52.9	31	0	100	04/03	3	0
Dyna-Gro Baldwin	86.7	87.0	1	85.2	57.5	40	0	100	04/07	0	7
Jamestown	86.1	81.6	13	75.4	57.5	35	0	100	03/29	6	TR
AGS 2026	86.0	86.5	6	79.2	57.1	36	3	100	04/11	0	3
GA991371-6E12	84.8	84.8	21 ^T	72.1	57.9	33	0	100	04/01	0	4
AGS 2020	84.6	82.5	4	79.6	54.9	36	28	100	03/27	0	2
GA991336-6E9	84.2	81.7	21 ^T	72.1	55.6	34	3	100	03/31	0	3
Oglethorpe	84.0	83.3	15	74.7	55.8	39	0	100	04/10	3	3
SS8641	80.3	81.8	7	79.1	57.3	40	0	100	04/13	0	0
GA991209-6E33	80.0	77.6	27	68.6	55.5	36	0	100	03/29	0	4
AGS 2031	77.7	77.7	20	72.6	54.1	36	1	100	04/14	0	2
Pioneer 26R61	77.5	77.8	29	67.7	56.6	40	0	100	04/05	0	7
Coker 9700	77.0	68.8	44	52.1	55.4	36	13	100	03/28	0	3
AGS 2060	76.6	76.9	36	63.1	56.3	35	3	100	03/24	0	5
AGS 2055	75.1	71.2	32	66.0	49.0	40	10	100	04/15	4	2
Magnolia	73.9	71.9	31	66.6	56.2	35	0	100	04/04	0	6
USG 3295	73.8	75.6	19	73.0	54.0	37	0	100	04/13	0	2
SS8404	69.4	68.1	33	64.8	56.2	32	0	100	04/10	2	4
Fleming	67.8	60.6	46	49.7	51.7	31	18	100	03/18	0	0
Coker 9553	66.9	64.7	45	50.9	55.8	37	6	100	04/09	6	3
Panola	66.3	62.4	42	53.7	53.8	38	40	100	04/13	0	7
USG 3209	62.0	52.8	51	37.3	52.1	34	60	100	04/07	3	2
SS8308	61.3	55.5	47	49.3	52.1	37	19	100	04/15	7	1
SS520	56.2	51.5	48	49.1	52.9	36	65	100	04/08	1	1
LA01140D-70	.	87.5	3	81.9	57.2	42	0	100	04/01	0	3
GA001169-7E15	.	83.4	8	79.0	56.6	36	0	100	04/01	0	0
GA011264-7E13	.	79.4	26	68.7	55.3	34	0	100	04/03	0	7
Progeny 117	.	73.4	37	60.7	54.6	35	23	100	04/01	1	4
Progeny 185	.	68.2	34	64.6	53.8	38	0	100	04/12	4	4
Progeny 166	.	55.1	39	58.5	51.3	41	6	100	04/19	0	7
NC03-6228	.	52.1	49	47.3	51.0	35	70	100	04/14	4	0
USG 3725	.	39.8	52	30.0	42.8	36	83	100	04/22	7	3
GA001138-8E36	.	.	2	84.1	57.3	39	22	100	03/31	TR	2
GA02264-8LE17	.	.	10	77.4	58.2	39	1	100	04/11	0	4
FL01029-K1	.	.	11	76.2	56.6	35	3	100	03/30	0	4
GA011493-8E18	.	.	12	75.6	57.8	35	0	100	03/31	0	6
GA031238-7E34	.	.	14	74.8	55.2	35	0	100	04/11	0	0
GA011027-8LE24	.	.	16	74.3	53.9	39	0	100	04/11	0	3
LA01110D-84-1-C	.	.	17	73.7	56.7	38	0	100	04/02	0	2

Tifton, Georgia: Wheat Grain Performance, 2008-2009 (Continued)

Brand-Variety	Yield ¹		2009 Data								
	3-Year Average ---- bu/acre ----	2-Year Average	Rank	Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day	Leaf Rust rating ²	Powdery Mildew rating ²
GA00067-8E35	.	.	18	73.5	55.5	35	0	100	03/30	0	5
GA031238-7A28	.	.	22	71.2	56.4	37	0	100	04/09	0	1
VA04W-90	.	.	23	70.2	55.6	36	1	100	04/08	5	1
TV8589	.	.	24	70.1	49.7	41	5	100	04/13	2	3
TV8558	.	.	25	69.2	51.7	38	0	100	04/14	5	5
Pioneer XW07B	.	.	28	67.8	52.8	40	0	100	04/24	0	2
LA482	.	.	30 ^T	66.8	53.3	41	0	100	03/26	0	3
GA011174-8A9	.	.	30 ^T	66.8	55.7	35	0	100	04/01	3	4
TV8170	.	.	35	63.6	52.3	42	3	100	04/12	3	7
LA01110D-150	.	.	38	59.8	56.2	38	0	100	04/08	0	5
VA04W-259	.	.	40	57.1	52.2	36	0	100	04/24	4	0
Progeny 130	.	.	41	54.4	55.1	38	60	100	04/20	4	3
LA841	.	.	43	52.9	54.3	34	0	100	04/09	0	4
Progeny 119	.	.	50	46.8	53.8	37	0	100	04/14	4	6
Progeny 136	.	.	53	28.9	43.5	33	70	100	04/19	5	4
Merl	.	.	54	27.1	47.7	37	83	100	04/18	7	2
Average	76.7	72.6		64.9 ³	54.3	36	12	100	04/07	2	3
LSD at 10% Level	4.8	5.4		8.1	1.2	2	14	-	03	-	-
Std. Err. of Entry Me	2.1	2.3		3.5	0.5	1	6	-	01	-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Whole plant rating: 0 = resistant to 9 = very susceptible, TR = trace.
3. C.V. = 10.7%, and df for EMS = 165.

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

Planted: November 20, 2008.
 Harvested: June 3, 2009.
 Seeding Rate: 22 seeds per foot in 7" rows.
 Soil Type: Dothan loamy sand.
 Soil Test: P = Medium, K = Medium, and pH = 6.1.
 Fertilization: Preplant: 60 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.
 Topdress: 40 lb N/acre.
 Management: Paratilled and rototilled; Harmony Extra used for weed control.
 Previous Crop: Summer fallow.

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

Tifton, Georgia: Late-Planted Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data						
	3-Year Average	2-Year Average	Rank	Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre	----- bu/acre		bu/acre	lb/bu	in	%	%	mo/day
AGS 2020	60.7	65.8	8	61.6	54.0	37	0	100	04/14
Jamestown	57.3	61.8	7	64.7	57.7	34	0	100	04/13
Fleming	55.3	58.1	6	66.0	55.7	33	0	100	03/31
AGS 2060	50.2	57.3	11	52.5	56.9	37	0	100	04/15
USG 3209	41.8	45.8	14	38.8	49.2	32	21	100	04/20
Coker 9553	40.4	44.9	12	46.2	53.6	35	8	100	04/20
Coker 9700	38.4	45.5	15	36.4	52.7	32	43	100	04/11
SS520	36.0	39.3	13	43.4	49.6	37	28	100	04/19
GA00219-8E45	.	.	1	78.8	54.5	36	0	100	04/11
GA01062-8A26	.	.	2	71.3	54.5	38	0	100	04/20
GA02550-8E28	.	.	3	70.9	54.6	35	0	100	04/02
GA001138-8E38	.	.	4	69.4	51.3	34	0	100	04/09
GA01539-8A23	.	.	5	68.9	54.9	39	0	100	04/17
GA011102-8LE27	.	.	9	60.7	52.5	34	0	100	04/19
LA482	.	.	10	59.5	52.4	40	0	100	04/20
Progeny 117	.	.	16	34.3	49.0	34	43	100	04/21
Average	47.5	52.3		57.7 ²	53.3	35	9	100	04/14
LSD at 10% Level	5.1	N.S. ³		5.5	1.0	2	10	-	04
Std. Err. of Entry Mean	3.7	2.5		2.3	0.4	1	4	-	02

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 8.1%, and df for EMS = 45.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: December 19, 2008.

Harvested: June 4, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 60 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 40 lb N/acre.

Management: Paratilled and rototilled; Harmony Extra used for weed control.

Previous Crop: Summer fallow.

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

Plains, Georgia: Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data							
	3-Year Average	2-Year Average	Rank	Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day	Leaf Rust rating ²
	----- bu/acre -----									
GA991371-6E12	96.9	89.5	2	80.5	55.0	35	0	100	04/07	0
GA991336-6E9	94.9	87.9	1	80.8	53.2	34	0	100	04/08	0
AGS 2020	94.9	82.3	30	60.2	52.9	36	4	100	04/04	3
AGS 2035	94.7	89.2	10	72.9	56.5	38	0	100	04/06	5
GA991209-6E33	94.6	87.2	6	76.2	53.3	36	0	100	04/04	4
Jamestown	94.1	81.9	25	63.2	56.4	34	0	100	04/06	7
Dyna-Gro Baldwin	92.2	85.8	11	71.2	56.6	39	0	100	04/15	1
AGS 2060	91.6	89.4	4	78.4	56.7	38	0	100	04/05	0
SS8641	91.4	85.0	8	73.5	57.6	39	0	100	04/17	0
Oglethorpe	91.0	82.8	26	62.3	54.5	36	0	100	04/14	0
Fleming	89.8	83.7	15	68.8	54.6	31	3	100	03/28	0
AGS 2026	87.6	81.1	21	65.1	55.6	35	0	100	04/13	0
Coker 9700	86.0	77.6	35	54.5	53.9	34	0	100	04/07	8
Pioneer 26R61	85.7	79.8	23	64.0	56.5	40	0	100	04/12	1
AGS 2031	85.6	77.9	27	61.7	55.5	36	0	100	04/17	0
USG 3295	85.4	79.1	20	65.3	55.7	37	0	100	04/18	0
Pioneer 26R31	85.4	71.1	43	46.0	46.6	31	0	100	04/11	9
Magnolia	83.9	78.6	28	61.4	54.2	36	0	100	04/13	7
SS8404	83.5	75.0	33 ^T	56.5	54.3	32	0	100	04/14	4
USG 3209	83.1	72.4	45	44.6	52.5	35	0	100	04/14	7
Coker 9553	80.9	75.1	33 ^T	56.5	56.9	36	0	100	04/16	8
Panola	80.1	71.2	38	53.5	52.9	37	0	100	04/17	7
AGS 2055	79.5	71.6	39 ^T	52.5	48.9	39	0	100	04/21	5
SS520	78.6	70.0	46	41.7	50.7	39	0	100	04/14	4
SS8308	77.9	71.5	32	56.6	55.6	38	0	100	04/20	7
GA011264-7E13	.	84.9	13	69.6	53.3	37	1	100	04/11	4
LA01140D-70	.	80.4	24 ^T	63.4	56.4	41	0	100	04/10	1
GA001169-7E15	.	79.7	22	64.1	54.5	35	0	100	04/12	2
Progeny 117	.	72.6	34	55.6	52.2	38	0	100	04/11	8
Progeny 166	.	66.5	44 ^T	44.7	52.0	38	0	100	04/23	5
Progeny 185	.	65.7	44 ^T	44.7	52.1	38	0	100	04/20	5
NC03-6228	.	60.9	49	36.1	52.3	35	0	100	04/23	3
USG 3725	.	55.5	51	30.5	47.5	38	0	100	04/24	5
GA031238-7E34	.	.	3	78.9	55.6	35	0	100	04/15	1
GA001138-8E36	.	.	5	76.3	56.3	41	0	100	04/10	2
LA482	.	.	7	73.6	51.7	40	0	100	04/03	1
GA031238-7A28	.	.	9	73.1	56.6	38	0	100	04/14	0
FL01029-K1	.	.	12 ^T	70.8	55.0	33	0	100	04/07	1
LA01110D-84-1-C	.	.	12 ^T	70.8	55.8	38	0	100	04/05	0
GA011493-8E18	.	.	14	69.5	57.7	35	0	100	04/12	0

**Plains, Georgia:
Wheat Grain Performance, 2008-2009 (Continued)**

Brand-Variety	Yield ¹		2009 Data							
	3-Year Average	2-Year Average	Rank	Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date	Leaf Rust
	----- bu/acre	----- bu/acre		bu/acre	lb/bu	in	%	%	mo/day	rating ²
GA011174-8A9	.	.	16	67.9	54.0	36	0	100	04/11	5
VA04W-90	.	.	17	67.0	55.2	36	0	100	04/12	5
GA00067-8E35	.	.	18	66.5	53.2	35	0	100	04/08	0
LA01110D-150	.	.	19	65.8	56.4	39	0	100	04/11	2
GA02264-8LE17	.	.	24 ^T	63.4	57.6	40	0	100	04/14	0
LA841	.	.	29	60.5	54.3	36	0	100	04/10	0
GA011027-8LE24	.	.	31	59.4	51.9	40	0	100	04/14	0
Progeny 130	.	.	36	54.2	57.7	38	4	100	04/22	7
VA04W-259	.	.	37	53.8	52.0	34	0	100	04/29	1
Pioneer XW07B	.	.	39 ^T	52.5	52.7	40	0	100	04/28	1
Merl	.	.	40	51.7	55.0	39	0	100	04/22	6
TV8170	.	.	41	49.5	52.3	42	0	100	04/19	6
TV8589	.	.	42	49.0	49.0	41	0	100	04/23	5
TV8558	.	.	47	40.5	49.4	39	0	100	04/21	8
Progeny 119	.	.	48	38.0	54.1	37	0	100	04/17	8
Progeny 136	.	.	50	33.3	47.1	39	0	100	04/25	7
Average	87.6	77.7		60.0 ³	53.9	37	0	100	04/14	3
LSD at 10% Level	4.1	4.6		6.5	1.0	2	N.S. ⁴	-	02	-
Std. Err. of Entry Mea	1.8	2.0		2.8	0.4	1	1	-	01	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. Whole plant rating: 0 = resistant to 9 = very susceptible, TR = trace.

3. C.V. = 9.2%, and df for EMS = 165.

4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 21, 2008.

Harvested: June 5, 2009.

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

Soil Type: Greenville sandy loam.

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

Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Topdress: 80 lb N/acre.

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

Plains, Georgia: Wheat Grain Performance with Foliar Fungicide, 2008-2009

Brand-Variety	Yield ¹		2009 Data						
	3-Year Average	2-Year Average	Rank	Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
AGS 2035	99.7	93.4	3	87.8	55.1	38	0	100	03/30
Dyna-Gro Baldwin	95.4	94.3	5	86.9	53.9	40	0	100	04/14
AGS 2031	94.1	89.8	21	72.2	51.9	38	0	100	04/17
Oglethorpe	89.2	82.4	27 ^T	69.3	51.4	38	0	100	04/14
SS8641	89.0	86.3	10	80.0	53.7	46	0	100	04/17
Pioneer 26R31	88.5	84.4	31 ^T	65.5	46.6	33	0	100	04/11
USG 3295	87.3	82.8	22 ^T	71.4	52.3	38	0	100	04/18
SS8404	87.1	82.8	26 ^T	69.7	52.3	35	0	100	04/15
AGS 2026	87.1	81.9	24	71.2	52.4	38	0	100	04/13
Pioneer 26R61	85.2	82.1	20 ^T	72.4	53.1	40	0	100	04/13
SS8308	82.3	79.9	29	68.1	52.6	39	18	100	04/22
GA991336-6E9	.	97.3	1	92.8	52.0	37	0	100	04/10
GA011264-7E13	.	96.1	6	85.1	51.3	38	0	100	04/10
GA991209-6E33	.	90.9	4	87.1	51.1	37	0	100	04/04
GA001169-7E15	.	90.8	16	76.1	51.6	39	0	100	04/13
GA991371-6E12	.	86.7	8	82.5	51.7	39	0	100	04/06
Progeny 185	.	80.9	26 ^T	69.7	51.9	40	0	100	04/20
Progeny 166	.	80.2	25	70.1	51.1	42	0	100	04/22
GA001138-8E36	.	.	2	88.2	53.3	41	0	100	04/10
GA031238-7E34	.	.	7	82.7	52.1	36	0	100	04/15
LA01110D-84-1-C	.	.	9	81.7	53.6	39	0	100	04/05
VA04W-90	.	.	11	79.4	51.5	38	0	100	04/13
LA841	.	.	12 ^T	78.8	52.7	39	0	100	04/09
FL01029-K1	.	.	12 ^T	78.8	52.9	36	0	100	04/08
GA011174-8A9	.	.	13 ^T	78.0	51.7	38	0	100	04/11
LA01140D-70	.	.	13 ^T	78.0	53.5	43	0	100	04/11
GA031238-7A28	.	.	14	77.1	52.8	38	0	100	04/15
GA02264-8LE17	.	.	15	76.5	49.9	40	0	100	04/14
GA011493-8E18	.	.	17	75.8	52.8	37	0	100	04/10
Magnolia	.	.	18	74.6	52.2	37	0	100	04/13
GA00067-8E35	.	.	19	72.8	49.3	37	0	100	04/09
TV8170	.	.	20 ^T	72.4	52.2	44	0	100	04/21
USG 3592	.	.	22 ^T	71.4	52.9	42	0	100	04/20
Panola	.	.	23	71.3	51.7	38	0	100	04/17
AGS 2055	.	.	27 ^T	69.3	48.5	41	0	100	04/20
Progeny 119	.	.	28	69.2	51.7	41	0	100	04/18
TV8558	.	.	30	66.5	50.4	40	0	100	04/20
Merl	.	.	31 ^T	65.5	52.0	38	0	100	04/23
Progeny 130	.	.	32	62.3	54.8	42	0	100	04/22
TV8589	.	.	33	62.0	48.3	42	0	100	04/21

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2008-2009
(Continued)

Brand-Variety	Yield ¹		2009 Data						
	3-Year Average	2-Year Average	Rank	Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
GA011027-8LE24	.	.	34	57.9	49.2	40	0	100	04/14
Pioneer XW07B	.	.	35	55.8	49.1	39	13	100	04/28
Progeny 136	.	.	36	51.6	47.9	41	10	100	04/25
USG 3725	.	.	37	45.2	47.6	39	0	100	04/25
Average	89.5	86.8		73.2 ²	51.6	39	1	100	04/15
LSD at 10% Level	4.7	N.S. ³		8.5	2.0	2	6	-	03
Std. Err. of Entry Mea	2.0	2.7		3.6	0.8	1	3	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.9%, and df for EMS = 129.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 21, 2008.
Harvested: June 5, 2009.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Low, K = Medium, and pH = 6.1.
Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.
Topdress: 80 lb N/acre.
Management: Subsoiled and rototilled.
Previous Crop: Peanut.

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

**Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2008-2009**

Brand-Variety	Yield ¹		Difference with fungicide bu/acre	Change with fungicide %
	no fungicide ----- bu/acre	fungicide ² -----		
GA991336-6E9	80.8	92.8	12.0	14.8
GA991371-6E12	80.5	82.5	2.0	2.5
GA031238-7E34	78.9	82.7	3.8	4.8
GA001138-8E36	76.3	88.2	11.9	15.7
GA991209-6E33	76.2	87.1	10.9	14.3
SS8641	73.5	80.0	6.5	8.9
GA031238-7A28	73.1	77.1	4.0	5.4
AGS 2035	72.9	87.8	14.9	20.5
Dyna-Gro Baldwin	71.2	86.9	15.8	22.1
FL01029-K1	70.8	78.8	8.0	11.3
LA01110D-84-1-C	70.8	81.7	10.9	15.4
GA011264-7E13	69.6	85.1	15.6	22.3
GA011493-8E18	69.5	75.8	6.4	9.1
GA011174-8A9	67.9	78.0	10.1	14.9
VA04W-90	67.0	79.4	12.4	18.5
GA00067-8E35	66.5	72.8	6.3	9.5
USG 3295	65.3	71.4	6.1	9.3
AGS 2026	65.1	71.2	6.2	9.5
GA001169-7E15	64.1	76.1	12.0	18.7
Pioneer 26R61	64.0	72.4	8.4	13.1
GA02264-8LE17	63.4	76.5	13.1	20.7
LA01140D-70	63.4	78.0	14.6	23.0
Oglethorpe	62.3	69.3	7.0	11.2
AGS 2031	61.7	72.2	10.5	17.0
Magnolia	61.4	74.6	13.1	21.4
LA841	60.5	78.8	18.4	30.3
GA011027-8LE24	59.4	57.9	-1.5	-2.5
SS8308	56.6	68.1	11.5	20.4
SS8404	56.5	69.7	13.2	23.4
Progeny 130	54.2	62.3	8.1	15.0
Panola	53.5	71.3	17.7	33.1
AGS 2055	52.5	69.3	16.8	31.9
Pioneer XW07B	52.5	55.8	3.3	6.2
Merl	51.7	65.5	13.8	26.6
TV8170	49.5	72.4	22.9	46.2
TV8589	49.0	62.0	13.0	26.6
Pioneer 26R31	46.0	65.5	19.5	42.4
Progeny 185	44.7	69.7	25.0	55.9
Progeny 166	44.7	70.1	25.4	56.9
TV8558	40.5	66.5	26.0	64.2

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2008-2009
(Continued)

Brand-Variety	Yield ¹		Difference with fungicide bu/acre	Change with fungicide %
	no fungicide ----- bu/acre	fungicide ² ----- bu/acre		
Progeny 119	38.0	69.2	31.2	82.2
Progeny 136	33.3	51.6	18.3	55.1
USG 3725	30.5	45.2	14.7	48.2
USG 3592	.	71.4	.	.
Average	60.0	73.2	12.5	23.6
LSD at 10% Level	6.5	8.5	11.1	25.6
Std. Err. of Entry Mean	2.8	3.6	4.8	10.9

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. Fungicide applied to control fungal diseases: 4 oz/acre Tilt and 10 oz/acre Quadris.

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, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year Average ----- bu/acre	2-Year Average ----- bu/acre		Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day
AGS 2020	85.0	74.9	7	52.2	49.4	37	0	100	04/24
Fleming	79.1	73.7	1	62.2	51.9	33	0	100	04/15
Jamestown	79.0	73.3	9	51.3	49.9	32	0	100	04/22
Coker 9700	77.7	74.9	4	56.2	49.6	34	0	100	04/23
USG 3209	71.4	67.4	12	39.9	44.8	32	0	100	04/24
AGS 2060	69.6	62.7	10 ^T	49.5	51.6	38	0	100	04/24
Coker 9553	63.5	57.9	14	33.1	46.4	33	0	100	04/28
SS520	61.1	54.9	15	31.5	43.2	36	0	100	04/23
GA00219-8E45	.	.	2	57.3	48.2	34	3	100	04/23
GA011102-8LE27	.	.	3	57.0	47.6	33	0	100	04/22
GA02550-8E28	.	.	5	54.6	49.3	35	0	100	04/20
GA001138-8E38	.	.	6	53.6	42.6	34	0	100	04/18
GA01539-8A23	.	.	8	51.7	49.2	37	0	100	04/24
GA01062-8A26	.	.	10 ^T	49.5	47.2	35	0	100	04/29
LA482	.	.	11	47.2	47.6	37	0	100	04/25
Progeny 117	.	.	13	35.1	46.8	35	0	100	04/24
Average	73.3	67.5		48.9 ²	47.8	34	0	100	04/23
LSD at 10% Level	3.8	N.S. ³		4.8	1.3	2	-	-	01
Std. Err. of Entry Mean	1.6	2.0		2.0	0.5	1	-	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 8.3%, and df for EMS = 45.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: January 9, 2009.

Harvested: June 8, 2009.

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

Soil Type: Greenville sandy loam.

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

Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Topdress: 80 lb N/acre.

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

**Plains, Georgia:
Late-Planted Wheat Grain Performance with Foliar Fungicide,
2008-2009**

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year Average	2-Year Average		Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----	----- bu/acre -----		bu/acre	lb/bu	in	%	%	mo/day
AGS 2020	84.7	79.9	11	58.1	49.1	37	0	100	04/23
Fleming	82.7	84.9	1	73.3	52.6	33	0	100	04/15
USG 3209	75.9	70.9	14	50.5	47.8	30	0	100	04/24
AGS 2060	73.9	73.3	8	59.4	52.1	40	0	100	04/23
Jamestown	.	78.8	10	58.2	51.5	33	0	100	04/23
GA00219-8E45	.	.	2	68.7	49.2	34	0	100	04/24
GA001138-8E38	.	.	3	64.1	44.8	33	8	100	04/18
Coker 9700	.	.	4	61.9	49.8	34	0	100	04/22
GA011102-8LE27	.	.	5	61.8	48.4	30	0	100	04/22
GA01539-8A23	.	.	6	61.1	49.3	35	0	100	04/24
GA02550-8E28	.	.	7	60.8	50.2	35	0	100	04/18
GA01062-8A26	.	.	9	58.8	48.5	34	1	100	04/28
LA482	.	.	12	56.0	47.8	38	3	100	04/26
Coker 9553	.	.	13	52.5	49.5	33	0	100	04/29
Progeny 117	.	.	15	48.4	48.3	37	5	100	04/24
Average	79.3	77.5		59.6 ²	49.3	34	1	100	04/23
LSD at 10% Level	N.S. ³	N.S.		7.7	1.1	2	4	-	01
Std. Err. of Entry Mean	1.4	2.0		3.2	1.0	1	2	-	01

1. Yields calculated as 60 pounds per bushel at 13/5% moisture.

2. C.V. 10.9 %, and df for EMS = 42.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: January 9, 2009.

Harvested: June 8, 2009.

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

Soil Type: Greenville sandy loam.

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

Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Topdress: 80 lb N/acre.

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

**Plains, Georgia:
Effect of Fungicide on Late-Planted Wheat Grain Yield,
2008-2009**

Brand-Variety	Yield ¹		Difference with fungicide bu/acre	Change with fungicide %
	no fungicide ----- bu/acre	fungicide ² ----- bu/acre		
Fleming	62.2	73.3	11.1	17.9
GA00219-8E45	57.3	68.7	11.4	19.9
GA011102-8LE27	57.0	61.8	4.7	8.3
Coker 9700	56.2	61.9	5.8	10.2
GA02550-8E28	54.6	60.8	6.2	11.3
GA001138-8E38	53.6	64.1	10.4	19.4
AGS 2020	52.2	58.1	6.0	11.4
GA01539-8A23	51.7	61.1	9.4	18.1
Jamestown	51.3	58.2	6.8	13.3
AGS 2060	49.5	59.4	9.8	19.8
GA01062-8A26	49.5	58.8	9.3	18.8
LA482	47.2	56.0	8.9	18.8
USG 3209	39.9	50.5	10.6	26.5
Progeny 117	35.1	48.4	13.3	38.0
Coker 9553	33.1	52.5	19.4	58.7
Average	48.9	59.6	9.5	20.7
LSD at 10% Level	4.8	7.7	N.S. ³	21.7
Std. Err. of Entry Mean	2.0	3.2	4.0	9.1

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. Fungicide applied to control fungal diseases: 4 oz/acre Tilt and 10 oz/acre Quadris.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Midville, Georgia: Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data							
	3-Year Average	2-Year Average	Rank	Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date	Deer Damage
	---- bu/acre ----	---- bu/acre ----		bu/acre	lb/bu	in	%	%	mo/day	%
AGS 2020	65.5	62.7	2	74.8	57.2	39	13	100	.	0
Jamestown	62.7	63.3	1	77.1	60.0	37	0	100	.	0
AGS 2035	60.9	59.2	3	69.3	56.3	40	0	100	.	0
GA991371-6E12	60.1	55.0	16	61.8	54.8	38	13	100	.	0
GA991209-6E33	57.8	53.4	13	63.0	54.3	40	0	100	.	0
GA991336-6E9	57.3	53.2	23	58.6	52.8	37	1	100	.	0
Dyna-Gro Baldwin	56.6	57.2	7	65.9	56.5	42	1	100	.	0
AGS 2060	56.0	57.9	8	64.9	58.5	41	3	100	.	0
Coker 9553	55.4	55.3	15	62.7	59.6	38	3	100	.	0
SS8308	54.6	55.4	10	64.4	55.9	38	9	100	.	0
Magnolia	53.0	50.9	28	57.1	53.9	38	3	100	.	0
Fleming	53.0	48.9	31	55.4	56.9	35	0	100	.	0
AGS 2031	52.9	53.2	14	62.9	52.9	36	1	100	.	0
Pioneer 26R61	52.5	48.5	38	52.6	54.4	40	0	100	.	0
AGS 2055	52.4	46.3	30	55.8	49.4	41	8	100	.	1
USG 3209	52.3	49.6	34	54.7	56.1	37	8	100	.	0
AGS 2026	52.0	43.3	41	48.8	52.2	37	5	100	.	9
USG 3295	51.4	49.6	24	58.5	53.9	36	0	100	.	0
Panola	51.3	52.3	25	58.4	53.8	37	3	100	.	0
Oglethorpe	47.9	43.0	40	49.7	54.1	38	9	100	.	13
SS8404	47.8	45.5	39	51.6	54.7	34	0	100	.	0
SS520	46.6	40.8	42	48.3	55.5	40	5	100	.	23
Pioneer 26R31	44.7	36.8	54	32.7	51.2	33	4	100	.	15
Coker 9700	43.3	33.2	55	31.2	56.9	36	0	100	.	48
SS8641	41.9	39.9	52	43.2	53.5	40	3	100	.	21
LA01140D-70	.	53.6	18	60.9	55.2	42	5	100	.	0
GA001169-7E15	.	53.3	36	54.4	54.7	36	3	100	.	0
Progeny 117	.	50.7	22	59.1	56.2	40	16	100	.	3
Progeny 185	.	47.9	20	59.7	54.2	39	3	100	.	1
GA011264-7E13	.	47.9	47	46.5	52.2	37	10	100	.	0
Progeny 166	.	47.0	29	56.6	53.1	41	8	100	.	0
NC03-6228	.	44.7	43	47.7	53.7	37	18	100	.	1
USG 3725	.	42.0	44	47.5	50.1	39	10	100	.	0
GA001138-8E36	.	.	4	67.3	55.0	43	3	100	.	0
LA01110D-150	.	.	5	67.0	54.5	38	3	100	.	0
GA031238-7E34	.	.	6	66.9	53.5	37	0	100	.	1
LA01110D-84-1-C	.	.	9	64.7	54.9	39	3	100	.	0
GA011493-8E18	.	.	11	64.1	56.2	38	3	100	.	0
GA00067-8E35	.	.	12	63.3	54.4	37	0	100	.	0
LA841	.	.	17	61.5	49.1	39	0	100	.	0

Midville, Georgia: Wheat Grain Performance, 2008-2009 (Continued)

Brand-Variety	Yield ¹		2009 Data							
	3-Year Average	2-Year Average	Rank	Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day	Deer Damage %
	---- bu/acre ----									
GA011174-8A9	.	.	19	60.3	54.4	36	3	100	.	0
LA482	.	.	21	59.2	55.7	41	1	100	.	0
TV8558	.	.	26	58.2	52.0	40	11	100	.	0
TV8170	.	.	27	57.3	53.2	43	8	100	.	0
FL01029-K1	.	.	32	55.2	53.0	36	0	100	.	0
GA02264-8LE17	.	.	33	55.1	55.0	40	0	100	.	3
GA031238-7A28	.	.	35	54.6	54.4	39	19	100	.	1
Pioneer XW07B	.	.	37 ^T	53.1	53.5	38	0	100	.	0
TV8589	.	.	37 ^T	53.1	48.8	40	14	100	.	1
GA011027-8LE24	.	.	45	46.9	49.9	37	0	100	.	5
Progeny 130	.	.	46	46.8	55.3	38	63	100	.	1
Merl	.	.	48	46.0	54.0	38	6	100	.	3
Progeny 119	.	.	49	45.8	51.8	38	1	100	.	4
Progeny 136	.	.	50	45.3	49.4	38	3	100	.	1
VA04W-90	.	.	51	43.9	52.6	38	1	100	.	11
VA04W-259	.	.	53	41.1	51.9	34	1	100	.	8
Average	53.2	49.7		55.9 ²	54.1	38	5	100	.	3
LSD at 10% Level	5.7	7.6		12.0	1.8	2	10	-		13
Std. Err. of Entry Mean	2.4	3.2		5.1	0.8	1	4	-		6

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 18.3%, and df for EMS = 165.

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

Planted: November 24, 2008.

Harvested: June 9, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.

Topdress: 60 lb N/acre.

Management: Moldboard plowed and rototilled.

Previous Crop: Peanut.

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

Midville, Georgia: Late-Planted Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data						
	3-Year Average	2-Year Average		Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date	Deer Damage
	---- bu/acre ----	---- bu/acre ----		bu/acre	lb/bu	in	%	%	mo/day	%
AGS 2020	60.3	54.9	1	55.2	52.0	38	4	100	.	0
Jamestown	55.9	52.0	9	47.3	55.0	35	0	100	.	0
AGS 2060	53.7	52.4	5	52.9	55.3	42	1	100	.	0
USG 3209	51.5	50.3	11	44.5	52.0	34	5	100	.	4
Coker 9553	51.2	49.1	7	50.8	53.0	36	5	100	.	0
Fleming	48.2	45.6	8	48.8	52.9	36	0	100	.	0
SS520	43.9	39.9	12	42.6	51.1	39	23	100	.	13
Coker 9700	38.3	29.9	16	13.0	51.8	36	3	100	.	60
GA01539-8A23	.	.	2	54.6	55.1	37	0	100	.	0
GA01062-8A26	.	.	3	54.1	54.9	37	0	100	.	0
GA00219-8E45	.	.	4	53.0	50.4	36	1	100	.	0
LA482	.	.	6	51.5	50.5	42	9	100	.	8
GA001138-8E38	.	.	10	46.7	46.7	33	4	100	.	8
Progeny 117	.	.	13	40.3	52.2	38	14	100	.	6
GA011102-8LE27	.	.	14	32.2	50.4	34	1	100	.	45
GA02550-8E28	.	.	15	30.1	52.2	37	3	100	.	48
Average	50.4	46.8		44.8 ²	52.2	37	4	100	.	12
LSD at 10% Level	4.5	N.S. ³		8.3	2.2	2	6	-		18
Std. Err. of Entry Mean	3.1	2.5		3.5	0.9	1	2	-		8

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 15.6%, and df for EMS = 45.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: December 20, 2008.

Harvested: June 9, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.

Topdress: 60 lb N/acre.

Management: Moldboard plowed and rototilled.

Previous Crop: Peanut.

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

Griffin, Georgia: Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data									
	3-Year	2-Year	Rank	Yield ¹	Test	Ht	Lodg.	Winter	Head	BYD ⁴	Stripe	Powdery
	Avg ²	Avg ³											Wt	Survival	Date	Rust	Mildew
---- bu/acre ----			bu/acre	lb/bu	in	%	%	mo/day	%	rating ⁵	rating ⁵	
GA991336-6E9	.	98.8	14	82.6	58.6	37	39	100	04/11	20	TR	0
SS8641	.	96.4	20	80.1	58.0	39	53	100	04/12	0	3	1
USG 3725	.	93.9	19	80.7	56.2	43	53	100	04/19	0	0	3
SS8308	.	93.7	11 ^T	85.1	58.6	41	4	100	04/12	0	6	2
USG 3295	.	93.4	5	89.8	59.5	37	16	100	04/11	15	TR	1
GA991371-6E12	.	91.8	26	77.0	57.8	38	43	100	04/12	0	2	2
Magnolia	.	91.6	18	81.0	57.0	41	10	100	04/13	0	0	8
AGS 2055	.	91.5	3	93.1	56.4	40	19	100	04/15	0	1	2
Panola	.	90.2	27	75.4	57.2	37	16	100	04/12	TR	0	8
AGS 2031	.	89.4	16	81.8	59.1	35	9	100	04/12	15	3	1
Progeny 166	.	87.8	25	77.7	58.9	45	5	100	04/18	0	0	8
USG 3209	.	87.7	40	65.6	57.4	37	25	100	04/12	.	.	.
Progeny 117	.	86.1	28	73.4	57.5	39	39	100	04/11	.	.	.
AGS 2020	.	86.0	23	79.1	57.5	37	48	100	04/08	.	.	.
AGS 2060	.	85.6	17 ^T	81.2	60.3	40	14	100	04/11	.	.	.
GA011264-7E13	.	85.2	32	71.0	54.2	38	56	100	04/12	0	TR	2
GA001169-7E15	.	85.2	42	65.0	58.1	37	49	100	04/11	0	0	1
GA991209-6E33	.	85.1	34	68.0	54.4	38	41	100	04/10	0	2	3
Coker 9553	.	84.6	29 ^T	73.1	60.5	39	19	100	04/10	.	.	.
Progeny 185	.	83.0	22	79.2	59.0	43	3	100	04/14	0	6	2
AGS 2035	.	79.7	44	64.3	58.6	39	30	100	04/13	15	0	2
AGS 2026	.	79.7	50	55.2	57.5	35	21	100	04/09	0	0	4
LA01140D-70	.	79.6	46	60.0	59.5	41	38	100	04/15	0	2	2
Dyna-Gro Baldwin	.	78.8	47	59.5	56.5	38	56	100	04/16	0	TR	3
Jamestown	.	78.1	51	52.7	60.0	36	1	100	04/06	.	.	.
Oglethorpe	.	77.9	53	49.4	56.5	33	11	100	04/10	40	0	7
USG 3592	.	76.7	49	58.9	56.8	40	41	100	04/13	0	9	0
Pioneer 26R61	.	75.7	45	60.9	58.6	38	20	100	04/12	20	2	3
NC03-6228	.	72.8	52	51.4	54.1	40	19	100	04/14	0	9	0
SS8404	.	69.5	57	39.4	53.8	35	0	100	04/13	0	9	0
Coker 9700	.	67.7	55	46.2	57.6	36	13	100	04/04	.	.	.
Pioneer 26R31	.	64.0	58	33.4	53.5	32	5	100	04/12	0	9	0
SS520	.	61.9	56	42.3	51.7	36	41	100	04/05	.	.	.
Merl	.	.	1	105.1	61.7	42	6	100	04/17	15	2	0
TV8589	.	.	2	93.9	56.9	41	3	100	04/14	0	2	3
TV8558	.	.	4	91.5	59.6	41	14	100	04/12	0	4	0
GA031238-7E34	.	.	6	89.4	60.0	34	10	100	04/12	0	0	0
VA04W-259	.	.	7	88.2	59.0	40	60	100	04/19	30	5	1
Progeny 130	.	.	8	87.5	62.0	43	1	100	04/17	TR	0	7
GA01134-8A6	.	.	9	86.6	58.9	40	45	100	04/13	0	TR	1
Pioneer XW07B	.	.	10	86.1	59.1	43	28	100	04/21	0	4	1
TV8170	.	.	11 ^T	85.1	57.5	46	5	100	04/12	0	6	3
GA02328-8A21	.	.	12	84.4	60.3	38	1	100	04/13	10	TR	1
GA021282-8A2	.	.	13	84.1	60.3	41	24	100	04/15	0	TR	2
Progeny 119	.	.	15	82.4	58.8	44	1	100	04/13	0	2	8

Griffin, Georgia: Wheat Grain Performance, 2008-2009 (Continued)

Brand-Variety	Yield ¹		2009 Data									
	3-Year	2-Year	Rank	Yield ¹	Test		Lodg.	Winter Survival	Head Date	BYD ⁴	Stripe Rust	Powdery Mildew
	Avg ²	Avg ³			Wt	Ht						
---- bu/acre ----			bu/acre	lb/bu	in	%	%	mo/day	%	rating ⁵	rating ⁵	
GA011124-8LE28	.	.	17 ^T	81.2	60.2	37	14	100	04/12	30	TR	3
GA011493-8E18	.	.	21	79.5	61.4	37	24	100	04/13	5	TR	2
Progeny 136	.	.	24	78.5	51.7	43	46	100	04/18	0	0	1
GA011174-8A9	.	.	29 ^T	73.1	56.8	36	30	100	04/13	0	0	8
GA00067-8E35	.	.	30	72.8	59.6	38	20	100	04/13	10	0	7
GA02264-8LE17	.	.	31	71.6	59.6	36	28	100	04/12	0	2	3
VA04W-90	.	.	33 ^T	68.3	58.0	38	0	100	04/12	40	3	2
GA001138-8E36	.	.	33 ^T	68.3	58.1	41	60	100	04/17	0	TR	3
GA981394-8A37	.	.	35	67.9	58.9	37	11	100	04/11	0	2	2
GA011027-8LE24	.	.	36	67.4	55.6	36	20	100	04/12	0	TR	3
FL01029-K1	.	.	37	66.7	57.1	35	29	100	04/11	0	7	0
GA011124-8LE32	.	.	38	66.3	59.4	36	38	100	04/13	30	TR	TR
LA01110D-150	.	.	39	66.1	57.3	37	26	100	04/15	15	2	2
GA001138-8E37	.	.	41	65.1	55.6	40	73	100	04/19	0	TR	2
GA031238-7A28	.	.	43	64.5	60.2	34	35	100	04/13	40	0	1
LA01110D-84-1-C	.	.	48	59.2	58.4	39	13	100	04/12	5	1	2
LA841	.	.	54	48.3	55.7	37	10	100	04/15	20	TR	9
Average	.	83.3		72.0 ⁶	57.9	38	25	100	04/13	7	2	3
LSD at 10% Level		N.S. ⁷		8.9	2.3	2	18	-	02	-	-	-
Std. Err. of Entry Me:		2.9		3.8	1.0	1	8	-	01	-	-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Three-year data not computed due to cold damaged 2007 wheat crop.
3. 2008 and 2009 data used to compute 2-year average.
4. Percentage Barley Yellow Dwarf disease, whole plant.
5. Whole plant rating: 0 = resistant to 9 = very susceptible, TR = trace.
6. C.V. = 10.6%, and df for EMS = 183.
7. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore, an LSD value was not calculated.

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

Planted: October 29, 2008.
Harvested: June 3, 2009.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Appling sandy loam.
Soil Test: P = Low, K = High, and pH = 5.7.
Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.
Topdress: 70 lb N/acre.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia: Wheat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data						
	3-Year	2-Year	Rank	Yield ¹	Test	Height	Lodging	Winter	Head
	Average ²	Average ³								bu/acre	lb/bu	in	%	%	mo/day
---- bu/acre ----									
USG 3725	.	86.0	14	79.1	56.5	46	64	100	04/13
Magnolia	.	85.1	18	78.2	57.8	45	15	100	04/08
Progeny 166	.	84.6	6	85.2	57.3	49	39	100	04/12
Panola	.	82.6	5	85.4	59.7	41	16	100	04/10
AGS 2031	.	81.0	21	76.5	58.0	37	69	100	04/10
Progeny 117	.	80.4	17	78.3	57.9	44	66	100	04/12
Coker 9553	.	79.5	7	83.6	60.8	41	34	100	04/09
GA991371-6E12	.	79.1	20 ^T	77.2	52.7	42	76	100	04/10
GA991336-6E9	.	78.8	20 ^T	77.2	51.4	40	59	100	04/10
AGS 2060	.	78.7	41 ^T	66.6	56.3	41	79	100	04/09
Progeny 185	.	77.8	13	79.5	58.3	42	13	100	04/15
SS8641	.	75.5	38 ^T	67.8	57.3	41	79	100	04/14
SS8308	.	75.2	25	74.2	60.0	44	26	100	04/10
USG 3295	.	75.1	26	73.7	57.6	37	54	100	04/12
GA991209-6E33	.	73.1	34	69.2	56.6	40	65	100	04/09
Dyna-Gro Baldwin	.	71.9	52	61.6	50.7	43	75	100	04/14
Jamestown	.	71.0	45	64.8	56.9	38	75	100	04/09
GA001169-7E15	.	69.8	40 ^T	66.9	56.9	40	66	100	04/11
AGS 2026	.	69.1	33	69.4	54.9	36	81	100	04/13
Oglethorpe	.	68.2	39	67.0	57.0	37	75	100	04/13
GA011264-7E13	.	67.3	27	71.7	56.8	42	76	100	04/12
Coker 9700	.	67.3	47	63.7	58.3	38	55	100	04/11
USG 3209	.	67.2	38 ^T	67.8	55.0	41	79	100	04/13
LA01140D-70	.	67.2	41 ^T	66.6	56.6	43	79	100	04/11
AGS 2035	.	67.0	30	70.0	55.9	43	65	100	04/09
AGS 2020	.	66.3	37	68.4	55.6	39	84	100	04/12
AGS 2055	.	65.8	46	64.1	56.6	43	63	100	04/14
Pioneer 26R61	.	63.2	49	62.5	56.8	42	35	100	04/12
USG 3592	.	63.1	53 ^T	61.1	57.6	44	74	100	04/14
Pioneer 26R31	.	62.1	50	61.8	54.4	36	23	100	04/13
SS8404	.	57.2	55	53.8	56.7	37	10	100	04/10
NC03-6228	.	43.8	56	47.7	58.1	40	76	100	04/14
SS520	.	39.0	57	36.8	52.4	39	38	100	04/12
GA011174-8A9	.	.	1	90.3	55.7	41	54	100	04/11
Progeny 136	.	.	2	87.7	56.9	45	43	100	04/17
Merl	.	.	3	87.2	59.2	43	48	100	04/14
TV8170	.	.	4	85.9	57.5	49	23	100	04/11
VA04W-259	.	.	8	82.6	58.5	41	79	100	04/20
Progeny 119	.	.	9	82.1	57.1	47	18	100	04/14
GA00067-8E35	.	.	10	80.9	59.4	40	25	100	04/10

Calhoun, Georgia: Wheat Grain Performance, 2008-2009 (Continued)

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year	2-Year		Yield ¹	Test	Height	Lodging	Winter	Head
	Average ²	Average ³							
---- bu/acre ----			bu/acre	lb/bu		%	%	mo/day	
TV8558	.	.	11	80.5	59.0	44	31	100	04/12
Progeny 130	.	.	12	79.6	61.2	46	28	100	04/12
GA02264-8LE17	.	.	15	78.8	56.9	40	78	100	04/13
GA011493-8E18	.	.	16	78.6	58.5	41	79	100	04/11
GA01134-8A6	.	.	19	78.1	57.5	44	59	100	04/13
GA031238-7E34	.	.	22	76.4	55.4	36	73	100	04/15
GA011124-8LE28	.	.	23	75.0	59.8	38	38	100	04/09
VA04W-90	.	.	24	74.3	59.9	41	73	100	04/13
GA981394-8A37	.	.	28	71.3	59.7	39	33	100	04/09
GA001138-8E36	.	.	29	70.6	53.2	45	79	100	04/17
LA01110D-84-1-C	.	.	31	69.6	56.6	41	74	100	04/11
GA011027-8LE24	.	.	32	69.5	53.5	38	60	100	04/09
GA02328-8A21	.	.	35	69.0	56.9	42	59	100	04/11
GA011124-8LE32	.	.	36	68.6	59.4	39	36	100	04/10
TV8589	.	.	40 ^T	66.9	55.5	43	76	100	04/14
Pioneer XW07B	.	.	42	66.1	55.0	44	69	100	04/20
GA021282-8A2	.	.	43	66.0	53.2	45	74	100	04/15
GA001138-8E37	.	.	44	65.0	53.4	44	71	100	04/22
FL01029-K1	.	.	48	63.5	58.2	38	79	100	04/10
LA841	.	.	51	61.6	56.6	39	70	100	04/10
LA01110D-150	.	.	53 ^T	61.1	57.4	40	70	100	04/10
GA031238-7A28	.	.	54	56.2	57.2	37	85	100	04/15
Average	.	70.9		71.3 ⁴	56.8	41	57	100	04/12
LSD at 10% Level		7.8		9.1	1.4	2	21	-	03
Std. Err. of Entry Mean		3.4		3.9	0.6	1	9	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. 3-year average not computed due to 2007 cold damaged wheat crop.
3. 2008 and 2009 used for 2-year average.
4. C.V. = 10.9%, and df for EMS = 183.

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

Planted: October 22, 2008.
Harvested: June 10, 2009.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Etowah loam.
Soil Test: P = Medium, K = High, and pH = 6.1.
Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.
Topdress: 70 lb N/acre.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Fallow.

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

Summary of Wheat Yields: Georgia, 2008-2009 with Two- and Three-Year Averages

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide		
	3-Year Average ⁴	2-Year Average ⁵	2009	3-Year Average ⁶	2-Year Average ⁷	2009	3-Year Average ⁸	2-Year Average	2009
	----- bu/acre -----								
<u>Commercial Lines</u>									
AGS 2020	81.7	75.8	71.5	.	76.1	73.8	.	76.0	72.4
AGS 2026	75.2	70.3	64.3	.	74.5	62.3	.	72.0	63.5
AGS 2031	72.1	69.6	65.7	.	85.2	79.2	.	75.8	71.1
AGS 2035	82.4	79.1	73.8	.	73.3	67.1	.	76.8	71.1
AGS 2055	69.0	63.0	58.1	.	78.7	78.6	.	69.3	66.3
AGS 2060	74.8	74.7	68.8	.	82.1	73.9	.	77.7	70.8
Coker 9553	67.8	65.0	56.7	.	82.0	78.3	.	71.8	65.4
Coker 9700	68.8	59.9	45.9	.	67.5	55.0	.	62.9	49.5
Dyna-Gro Baldwin	78.5	76.7	74.1	.	75.3	60.5	.	76.1	68.7
Fleming	70.2	64.4	58.0	.	.	.	.	.	.
Jamestown	81.0	75.6	71.9	.	74.5	58.8	.	75.1	66.6
LA482	.	.	66.5	.	.	.	.	.	.
LA841	.	.	58.3	.	.	54.9	.	.	56.9
Magnolia	70.3	67.1	61.7	.	88.3	79.6	.	75.6	68.9
Merl	.	.	41.6	.	.	96.2	.	.	63.4
Oglethorpe	74.3	69.7	62.3	.	73.0	58.2	.	71.0	60.6
Panola	65.9	61.9	55.2	.	86.4	80.4	.	71.7	65.3
Pioneer 26R31	72.4	64.5	52.4	.	63.0	47.6	.	63.9	50.5
Pioneer 26R61	71.9	68.7	61.4	.	69.4	61.7	.	69.0	61.5
Pioneer XW07B	.	.	57.8	.	.	76.1	.	.	65.1
Progeny 117	.	65.6	58.5	.	83.3	75.9	.	72.6	65.4
Progeny 119	.	.	43.5	.	.	82.3	.	.	59.0
Progeny 130	.	.	51.8	.	.	83.6	.	.	64.5
Progeny 136	.	.	35.8	.	.	83.1	.	.	54.7
Progeny 166	.	56.2	53.2	.	86.2	81.4	.	68.2	64.5
Progeny 185	.	60.6	56.3	.	80.4	79.3	.	68.5	65.5
SS520	60.5	54.1	46.3	.	50.5	39.5	.	52.7	43.6
SS8308	64.6	60.8	56.7	.	84.4	79.6	.	70.3	65.9
SS8404	66.9	62.9	57.6	.	63.4	46.6	.	63.1	53.2
SS8641	71.2	68.9	65.3	.	86.0	74.0	.	75.7	68.8
TV8170	.	.	56.8	.	.	85.5	.	.	68.3
TV8558	.	.	56.0	.	.	86.0	.	.	68.0
TV8589	.	.	57.4	.	.	80.4	.	.	66.6
USG 3209	65.8	58.3	45.5	.	77.5	66.7	.	66.0	54.0
USG 3295	70.2	68.1	65.6	.	84.2	81.7	.	74.6	72.1
USG 3592	.	.	.	.	69.9	60.0	.	.	.
USG 3725	.	45.7	36.0	.	89.9	79.9	.	63.4	53.5
<i>Average</i>	71.6	65.7	57.4	.	77.1	71.6	.	70.4	63.1
<i>Overall test averages and statistics:</i>									
Average	72.5	66.7	60.3	.	77.1	71.6	.	71.0	64.8
LSD at 10% Level	2.8	3.4	5.3	.	6.4	7.0	.	3.3	4.2
Std. Err. of Entry Mean	1.2	1.5	2.3	.	2.7	3.0	.	1.4	1.8

Summary of Wheat Yields: Georgia, 2008-2009 with Two- and Three-Year Averages (Continued)

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide		
	3-Year Average ⁴	2-Year Average ⁵	2009	3-Year Average ⁶	2-Year Average ⁷	2009	3-Year Average ⁸	2-Year Average	2009
----- bu/acre -----									
Experimental Lines									
FL01029-K1	.	.	67.4	.	.	65.1	.	.	66.5
GA00067-8E35	.	.	67.8	.	.	76.8	.	.	71.4
GA001138-8E36	.	.	75.9	.	.	69.4	.	.	73.3
GA001138-8E37	.	.	.	.	.	65.1	.	.	.
GA001169-7E15	.	72.1	65.8	.	77.5	65.9	.	74.3	65.8
GA011027-8LE24	.	.	60.2	.	.	68.4	.	.	63.5
GA011124-8LE28	.	.	.	.	.	78.1	.	.	.
GA011124-8LE32	.	.	.	.	.	67.5	.	.	.
GA011174-8A9	.	.	65.0	.	.	81.7	.	.	71.7
GA011264-7E13	.	70.7	61.6	.	76.2	71.3	.	72.9	65.5
GA01134-8A6	.	.	.	.	.	82.3	.	.	.
GA011493-8E18	.	.	69.7	.	.	79.1	.	.	73.4
GA021282-8A2	.	.	.	.	.	75.0	.	.	.
GA02264-8LE17	.	.	65.3	.	.	75.2	.	.	69.3
GA02328-8A21	.	.	.	.	.	76.7	.	.	.
GA031238-7A28	.	.	66.3	.	.	60.3	.	.	63.9
GA031238-7E34	.	.	73.5	.	.	82.9	.	.	77.3
GA981394-8A37	.	.	.	.	.	69.6	.	.	.
GA991209-6E33	77.4	72.7	69.2	.	79.1	68.6	.	75.3	69.0
GA991336-6E9	78.8	74.3	70.5	.	88.8	79.9	.	80.1	74.2
GA991371-6E12	80.6	76.4	71.5	.	85.4	77.1	.	80.0	73.7
LA01110D-150	.	.	64.2	.	.	63.6	.	.	63.9
LA01110D-84-1-C	.	.	69.7	.	.	64.4	.	.	67.6
LA01140D-70	.	73.8	68.7	.	73.4	63.3	.	73.7	66.5
NC03-6228	.	52.5	43.7	.	58.3	49.6	.	54.8	46.1
VA04W-259	.	.	50.7	.	.	85.4	.	.	64.6
VA04W-90	.	.	60.4	.	.	71.3	.	.	64.7
<i>Average</i>	<i>78.9</i>	<i>70.4</i>	<i>65.4</i>	.	<i>77.0</i>	<i>71.6</i>	.	<i>73.0</i>	<i>67.6</i>
<i>Overall test averages and statistics:</i>									
Average	72.5	66.7	60.3	.	77.1	71.6	.	71.0	64.8
LSD at 10% Level	2.8	3.4	5.3	.	6.4	7.0	.	3.3	4.2
Std. Err. of Entry Mean	1.2	1.5	2.3	.	2.7	3.0	.	1.4	1.8

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.

2. Tifton, Plains, and Midville.

3. Griffin and Calhoun.

4. 2007, 2008 and 2009 used for 3-year average.

5. 2008 and 2009 used for 2-year average.

6. Three-year average not computed due to 2007 cold damaged crop.

7. 2008 and 2009 used for 2-year average.

8. Statewide three-year average not computed due to 2007 cold damaged crop in north Georgia.

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, 2008-2009
with Two- and Three-Year Averages**

Brand-Variety	Yield ¹		2009
	South ²		
	3-Year Average	2-Year Average	
	----- bu/acre -----		
AGS 2020	68.7	65.2	56.3
AGS 2060	57.8	57.5	51.6
Coker 9553	51.7	50.7	43.3
Coker 9700	51.5	50.1	35.2
Fleming	60.9	59.1	59.0
GA001138-8E38	.	.	56.6
GA00219-8E45	.	.	63.0
GA01062-8A26	.	.	58.3
GA011102-8LE27	.	.	50.0
GA01539-8A23	.	.	58.4
GA02550-8E28	.	.	51.9
Jamestown	64.1	62.4	54.5
LA482	.	.	52.7
Progeny 117	.	.	36.6
SS520	47.0	44.7	39.2
USG 3209	54.9	54.5	41.1
Average	57.1	55.5	50.5
LSD at 10% Level	2.8	3.4	5.2
Std. Err. Of Entry Mean	1.2	1.4	2.2

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.

2. Tifton, Plains, and Midville.

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

Plains, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2008-2009

Brand-Variety	Yield ¹	Test Weight	Heading Date	Height	Powdery Mildew	Leaf Rust	Stripe Rust
	bu/acre	lb/bu	Julian days ²	in	rating ³	rating ³	rating ³
LA01139D-56-1	81.2	53.0	97	32	5	.	0
GA031238-DH7-7E34	79.3	56.2	106	31	0	3	0
GA001169-7E15	68.8	55.6	102	32	0	.	1
LA01140D-70	66.2	55.7	98	38	2	3	1
D05-6189	65.9	51.8	97	33	2	0	0
LA01034D-235-1	65.5	55.5	99	32	3	0	0
D05*6441	64.6	54.4	100	30	7	.	1
LA01029D-139-3	64.6	55.4	99	36	0	.	4
FL01029-K1	64.3	54.8	98	31	0	.	5
GA001492-7E9	61.7	54.9	101	30	0	0	1
AR98088-1-1	61.7	55.2	99	31	3	.	1
W990002K1	60.6	50.9	97	29	1	.	0
W980031K1	58.8	55.0	100	34	5	2	2
GA001170-7E26	58.1	53.2	102	30	1	.	2
VA06W-392	57.3	53.6	106	31	3	0	0
Pioneer 26R61	55.8	55.5	101	36	5	.	2
VA02W-555	53.8	52.3	108	31	2	7	0
NC05-21090	52.9	54.0	116	31	1	4	0
VA04W-90	52.0	53.8	100	32	0	.	7
VA05W-139	51.9	53.3	117	32	0	5	0
AR96052-4-3	51.6	53.6	104	34	0	2	0
MD01W233-07-1	48.5	55.5	108	30	0	1	5
MD00W53-07-1	48.2	55.0	99	29	0	0	2
AGS 2000	47.3	51.3	100	34	1	.	8
G89270	45.5	54.4	114	33	5	1	0
Coker 9553	45.3	55.9	101	31	0	.	0
B040798	45.2	52.1	115	34	0	6	0
ARS05-0443	44.7	49.6	116	30	0	2	0
VA05W-251	40.6	50.9	100	30	0	.	9
NC05-20276	39.1	52.9	115	29	0	0	6
W980031L1	37.7	53.3	107	36	3	.	5
G89267	37.1	54.1	117	30	0	7	3
TN501	33.8	53.3	116	37	3	7	0
ARS03-5358	32.7	53.8	107	36	0	.	9
MO011126	31.9	51.1	116	33	0	.	2
TN802	29.9	52.6	116	34	3	6	3
NC04-20814	28.3	49.3	115	30	0	6	7
Z03-0496	27.8	48.4	117	33	0	6	0
G89283	26.0	49.7	116	30	7	1	1
NC05-19684	23.6	52.1	116	29	0	1	9
Average	50.1	53.3	106	32	2	3	2
LSD at 5% Level	9.8						

**Plains, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery,
2008-2009 (Continued)**

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 9.8%.

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

Planted: November 26, 2008.

Harvested: May 31, 2009.

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

Soil Type: Greenville sandy loam.

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 75 lb N/acre.

Test conducted by J. W. Johnson, D. Bland, J. Youmans, D. Buntin, S. Sutton, and K.H. Bost.

**Griffin, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery,
2008-2009**

Brand-Variety	Yield ¹ bu/acre	Test Weight lb/bu	Heading Date Julian days ²	Height in
VA05W-139	83.1	55.6	105	33
VA02W-555	81.9	55.1	100	30
GA031238-DH7-7E34	81.1	55.3	99	34
B040798	79.1	54.8	109	39
AR98088-1-1	74.6	55.9	97	34
GA001492-7E9	74.1	56.5	102	33
MO011126	73.4	57.3	112	33
GA001169-7E15	71.2	55.5	99	32
GA001170-7E26	69.3	58.2	99	34
W980031K1	68.9	57.4	99	38
NC05-21090	68.9	57.2	105	35
TN501	68.6	56.6	108	41
VA04W-90	68.6	55.2	99	35
AR96052-4-3	67.1	52.3	99	35
VA06W-392	66.3	55.5	102	36
Coker 9553	66.1	56.8	98	35
LA01034D-235-1	65.5	55.0	98	32
Pioneer Brand 26R61	64.6	57.9	101	36
G89270	63.8	54.6	110	38
LA01139D-56-1	63.3	55.8	98	31
Z03-0496	63.2	55.6	112	34
W990002K1	62.7	55.9	99	31
LA01140D-70	62.2	56.8	98	39
FL01029-K1	62.1	54.9	100	33
D05-6189	62.0	52.9	98	34
D05*6441	61.5	56.1	98	31
MD00W53-07-1	59.2	56.3	103	35
TN802	57.8	55.7	108	39
MD01W233-07-1	57.8	56.2	107	34
G89283	57.2	54.0	114	34
LA01029D-139-3	56.9	54.4	105	37
ARS05-0443	54.0	51.2	116	31
VA05W-251	52.6	51.8	99	32
G89267	50.9	53.8	115	34
AGS 2000	50.1	54.5	99	36
W980031L1	48.3	55.4	100	36
NC04-20814	45.8	54.1	112	31
NC05-20276	41.8	54.1	104	32
ARS03-5358	38.5	53.0	108	41
NC05-19684	31.0	49.6	105	32
Average	62.4	55.1	103	34
LSD at 5% Level	8.3			

**Griffin, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery,
2008-2009 (Continued)**

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 8.2%.

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

Planted: November 1, 2008.

Harvested: June 8, 2009.

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

Soil Type: Cecil sandy clay loam

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

Topdress: 75 lb N/acre.

Test conducted by J. W. Johnson, D. Bland, J. Youmans, D. Buntin, S. Sutton,
and K.H. Bost.

Triticale

Tifton, Georgia: Triticale Grain Performance, 2008-2009

Brand-Variety	Rank	2009	Test	Ht	Lodg.	Winter Survival	Head Date
		Yield ¹ bu/acre	Wt lb/bu					in	%	%	mo/day
Trical 342	1	67.6	41.7	51	0	100	03/21
Monarch	2	64.1	46.0	51	0	100	03/24
NCPT01-1433	3	60.6	44.8	48	0	100	03/27
RSI00025-J1-H1-K3	4	57.6	43.4	56	0	100	03/25
Trical 2700	5	45.8	41.4	51	0	100	04/11
RSI202765	6	3.9	.	41	0	100	04/10
Average		49.9 ²	43.5	49	0	100	03/30
LSD at 10% Level		11.3	1.2	2	-	-	02
Std. Err. of Entry Mean		4.5	0.4	1	-	-	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.

2. C.V. = 18.3%, and df for EMS = 15.

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

Planted: November 20, 2008.

Harvested: June 2, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 60 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 40 lb N/acre.

Management: Paratilled and rototilled; Harmony Extra used for weed control.

Previous Crop: Summer fallow.

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

Plains, Georgia: Triticale Grain Performance, 2008-2009

Brand-Variety	Rank	2009	Test	Ht	Lodg.	Winter Survival	Head Date
		Yield ¹ bu/acre	Wt lb/bu					in	%	%	mo/day
Trical 342		84.5	39.3	53	0	100	03/25
Monarch		72.8	40.8	51	0	100	03/21
RSI00025-J1-H1-K3		67.1	40.2	56	0	100	03/29
NCPT01-1433		60.6	41.3	48	0	100	04/02
Trical 2700		58.9	40.7	61	0	100	04/14
RSI202765		0.0*	.	60	20	100	04/22
Average		68.8 ²	40.5	55	3	100	04/03
LSD at 10% Level		13.6	N.S. ³	1	-	-	01
Std. Err. of Entry Mean		5.4	0.6	1	-	-	01

* No head production due to Hessian Fly damage.

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.

2. C.V. = 15.8%, and df for EMS = 12.

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

Planted: November 21, 2008.

Harvested: June 5, 2009.

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

Soil Type: Greenville sandy loam.

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

Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Topdress: 80 lb N/acre.

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

Midville, Georgia: Triticale Grain Performance, 2008-2009

Brand-Variety	Rank	2009	Test	Ht	Lodg.	Winter Survival	Head Date
		Yield ¹	Wt				
		bu/acre	lb/bu	in	%	%	mo/day
Trical 342	1	74.3	44.7	49	13	100	.
Monarch	2	68.9	46.0	48	3	100	.
NCPT01-1433	3	61.5	46.5	48	0	100	.
RSI00025-J1-H1-K3	4	57.2	44.8	54	70	100	.
Trical 2700	5	45.8	47.9	57	75	100	.
RSI202765	6	26.0	50.0	53	81	100	.
Average		55.6 ²	46.6	51	40	100	.
LSD at 10% Level		10.8	1.0	3	15	-	
Std. Err. of Entry Mean		4.4	0.4	1	6	-	

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.

2. C.V. = 15.7%, and df for EMS = 15.

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

Planted: November 24, 2008.

Harvested: June 9, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.

Topdress: 60 lb N/acre.

Management: Moldboard plowed and rototilled.

Previous Crop: Peanut.

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

**Griffin, Georgia:
Triticale Grain Performance, 2008-2009**

Brand-Variety	Rank	2009	Test	Ht	Lodg.	Winter Survival	Head Date
		Yield ¹ bu/acre	Wt lb/bu				
RSI00025-J1-H1-K3	1	81.8	50.4	53	0	100	04/05
RSI202765	2	80.5	49.1	53	0	100	04/05
Monarch	3	76.8	53.3	49	0	100	04/11
NCPT01-1433	4	76.7	51.9	48	0	100	04/04
Trical 2700	5	68.6	50.7	56	35	100	04/22
Trical 342	6	59.4	50.4	48	0	100	04/06
Average		74.0 ²	51.0	51	6	100	04/08
LSD at 10% Level		10.2	1.1	3	22	-	01
Std. Err. of Entry Mean		4.1	0.5	1	9	-	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.

2. C.V. = 11.1%, and df for EMS = 15.

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

Planted: October 29, 2008.

Harvested: June 3, 2009.

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

Soil Type: Cecil sandy loam.

Soil Test: P = Low, K = High, and pH = 5.7.

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 65 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

Summary of Triticale Yields: Georgia, 2008-2009

Brand-Variety	Yield ¹		Statewide 2009
	South ² 2009	North ³ 2009	
	----- bu/acre -----		
Monarch	68.6	76.8	70.6
NCPT01-1433	60.9	76.7	64.8
RSI00025-J1-H1-K3	60.6	81.8	65.9
RSI202765	.	80.5	.
Trical 2700	50.2	68.6	54.8
Trical 342	75.5	59.4	71.4
Average	63.2	74.0	65.5
LSD at 10% Level	6.7	10.2	5.6
Std. Err. Of Entry Mean	2.8	4.1	2.4

1. Yields calculated at 48 pounds per bushel at 13.0% moisture.

2. Tifton, Plains, and Midville.

3. Griffin.

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

Oat

Tifton, Georgia: Oat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year Average	2-Year Average		Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Horizon 270	130.1	124.2	6	100.8	30.4	48	0	100	03/29
TX02U7682	117.6	99.6	20	62.1	29.3	48	0	100	03/28
TAMO 406	115.7	116.8	9	93.8	32.3	49	0	100	04/02
RAM LA99016	112.3	117.9	15	85.4	30.3	52	0	100	03/29
Horizon 474	98.6	80.3	21	61.3	32.2	50	20	100	03/29
Horizon 201	.	131.9	3	108.5	30.2	57	0	100	03/31
TX05CS542	.	123.7	8	95.6	30.6	48	3	100	03/26
Plot Spike LA9339	.	123.0	5	103.7	32.5	51	0	100	04/03
NC03-2421	.	.	1	116.8	34.0	49	0	100	04/01
FL0115-J2	.	.	2	109.7	28.1	49	0	100	04/01
FL99212-06	.	.	4	108.2	31.8	47	0	100	04/02
LA976-59-S1	.	.	7 ^T	96.2	28.0	46	0	100	04/03
Trophy	.	.	7 ^T	96.2	30.7	53	0	100	04/01
FL99153-45-S1	.	.	10	91.6	33.3	50	0	100	04/02
TX05CS347-1	.	.	11	88.1	31.4	47	1	100	04/02
NC01-3497	.	.	12	87.6	32.5	48	0	100	03/31
FL0210-J1	.	.	13	86.9	28.3	53	4	100	04/02
TX05CS556	.	.	14	86.6	27.6	49	0	100	03/30
LA03046-7-S1	.	.	16	84.0	31.5	45	0	100	04/02
LA03063-S4	.	.	17	78.6	29.4	47	3	100	03/26
FLQR1805-J12	.	.	18	74.6	31.6	52	0	100	04/02
LA02010-SB-S1	.	.	19	66.1	35.4	56	0	100	03/31
Average	114.9	114.7		90.1 ²	31.0	50	1	100	03/31
LSD at 10% Level	N.S. ³	15.1		14.6	2.1	2	7	-	01
Std. Err. of Entry Mean	5.4	6.3		6.2	0.9	1	3	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.

2. C.V. = 13.7%, and df for EMS = 63.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 20, 2008.

Harvested: June 2, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 60 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 40 lb N/acre.

Management: Paratilled and rototilled; Harmony Extra used for weed control.

Previous Crop: Summer fallow.

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

Plains, Georgia: Oat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year Average ----- bu/acre	2-Year Average ----- bu/acre		Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day
Horizon 270	152.2	148.6	9	121.6	33.3	48	0	100	04/11
TX02U7682	150.8	136.6	17	110.7	31.4	48	0	100	04/07
RAM LA99016	141.2	128.6	18	106.8	32.8	52	0	100	04/10
Horizon 474	132.6	118.9	20	99.7	32.9	50	0	100	04/11
TAMO 406	129.1	128.9	7	125.0	33.0	48	0	100	04/14
Horizon 201	.	149.1	3	133.2	31.4	56	0	100	04/11
TX05CS542	.	149.0	2	134.0	30.3	50	0	100	04/08
Plot Spike LA9339	.	143.0	1	147.7	33.3	52	0	100	04/19
NC01-3497	.	.	4	130.3	31.1	48	0	100	04/13
FL0210-J1	.	.	5	129.3	26.0	52	0	100	04/13
NC03-2421	.	.	6	128.9	32.6	50	0	100	04/13
FL99212-06	.	.	8	122.2	32.1	50	0	100	04/14
FL99153-45-S1	.	.	10	121.4	34.0	52	0	100	04/15
TX05CS556	.	.	11	121.1	31.2	48	0	100	04/07
LA03046-7-S1	.	.	12	120.0	30.0	48	0	100	04/18
LA976-59-S1	.	.	13	118.7	30.4	48	0	100	04/18
TX05CS347-1	.	.	14	118.5	32.1	50	0	100	04/14
LA03063-S4	.	.	15	114.5	31.5	46	0	100	04/03
Trophy	.	.	16	113.7	31.9	54	0	100	04/11
FL0115-J2	.	.	19	106.6	29.3	52	0	100	04/13
FLQR1805-J12	.	.	21	95.9	32.3	50	0	100	04/11
LA02010-SB-S1	.	.	22	92.2	34.0	56	5	100	04/12
Average	141.2	137.8		118.7 ²	31.7	50	0	100	04/12
LSD at 10% Level	N.S. ³	N.S.		17.2	2.7	-	-	-	02
Std. Err. of Entry Mean	3.9	4.2		7.3	1.2	-	-	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 12.2%, and df for EMS = 63.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 21, 2008.
 Harvested: June 5, 2009.
 Seeding Rate: 11 seeds per foot in 7" rows.
 Soil Type: Greenville sandy loam.
 Soil Test: P = Low, K = Medium, and pH = 6.1.
 Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.
 Topdress: 80 lb N/acre.
 Management: Subsoiled and rototilled.
 Previous Crop: Peanut.

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

Midville, Georgia: Oat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year Average ---- bu/acre ----	2-Year Average ----		Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day
RAM LA99016	91.2	92.0	3	112.0	34.4	52	55	100	.
Horizon 474	91.1	81.8	14	92.2	35.8	47	15	100	.
Horizon 270	82.4	87.9	5	108.4	32.8	46	6	100	.
TX02U7682	80.0	74.5	17	86.2	33.3	46	4	100	.
TAMO 406	77.1	72.0	20	80.1	32.1	46	90	100	.
Horizon 201	.	90.0	9	94.9	31.2	49	89	100	.
Plot Spike LA9339	.	77.2	11	94.5	32.9	48	68	100	.
TX05CS542	.	76.9	16	89.7	32.5	49	3	100	.
NC03-2421	.	.	1	113.3	33.2	45	13	100	.
FL99212-06	.	.	2	113.2	28.7	46	30	100	.
NC01-3497	.	.	4	109.0	30.7	45	84	100	.
TX05CS347-1	.	.	6	102.2	33.4	45	34	100	.
FL0115-J2	.	.	7	98.0	31.8	48	25	100	.
FL0210-J1	.	.	8	96.0	33.0	50	34	100	.
Trophy	.	.	10	94.7	33.1	49	30	100	.
FL99153-45-S1	.	.	12	94.0	34.1	45	45	100	.
TX05CS556	.	.	13	93.1	29.8	45	6	100	.
LA03046-7-S1	.	.	15	91.5	31.1	46	15	100	.
LA976-59-S1	.	.	18	82.8	30.5	44	18	100	.
FLQR1805-J12	.	.	19	81.5	31.2	47	93	100	.
LA03063-S4	.	.	21	75.8	33.2	44	1	100	.
LA02010-SB-S1	.	.	22	60.1	36.3	48	98	100	.
Average	84.3	81.5		93.8 ²	32.5	47	39	100	.
LSD at 10% Level	N.S. ³	N.S.		17.0	2.0	3	23	-	
Std. Err. of Entry Mean	3.2	4.3		7.2	0.8	1	8	-	

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.

2. C.V. = 15.4%, and df for EMS = 63.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 24, 2008.

Harvested: June 9, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.

Topdress: 60 lb N/acre.

Management: Moldboard plowed and rototilled.

Previous Crop: Peanut.

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

Griffin, Georgia: Oat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year Average ---- bu/acre ----	2-Year Average		Yield ¹ bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day
RAM LA99016	146.4	140.9	8	143.0	37.4	47	20	100	04/21
Horizon 270	143.7	137.1	11	138.4	36.3	42	3	100	04/20
TX02U7682	142.5	134.6	6	145.2	35.6	43	18	100	04/18
SS76-40	137.4	129.6	20	126.4	33.9	46	0	100	04/23
Horizon 474	132.4	113.5	21	118.1	38.9	46	0	100	04/21
TAMO 406	124.1	108.5	22	111.0	34.9	43	91	100	04/24
Horizon 201	.	150.4	3	153.5	34.9	50	20	100	04/22
TX05CS542	.	137.8	17	133.4	35.1	47	1	100	04/16
Plot Spike LA9339	.	137.1	10	138.7	36.8	48	14	100	05/01
NC01-3497	.	.	1	160.9	36.4	44	4	100	04/22
NC03-2421	.	.	2	159.1	36.5	44	0	100	04/22
TX05CS556	.	.	4	152.0	33.6	43	4	100	04/19
FL99212-06	.	.	5	145.7	35.7	43	6	100	04/25
FL0115-J2	.	.	7	143.3	33.4	48	6	100	04/25
FL0210-J1	.	.	9	141.2	35.9	47	19	100	04/27
FLQR1805-J12	.	.	12	137.1	35.0	44	53	100	04/25
FL99153-45-S1	.	.	13	135.8	36.2	44	3	100	04/24
TX05CS347-1	.	.	14	135.2	33.4	43	0	100	04/24
LA03046-7-S1	.	.	15	135.1	35.8	41	0	100	04/25
LA976-59-S1	.	.	16	134.7	34.6	42	0	100	04/27
LA03063-S4	.	.	18	129.0	36.9	44	3	100	04/16
Trophy	.	.	19	128.1	36.6	46	1	100	04/23
LA02010-SB-S1	.	.	23	104.8	47.1	47	94	100	04/21
Average	137.7	132.2		136.9 ²	36.1	45	16	100	04/23
LSD at 10% Level	N.S. ³	11.4		12.4	1.4	3	12	-	02
Std. Err. of Entry Mean	3.6	4.8		5.2	0.6	1	5	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.

2. C.V. = 7.7%, and df for EMS = 66.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: October 29, 2008.

Harvested: June 10, 2009.

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

Soil Type: Cecil sandy loam.

Soil Test: P = Low, K = High, and pH = 5.7.

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 65 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

**Griffin, Georgia:
Late-Planted Oat Grain Performance, 2008-2009**

Brand-Variety	Rank	2009	Test	Ht	Lodg.	Winter Survival	Head Date
		Yield ¹ bu/acre	Wt lb/bu					in	%	%	mo/day
Horizon 201	1	180.8	33.7	46	0	100	04/23
TX05CS542	2	174.2	33.7	46	1	100	04/21
TX02U7682	3	163.9	32.3	40	10	100	04/23
NC03-2421	4	159.9	33.8	43	0	100	04/29
NC01-3497	5	157.1	31.1	44	10	100	04/30
TX05CS347-1	6	156.0	36.1	42	0	100	05/05
FL99153-45-S1	7	155.7	37.4	41	0	100	04/30
Horizon 270	8	155.2	34.8	40	0	100	04/25
LA03046-7-S1	9	152.8	32.1	39	0	100	05/03
SS76-40	10 ^T	151.0	32.0	41	1	100	05/04
FL0115-J2	10 ^T	151.0	32.8	44	3	100	05/03
FL0210-J1	11	149.7	33.6	45	0	100	05/03
Horizon 474	12	148.3	37.9	43	0	100	04/23
LA99016	13	147.4	36.5	43	1	100	04/25
FL99212-06	14	146.8	32.8	41	1	100	05/03
TX05CS556	15	140.3	31.9	39	0	100	04/26
FLQR1805-J12	16	140.0	32.6	43	0	100	04/30
Plot Spike LA9339	17	139.2	37.1	42	0	100	04/23
LA03063-S4	18	130.8	35.3	41	13	100	04/21
LA976-59-S1	19	129.3	32.5	41	0	100	05/05
Trophy	20	125.9	32.9	43	0	100	05/03
TAMO 406	21	124.6	32.7	45	30	100	05/03
LA02010-SB-S1	22	95.3	44.8	46	3	100	04/26
Average		146.7 ²	34.3	42	3	100	04/28
LSD at 10% Level		13.5	10.8	2	11	-	02
Std. Err. of Entry Mean		5.7	0.3	1	5	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.

2. C.V. = 7.8%, and df for EMS = 66.

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

Planted: November 24, 2008.

Harvested: June 15, 2009.

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

Soil Type: Cecil sandy loam.

Soil Test: P = Low, K = High, and pH = 5.7.

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 65 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia: Oat Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	2009 Data					
	3-Year	2-Year		Yield ¹	Test	Height	Lodging	Winter	Head
	Average	Average							
--- bu/acre ---			bu/acre	lb/bu		%	%	mo/day	
Horizon 270	91.2	94.4	1	112.5	31.9	47	30	100	04/24
TX02U7682	84.6	87.2	7	102.4	30.1	47	61	100	04/21
RAM LA99016	82.8	80.7	18	80.4	33.7	56	73	100	04/24
TAMO 406	79.9	77.8	16	89.4	33.8	48	49	100	04/27
SS76-40	77.7	68.9	21	50.2	29.4	49	83	100	04/29
TX05CS542	.	102.9	3	106.6	30.8	47	20	100	04/18
Horizon 201	.	96.7	2	109.6	31.4	48	71	100	04/21
Plot Spike LA9339	.	95.1	9	101.0	34.0	57	30	100	04/30
LA03046-7-S1	.	.	4	105.3	31.6	44	25	100	04/27
TX05CS347-1	.	.	5	104.6	33.1	50	48	100	04/28
NC01-3497	.	.	6	102.9	32.0	46	58	100	04/28
LA976-59-S1	.	.	8	102.0	32.4	46	11	100	04/27
LA03063-S4	.	.	10	100.7	33.0	44	9	100	04/17
NC03-2421	.	.	11	98.8	31.9	49	66	100	04/28
FL0115-J2	.	.	12	97.0	29.4	50	21	100	04/28
Trophy	.	.	13 ^T	95.1	32.6	54	26	100	04/28
FL99212-06	.	.	13 ^T	95.1	31.6	46	35	100	04/28
TX05CS556	.	.	14	90.5	30.9	46	39	100	04/24
FL99153-45-S1	.	.	15	90.3	34.1	49	43	100	04/30
FLQR1805-J12	.	.	17	82.8	30.8	48	56	100	04/27
FL0210-J1	.	.	19	69.2	30.3	56	88	100	04/28
LA02010-SB-S1	.	.	20	56.1	43.3	54	63	100	04/24
Average	83.2	87.9		92.8 ²	32.3	49	46	100	04/25
LSD at 10% Level	N.S. ³	N.S.		18.8	1.0	4	38	-	03
Std. Err. of Entry Mean	3.7	5.2		8.0	0.4	2	16	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.

2. C.V. = 17.1%, and df for EMS = 63.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: October 22, 2008.

Harvested: June 15, 2009.

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

Soil Type: Wax loam.

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

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.

Topdress: 70 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Soybeans.

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

Marianna, Florida: Oat Grain Performance, 2008-2009

Brand-Variety	Rank	2009		Ht in	Lodging %	Winter Survival %	Head Date mo/day
		Yield ¹ bu/acre	Test Wt lb/bu				
NC03-2421	1	146.0	33.0	43	15	100	03/31
TX05CS542	2	142.5	31.4	45	25	100	04/02
FL0210-J1	3	134.6	33.3	50	20	100	04/06
FL99212-06	4	133.9	31.7	45	25	100	04/09
FL0115-J2	5	133.4	31.0	46	15	100	04/07
Plot Spike LA9339	6	131.9	32.3	47	38	100	04/12
Horizon 201	7	130.3	32.6	51	30	100	04/05
TX05CS347-1	8	126.5	34.2	43	15	100	04/07
Horizon 270	9	125.3	32.6	41	48	100	03/30
LA976-59-S1	10	124.2	32.0	41	18	100	04/08
NC01-3497	11	123.6	29.4	45	60	100	04/09
LA03046-7-S1	12	122.5	32.3	42	20	100	04/07
FLQR1805-J12	13	112.6	33.6	44	33	100	04/05
LA03063-S4	14	112.0	33.6	42	8	100	03/29
Trophy	15 ^T	111.2	34.9	49	48	100	04/02
LA99016	15 ^T	111.2	33.6	48	38	100	04/06
Horizon 474	16	109.1	33.3	43	53	100	03/31
TAMO 406	17	108.7	34.2	46	55	100	04/08
FL99153-45-S1	18	106.1	33.0	45	45	100	04/12
TX02U7682	19	102.6	33.9	46	30	100	04/08
TX05CS556	20	101.9	28.8	43	68	100	04/06
LA02010-SB-S1	21	74.4	37.4	49	45	100	03/31
Average		119.3 ²	32.8	45	34	100	04/05
LSD at 10% Level		9.6	-	2	11	-	-
Std. Err. of Entry Mean		4.0	-	1	5	-	-

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.

2. C.V. = 6.8%, and df for EMS = 63.

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

Planted: December 16, 2008.

Harvested: June 3, 2009.

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

Soil Type: Orangeburg loamy sand.

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

Fertilization: Preplant: 54 lb N, 27 lb P₂O₅, and 54 lb K₂O/acre.

Topdress: 50 lb N/acre.

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

Test conducted by J. Jones.

Summary of Oat Yields: Georgia, 2008-2009 with Two- and Three-Year Averages

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide		
	3-Year Average	2-Year Average	2009	3-Year Average	2-Year Average	2009	3-Year Average	2-Year Average	2009
	----- bu/acre -----								
<u>Commercial Lines</u>									
Horizon 201	.	123.7	112.2	.	123.5	131.5	.	123.6	119.9
Horizon 270	121.6	120.2	110.3	117.5	115.7	125.5	119.9	118.4	116.3
Horizon 474	107.4	93.7	84.4	.	.	.	.	.	.
Plot Spike LA9339	.	114.4	115.3	.	116.1	119.9	.	115.1	117.1
RAM LA99016	114.9	112.8	101.4	114.6	110.8	111.7	114.8	112	105.5
SS76-40	.	.	.	107.5	99.2	88.3	.	.	.
TAMO 406	107.3	105.9	99.6	102.0	93.2	100.2	105.2	100.8	99.9
Trophy	.	.	101.5	.	.	111.6	.	.	105.5
<i>Average</i>	<i>112.8</i>	<i>111.8</i>	<i>103.5</i>	<i>110.4</i>	<i>109.8</i>	<i>110.4</i>	<i>113.3</i>	<i>114.0</i>	<i>110.7</i>
<u>Experimental Lines</u>									
FL0115-J2	.	.	104.8	.	.	120.1	.	.	110.9
FL0210-J1	.	.	104.1	.	.	105.2	.	.	104.5
FL99153-45-S1	.	.	102.3	.	.	113.1	.	.	106.6
FL99212-06	.	.	114.5	.	.	120.4	.	.	116.9
FLQR1805-J12	.	.	84.0	.	.	109.9	.	.	94.4
LA02010-SB-S1	.	.	72.8	.	.	80.5	.	.	75.9
LA03046-7-S1	.	.	98.5	.	.	120.2	.	.	107.2
LA03063-S4	.	.	89.6	.	.	114.9	.	.	99.7
LA976-59-S1	.	.	99.2	.	.	118.4	.	.	106.9
NC01-3497	.	.	108.9	.	.	131.9	.	.	118.1
NC03-2421	.	.	119.7	.	.	128.9	.	.	123.4
TX02U7682	116.1	103.6	86.3	113.5	110.9	123.8	115.1	106.5	101.3
TX05CS347-1	.	.	102.9	.	.	119.9	.	.	109.7
TX05CS542	.	116.5	106.4	.	120.4	120.0	.	118.1	111.8
TX05CS556	.	.	100.3	.	.	121.3	.	.	108.7
<i>Average</i>	<i>116.1</i>	<i>110.0</i>	<i>99.6</i>	<i>113.5</i>	<i>115.6</i>	<i>116.6</i>	<i>115.1</i>	<i>112.3</i>	<i>106.4</i>
<i>Overall test averages and statistics:</i>									
Average	113.5	111.4	100.9	111.0	111.2	115.3	113.8	113.5	107.6
LSD at 10% Level	5.6	6.9	9.3	N.S. ⁴	11.5	15.9	5.5	6.0	8.3
Std. Err. of Entry Mean	2.5	3.0	4.0	4.8	4.9	6.8	2.3	2.6	3.6

1. Yields calculated at 32 pounds per bushel at 12.5% moisture.

2. Tifton, Plains, and Midville.

3. Griffin and Calhoun.

4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Rye

Tifton, Georgia: Rye Grain Performance, 2008-2009

Brand-Variety	Yield ¹		2009 Data						
	3-Year Average	2-Year Average	Rank	Yield ¹	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	---- bu/acre ----	----		bu/acre	lb/bu	in	%	%	mo/day
Wintergrazer 70	40.3	31.6	2	19.6	.	64	90	100	03/24
Wrens 96	37.1	32.4	1	25.1	.	66	90	100	03/26
NF95307A	32.9	27.6	3	15.1	.	60	90	100	03/26
Maton II	32.5	24.8	6	11.8	.	62	90	100	03/27
Bates RS4	32.1	25.0	4	13.8	.	60	90	100	03/27
Oklon	29.6	22.3	5	13.1	.	64	90	100	03/30
Average	34.1	27.3		16.4 ²	.	63	90	100	03/26
LSD at 10% Level	3.0	3.2		3.2		-	-	-	01
Std. Err. of Entry Mean	2.2	1.4		1.3		-	-	-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.

2. C.V. = 15.6%, and df for EMS = 15.

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

Planted: November 20, 2008.

Harvested: June 2, 2009.

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

Soil Type: Dothan loamy sand.

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

Fertilization: Preplant: 60 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 40 lb N/acre.

Management: Paratilled and rototilled; Harmony Extra used for weed control.

Previous Crop: Summer fallow.

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

Griffin, Georgia: Rye Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	Yield ¹ bu/acre	2009 Data				
	3-Year Average ----- bu/acre	2-Year Average ----- bu/acre			Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day
Bates RS4	45.4	41.3	4	32.9	48.5	53	53	100	04/08
NF95307A	42.1	38.2	3	35.4	50.4	55	43	100	04/07
Oklon	41.7	38.1	1	40.0	52.3	57	58	100	04/09
Wrens 96	41.3	39.9	2	37.9	51.1	59	55	100	04/05
Maton II	41.2	38.3	6	24.8	50.0	57	63	100	04/08
Wintergrazer 70	40.6	37.9	5	31.3	42.1	55	53	100	04/07
Average	42.1	38.9		33.7 ²	49.1	56	54	100	04/07
LSD at 10% Level	N.S. ³	N.S.		5.3	N.S.	N.S.	N.S.	-	01
Std. Err. of Entry Mean	1.3	1.5		2.1	2.9	2	7	-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.

2. C.V. = 10.6%, and df for EMS = 183.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: October 29, 2008.

Harvested: June 3, 2009.

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

Soil Type: Cecil sandy loam.

Soil Test: P = Low, K = High, and pH = 5.7.

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 65 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Rye Grain Performance, 2008-2009

Brand-Variety	Yield ¹		Rank	Yield ¹ bu/acre	2009 Data				
	3-Year Average ---- bu/acre ----	2-Year Average ---- bu/acre ----			Test Wt lb/bu	Ht in	Lodg. %	Winter Survival %	Head Date mo/day
Wintergrazer 70	25.8	21.3	3	29.6	48.6	.	.	100	03/18
NF95307A	25.2	21.3	1	32.9	49.9	.	.	100	03/20
Wrens 96	24.8	20.7	6	25.5	48.6	.	.	100	03/19
Bates RS4	24.3	20.4	2	31.0	48.6	.	.	100	03/22
Maton II	21.7	17.3	5	25.6	47.4	.	.	100	03/21
Oklon	18.1	16.4	4	26.4	48.6	.	.	100	04/05
Average	23.3	19.6		28.5 ²	48.6	.	.	100	03/22
LSD at 10% Level	2.8	N.S. ³		4.6	-			-	01
Std. Err. of Entry Mean	1.2	1.2		1.9	-			-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.

2. C.V. = 13.2%, and df for EMS = 15.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: December 16, 2008.

Harvested: June 3, 2009.

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

Soil Type: Orangeburg loamy sand.

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

Fertilization: Preplant: 54 lb N, 27 lb P₂O₅, and 54 lb K₂O/acre.

Topdress: 50 lb N/acre.

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

Test conducted by J. Jones.

Summary of Rye Yields: Georgia, 2008-2009 with Two- and Three-Year Averages

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide		
	3-Year Average	2-Year Average	2009	3-Year Average	2-Year Average	2009	3-Year Average	2-Year Average	2009
	----- bu/acre -----								
Bates RS4	32.1	25.0	13.8	45.4	41.3	32.9	38.7	33.2	23.4
Maton II	32.5	24.8	11.8	41.2	38.3	24.8	36.8	31.6	18.3
NF95307A	32.9	27.6	15.1	42.1	38.2	35.4	37.5	32.9	25.2
Oklon	29.6	22.3	13.1	41.7	38.1	40.0	35.6	30.2	26.5
Wintergrazer 70	40.3	31.6	19.6	40.6	37.9	31.3	40.4	34.7	25.4
Wrens 96	37.1	32.4	25.1	41.3	39.9	37.9	39.2	36.2	31.5
Average	34.1	27.3	16.4	42.1	39.0	33.7	38.0	33.1	25.1
LSD at 10% Level	3.0	3.2	3.2	N.S. ²	N.S.	5.3	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	2.2	1.4	1.3	1.5	1.3	2.1	0.8	1.0	1.2

1. Yields calculated at 56 pounds per bushel at 13.0% moisture.

2. Tifton.

3. Griffin.

4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Wheat

Tifton, Georgia: Wheat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	1-22-09	2-23-09	3-24-09	2009	2-Yr Avg
----- lb/acre -----					
AGS 2026	671	970	1420	3061	.
SS8641	976	816	1185	2977	6062
Pioneer 26R61	770	1202	807	2779	5238
FL01029-K1	775	1057	889	2721	.
USG 3592	488	834	1394	2716	6296
AGS 2020	642	1066	990	2698	.
AGS 2031	442	851	1374	2666	.
USG 3209	508	804	1255	2567	.
Fleming	1063	421	892	2376	.
Panola	375	561	1438	2373	5705
USG 3295	354	741	1208	2303	.
AGS 2060	839	729	723	2291	.
Coker 9553	395	503	1383	2280	5692
Average	638	812	1150	2600 ¹	5799
LSD at 10% Level	157	161	106	266	N.S. ²
Std. Err. of Entry Mean	66	68	44	112	176

1. C.V. = 8.5%, and df for EMS = 36.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: November 20, 2008.

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

Soil Type: Tifton sandy loam.

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

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.

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

Management: Subsoiled and rototilled.

Previous Crop: Oat.

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

Plains, Georgia: Wheat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield					Cold Damage ¹ %
	Harvest Date			Season Totals		
	1-27-09	2-25-09	3-24-09	2009	2-Yr Avg	
	----- lb/acre -----					
AGS 2026	1557	1025	2300	4882	.	4
USG 3592	1348	1011	2219	4577	5429	0
SS8641	1664	932	1859	4455	5385	1
Pioneer 26R61	1559	883	1557	3999	5065	23
FL01029-K1	1606	686	1624	3915	.	14
USG 3209	1051	883	1928	3863	.	5
AGS 2060	1545	653	1484	3683	.	23
Coker 9553	671	805	2135	3610	4584	1
AGS 2020	1167	645	1661	3473	.	3
Panola	555	758	2015	3328	4820	3
USG 3295	712	781	1774	3267	.	0
AGS 2031	613	651	1696	2959	.	0
Average	1171	809	1854	3834 ²	5057	6
LSD at 10% Level	195	126	246	384	N.S. ³	8
Std. Err. of Entry Mean	82	53	103	160	190	4

1. Rated as percent of foliage damaged by low temperature.

2. C.V. = 8.4%, and df for EMS = 33.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 23, 2008.

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

Soil Type: Greenville sandy clay loam.

Soil Test: P = Low, K = High, and pH = 6.1.

Fertilization: Preplar 56 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

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

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

Griffin, Georgia: Wheat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date			2009	2-Yr Avg	
	2-17-09	3-23-09	4-27-09			
----- lb/acre -----						
Coker 9553	1184	1893	4655	7732	7542	
FL01029-K1	1538	2027	3926	7490	.	
AGS 2031	1112	2048	4220	7380	.	
AGS 2026	1668	2040	3542	7250	.	
Pioneer 26R61	1718	2103	3205	7026	7632	
SS8641	1276	1886	3462	6624	7658	
USG 3295	1110	1827	3624	6560	.	
USG 3592	1095	2007	3234	6335	7376	
Panola	1154	1985	3172	6311	6898	
AGS 2060	1738	2094	2385	6216	.	
Average	1359	1991	3542	6892 ¹	7421	
LSD at 10% Level	347	N.S. ²	685	884	N.S.	
Std. Err. of Entry Mean	144	263	284	367	330	

1. C.V. = 10.6%, and df for EMS = 27.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 16, 2008.

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

Soil Type: Cecil sandy loam.

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

Fertilization: Preplant: 35 lb N, 70 lb P₂O₅, and 105 lb K₂O/acre.

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

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Wheat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2009	2-Yr Avg
	1-14-09	2-17-09	3-18-09	4-15-09		
	----- lb/acre -----					
USG 3592	240	733	1304	2545	4821	3796
AGS 2026	251	395	1348	2428	4422	.
Coker 9553	169	348	1635	2266	4417	3558
Panola	178	509	1587	1964	4238	3665
AGS 2031	122	364	1510	2094	4089	.
SS8641	478	587	1057	1941	4063	3645
USG 3295	313	259	1164	2233	3969	.
Pioneer 26R61	342	827	1680	608	3457	2955
FL01029-K1	277	863	1520	455	3114	.
Average	263	543	1423	1837	4066 ¹	3524
LSD at 10% Level	128	133	229	366	632	N.S. ²
Std. Err. of Entry Mean	53	55	94	152	261	326

1. C.V. = 12.8%, and df for EMS = 24.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 22, 2008.

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

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N and 30 lb K-Mag/acre on December 15, 2008; 51 lb N/acre after 1st and 2nd harvests; and 51 lb N and 30 lb K-Mag/acre after 3rd harvest.

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

Previous Crop: Corn.

Test conducted by J. Jones.

**Statewide Summary:
Wheat Forage Performance, 2008-2009
with Two- and Three-Year Averages**

Brand-Variety	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
	2009	2-Yr Avg	3-Yr Avg	2009	2-Yr Avg	3-Yr Avg	2009	2-Yr Avg	3-Yr Avg	2009	2-Yr Avg	3-Yr Avg
	----- lb/acre -----											
AGS 2020	2698	.	.	3473	.	.	.	.	.	.	.	.
AGS 2026	3061	.	.	4882	.	.	7250	.	.	5064	.	.
AGS 2031	2666	.	.	2959	.	.	7380	.	.	4335	.	.
AGS 2060	2291	.	.	3683	.	.	6216	.	.	4063	.	.
Coker 9553	2280	5692	.	3610	4584	.	7732	7542	.	4541	5939	.
FL01029-K1	2721	.	.	3915	.	.	7490	.	.	4709	.	.
Fleming	2376	.	.	.	.	.	.	.	.	.	.	.
Panola	2373	5705	6730	3328	4820	5968	6311	6898	.	4004	5808	.
Pioneer 26R61	2779	5238	6101	3999	5065	5925	7026	7632	7701	4601	5978	6576
SS8641	2977	6062	6857	4455	5385	6455	6624	7658	7763	4685	6368	7025
USG 3209	2567	.	.	3863	.	.	.	.	.	.	.	.
USG 3295	2303	.	.	3267	.	.	6560	.	.	4043	.	.
USG 3592	2716	6296	7261	4577	5429	6467	6335	7376	8261	4543	6367	7330
Average	2600	5799	6737	3834	5057	6204	6892	7421	7909	4459	6092	6977
LSD at 10% Level	266	N.S. ¹	N.S.	384	N.S.	N.S.	884	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	112	176	188	160	190	153	367	330	264	141	140	117

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

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

Triticale

Tifton, Georgia: Triticale Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield			Season Total 2009
	Harvest Date			
	1-22-09	2-23-09	3-24-09	
	----- lb/acre -----			
Trical 2700	1028	1005	1101	3133
NCPT01-1433	880	787	1319	2986
RSI00025-J1-H1-K3	1234	706	985	2925
Trical 342	1290	543	1005	2838
Monarch	1440	395	883	2718
RSI202765	401	439	973	1812
Average	1045	646	1044	2735 ¹
LSD at 10% Level	202	101	99	194
Std. Err. of Entry Mean	82	40	40	78

1. C.V. = 5.7%, and df for EMS = 15.

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

Planted: November 20, 2008.

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

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.

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

Management: Subsoiled and rototilled.

Previous Crop: Oat.

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

Plains, Georgia: Triticale Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield			Season Total	Cold Damage ¹
	Harvest Date				
	1-27-09	2-25-09	3-24-09	2009	%
	----- lb/acre -----				
Trical 2700	2242	482	1647	4371	0
NCPT01-1433	1911	593	1713	4217	5
RSI202765	1531	799	1734	4063	3
Monarch	2198	279	1298	3776	25
RSI00025-J1-H1-K3	2004	322	1432	3758	10
Trical 342	1951	261	1127	3339	28
Average	1973	456	1492	3920 ²	12
LSD at 10% Level	208	97	144	258	9
Std. Err. of Entry Mean	84	39	58	104	4

1. Rated as percent of foliage damaged by low temperature.

2. C.V. = 5.3%, and df for EMS = 15.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 23, 2008.

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

Soil Type: Greenville sandy clay loam.

Soil Test: P = Low, K = High, and pH = 6.1.

Fertilization: Preplant: 56 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

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

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

**Griffin, Georgia:
Triticale Forage Performance, 2008-2009**

Brand-Variety	Dry Matter Yield		
	Harvest Date		Season Total
	1-21-09	3-23-09	2009
	----- lb/acre -----		
Trical 2700	1189	4754	5943
RSI00025-J1-H1-K3	1537	3736	5273
Trical 342	1542	3640	5182
Monarch	1834	3319	5153
NCPT01-1433	1328	3591	4919
RSI202765	401	3795	4196
Average	1305	3806	5111 ¹
LSD at 10% Level	495	N.S. ²	N.S.
Std. Err. of Entry Mean	200	625	561

1. C.V. = 21.9%, and df for EMS = 15.
 2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.
- Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 16, 2008.
 Seeding Rate: 36 seed/foot in 7" rows
 Soil Type: Cecil sandy loam.
 Soil Test: P = High, K = Very High, and pH = 6.2.
 Fertilization: Preplant: 35 lb N, 70 lb P₂O₅, and 105 lb K₂O/acre.
 Topdress: 50 lb N/acre after 1st harvest.
 Management: Chisel plowed, disked and rototilled.
 Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Triticale Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Total 2009
	Harvest Date				
	1-13-09	2-17-09	3-18-09	4-15-09	
	----- lb/acre -----				
NCPT01-1433	763	662	2129	223	3776
Trical 2700	638	1001	939	636	3213
RSI00025-J1-H1-K3	1107	309	1604	118	3137
Trical 342	944	442	1465	71	2921
Monarch	1090	279	1141	55	2565
RSI202765	128	441	1603	259	2430
Average	778	522	1480	227	3007 ¹
LSD at 10% Level	146	154	278	103	350
Std. Err. of Entry Mean	59	62	112	42	141

1. C.V. = 9.3%, and df for EMS = 15.

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

Planted: October 22, 2008.

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

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N and 30 lb K-Mag/acre on December 15, 2008; 51 lb N/acre after 1st and 2nd harvests; and 51 lb N and 30 lb K-Mag/acre after 3rd harvest.

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

Previous Crop: Corn.

Test conducted by J. Jones.

**Statewide Summary:
Triticale Forage Performance, 2008-2009**

Brand-Variety	2009 Dry Forage Yield			Statewide
	Tifton	Plains	Griffin	
	----- lb/acre -----			
Monarch	2718	3776	5153	3882
NCPT01-1433	2986	4217	4919	4040
RSI00025-J1-H1-K3	2925	3758	5273	3985
RSI202765	1812	4063	4196	3357
Trical 2700	3133	4371	5943	4482
Trical 342	2838	3339	5182	3786
Average	2735	3920	5111	3922
LSD at 10% Level	194	258	N.S. ¹	554
Std. Err. of Entry Mean	78	104	561	192

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

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

Oat

Tifton, Georgia: Oat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield					
	Harvest Date				Season Totals	
	1-22-09	2-23-09	3-24-09	4-30-09	2009	2-Yr Avg
----- lb/acre -----						
Horizon 201	1054	1086	1310	3258	6708	7792
RAM LA99016	1031	1194	1266	3189	6679	7553
FL0210-J1	1153	1133	1188	3197	6670	.
LA99017-275-S2	627	1409	1461	3165	6662	.
Plot Spike LA9339	755	1313	1292	2965	6325	7440
TX05CS347-1	587	1400	1293	3041	6320	.
TAMO 406	758	1298	1243	2916	6214	7140
SS76-40	775	1359	1295	2773	6203	7422
Horizon 474	1017	1168	1368	2567	6119	7979
TX05CS542	866	1217	1298	2680	6061	7219
Horizon 270	1199	979	1240	2596	6014	7817
FLQR1805-J12	1557	532	953	2750	5791	.
FL99212-06	1034	935	1078	2742	5788	.
FL99153-45-S1	447	1173	1371	2788	5779	.
TX02U7682	1078	961	1095	2544	5678	7166
TX05CS556	1220	895	1051	2445	5611	.
LA976-59-S1	854	973	1278	2448	5553	.
FL0115-J2	912	967	1136	2477	5492	.
LA02010-SB-S1	546	1188	1202	2489	5425	.
Average	919	1115	1232	2791	6057 ¹	7503
LSD at 10% Level	172	109	109	262	266	N.S. ²
Std. Err. of Entry Mean	72	46	46	111	112	254

1. C.V. = 3.7%, and df for EMS = 54.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: November 20, 2008.

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

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Subsoiled and rototilled.

Previous Crop: Oat.

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

Plains, Georgia: Oat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield					Cold Damage ¹ %
	Harvest Date			Season Totals		
	1-27-09	2-25-09	3-24-09	2009	2-Yr Avg	
----- lb/acre -----						
TX05CS347-1	1710	476	1666	3852	.	28
LA99017-275-S2	1258	569	1934	3761	.	1
TAMO 406	1101	552	1975	3627	4654	0
FL99153-45-S1	898	746	1940	3584	.	1
LA02010-SB-S1	744	523	2103	3369	.	3
TX05CS542	1202	433	1574	3209	4656	14
SS76-40	1705	253	1062	3019	4426	38
LA976-59-S1	1095	462	1429	2985	.	15
Horizon 270	1722	195	1022	2939	4386	59
Horizon 474	1641	177	1098	2916	4348	63
Horizon 201	1470	250	1191	2910	4278	46
Plot Spike LA9339	1583	288	1019	2889	4237	60
RAM LA99016	1522	299	1011	2831	4362	63
FL0210-J1	1519	265	929	2713	.	60
TX05CS556	1324	282	1043	2649	.	50
TX02U7682	1574	151	863	2587	4014	59
FLQR1805-J12	1827	70	357	2253	.	90
FL99212-06	1423	145	604	2172	.	75
FL0115-J2	1353	137	401	1891	.	85
Average	1404	330	1222	2955 ²	4373	43
LSD at 10% Level	273	145	327	286	N.S. ³	28
Std. Err. of Entry Mean	115	61	138	121	150	12

1. Rated as percent of foliage damaged by low temperature.

2. C.V. = 8.2%, and df for EMS = 54.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 23, 2008.

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

Soil Type: Greenville sandy clay loam.

Soil Test: P = Low, K = High, and pH = 6.1.

Fertilization: Prepla 56 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

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

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

Griffin, Georgia: Oat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date					
	1-22-09	2-23-09	3-24-09	4-30-09	2009	2-Yr Avg
	----- lb/acre -----					
LA99017-275-S2	1163	2848	2686	1382	8079	.
SS76-40	1763	2724	2229	1194	7910	7241
TAMO 406	1091	2717	2224	1813	7844	6413
LA976-59-S1	1420	2138	2304	1433	7295	.
TX05CS347-1	1112	2902	2158	1106	7277	.
FL99153-45-S1	1159	2796	2239	939	7133	.
TX02U7682	1464	1774	2833	943	7013	6088
Horizon 270	1539	2174	2268	976	6957	6342
Horizon 201	1726	2433	2632	0	6790	6656
RAM LA99016	1577	2087	3073	0	6737	6189
TX05CS542	1681	2088	2885	0	6654	6278
TX05CS556	1331	1667	2450	950	6398	.
Horizon 474	1399	2744	2098	0	6241	5791
FL0210-J1	1080	1771	3011	0	5863	.
Plot Spike LA9339	1222	2637	1995	0	5853	6182
LA02010-SB-S1	1092	2638	2008	0	5738	.
FL99212-06	1183	1277	2666	0	5126	.
FL0115-J2	1018	1638	2199	0	4855	.
FLQR1805-J12	527	1294	2662	0	4482	.
Average	1292	2229	2454	1193	6539 ¹	6353
LSD at 10% Level	362	407	N.S. ²	N.S.	861	N.S.
Std. Err. of Entry Mean	153	172	285	221	364	235

1. C.V. = 11.1%, and df for EMS = 54.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 16, 2008.

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

Soil Type: Cecil sandy loam.

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

Fertilization: Preplant: 35 lb N, 70 lb P₂O₅, and 105 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Oat Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2009	2-Yr Avg
	1-13-09	2-25-09	3-25-09	4-23-09		
	----- lb/acre -----					
LA99017-275-S2	817	1331	2588	1970	6705	.
TX05CS347-1	1046	1504	1981	1577	6108	.
FL0210-J1	956	949	1781	2262	5947	.
FL99153-45-S1	1087	968	2211	1387	5652	.
SS76-40	957	1228	2016	1397	5598	4666
TX05CS542	1207	909	2053	1336	5505	4386
RAM LA99016	1137	1006	1796	1417	5356	4391
Horizon 201	1362	728	1917	1338	5345	4746
Plot Spike LA9339	1038	1076	1908	1259	5280	4153
TX02U7682	1097	933	1910	1145	5084	4267
FL99212-06	1071	962	1567	1404	5004	.
TAMO 406	677	908	2323	991	4899	3782
Horizon 474	1190	1024	2142	496	4851	4126
TX05CS556	1217	858	1500	1116	4691	.
LA976-59-S1	1172	688	1844	968	4672	.
Horizon 270	991	472	1887	1317	4667	3810
LA02010-SB-S1	814	1068	1905	849	4635	.
FL0115-J2	1240	452	1475	1277	4443	.
FLQR1805-J12	1626	381	1009	772	3788	.
Average	1089	918	1885	1278	5170 ¹	4258
LSD at 10% Level	255	273	274	378	573	464
Std. Err. of Entry Mean	108	116	116	160	242	195

1. C.V. = 9.3%, and df for EMS = 54.

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

Planted: October 21, 2008.

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

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N and 30 lb K-Mag/acre on December 15, 2008; 51 lb N/acre after 1st and 2nd harvests; and 51 lb N and 30 lb K-Mag/acre after 3rd harvest.

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

Previous Crop: Corn.

Test conducted by J. Jones.

**Statewide Summary:
Oat Forage Performance, 2008-2009
with Two- and Three-Year Averages**

Brand-Variety	Dry Forage Yield								
	Tifton		Plains		Griffin		Statewide		
	2009	3-Year Average	2009	3-Year Average	2009	3-Year Average	2009	2-Year Average	3-Year Average
----- lb/acre -----									
FL0115-J2	5492	.	1891	.	4855	.	4079	.	.
FL0210-J1	6670	.	2713	.	5863	.	5082	.	.
FL99153-45-S1	5779	.	3584	.	7133	.	5498	.	.
FL99212-06	5788	.	2172	.	5126	.	4362	.	.
FLQR1805-J12	5791	.	2253	.	4482	.	4175	.	.
Horizon 201	6708	.	2910	.	6790	.	5469	6242	.
Horizon 270	6014	7629	2939	5382	6957	5623	5303	6182	6211
Horizon 474	6119	7609	2916	5298	6241	5168	5092	6039	6025
LA02010-SB-S1	5425	.	3369	.	5738	.	4844	.	.
LA976-59-S1	5553	.	2985	.	7295	.	5277	.	.
LA99017-275-S2	6662	.	3761	.	8079	.	6167	.	.
Plot Spike LA9339	6325	.	2889	.	5853	.	5022	5953	.
RAM LA99016	6679	7244	2831	5396	6737	5179	5416	6035	5939
SS76-40	6203	6974	3019	5329	7910	6170	5710	6363	6158
TAMO 406	6214	6806	3627	5543	7844	5183	5895	6069	5844
TX02U7682	5678	7014	2587	5040	7013	5252	5093	5756	5768
TX05CS347-1	6320	.	3852	.	7277	.	5816	.	.
TX05CS542	6061	.	3209	.	6654	.	5308	6051	.
TX05CS556	5611	.	2649	.	6398	.	4886	.	.
Average	6057	7213	2955	5331	6539	5429	5184	6077	5991
LSD at 10% Level	266	N.S. ¹	286	N.S.	861	N.S.	736	N.S.	N.S.
Std. Err. of Entry Mean	112	192	121	129	364	223	133	126	107

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

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

Rye

Tifton, Georgia: Rye Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	1-22-09	2-23-09	3-24-09	2009	2-Yr Avg
----- lb/acre -----					
Florida 401	2634	340	950	3924	.
NF95307A	1333	1188	1356	3877	6841
Wintergrazer 70	1252	1145	1339	3735	6411
Maton II	1243	1202	1278	3723	6855
Bates RS4	1275	1170	1263	3708	6866
Wrens 96	1324	1104	1205	3633	6175
FL4X404	1487	744	1179	3409	.
Oklon	979	993	1435	3406	6683
Average	1441	986	1251	3677 ¹	6638
LSD at 10% Level	204	83	122	219	N.S. ²
Std. Err. of Entry Mean	84	34	50	90	226

1. C.V. = 4.9%, and df for EMS = 21.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: November 20, 2008.
 Seeding Rate: 36 seed/foot in 7" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = Medium, K = Medium, and pH = 6.1.
 Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.
 Topdress: 50 lb N/acre after 1st and 2nd harvests.
 Management: Subsoiled and rototilled.
 Previous Crop: Oat.

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

**Plains, Georgia:
Rye Forage Performance, 2008-2009**

Brand-Variety	Dry Matter Yield					Cold Damage ¹ %
	Harvest Date			Season Totals		
	1-27-09	2-25-09	3-24-09	2009	2-Yr Avg	
----- lb/acre -----						
Maton II	2158	860	1940	4958	5643	13
Bates RS4	2010	825	2013	4847	5952	1
Oklon	1696	973	2076	4745	5864	0
NF95307A	1824	830	1931	4585	5636	1
Wrens 96	1812	726	1858	4397	5818	0
Florida 401	2544	346	1493	4382	.	11
Wintergrazer 70	1864	787	1670	4321	5621	10
FL4X404	1847	357	1391	3596	.	5
Average	1969	713	1796	4479 ²	5756	5
LSD at 10% Level	181	101	172	321	N.S. ³	5
Std. Err. of Entry Mean	74	42	71	132	158	2

1. Rated as percent of foliage damaged by low temperature.
2. C.V. = 5.9%, and df for EMS = 21.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 23, 2008.
 Seeding Rate: 36 seed/foot in 7" rows.
 Soil Type: Greenville sandy clay loam.
 Soil Test: P = Low, K = High, and pH = 6.1.
 Fertilization: Preplant 56 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.
 Topdress 50 lb N/acre after 1st and 2nd harvests.
 Management: Subsoiled and rototilled.
 Previous Crop: Peanut.

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

Griffin, Georgia: Rye Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield			
	Harvest Date		Season Totals	
	1-21-09	3-23-09	2009	2-Yr Avg
----- lb/acre -----				
Wintergrazer 70	1604	7622	9227	7674
Bates RS4	1787	6234	8021	7553
NF95307A	1528	6386	7914	7127
Wrens 96	1643	5705	7347	6837
Maton II	1322	5100	6422	6454
Oklon	921	5406	6327	6884
FL4X404	1792	4195	5987	.
Average	1514	5807	7321 ¹	7088
LSD at 10% Level	320	1658	1642	N.S. ²
Std. Err. of Entry Mean	130	676	670	344

1. C.V. = 18.3%, and df for EMS = 18.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 16, 2008.

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

Soil Type: Cecil sandy loam.

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

Fertilization: Preplant: 35 lb N, 70 lb P₂O₅, and 105 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st harvest.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Rye Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2009	2-Yr Avg
	1-13-09	2-17-09	3-18-09	4-15-09		
----- lb/acre -----						
NF95307A	779	1001	2429	71	4279	3444
Bates RS4	811	911	2380	71	4173	3363
Wintergrazer 70	688	927	2303	114	4031	3331
Wrens 96	707	993	2217	78	3995	3436
Maton II	754	901	2108	71	3834	3292
Oklon	387	692	2344	397	3819	3453
Florida 401	1705	447	1554	64	3770	.
FL4X404	837	980	1413	128	3357	.
Average	833	856	2093	124	3907 ¹	3387
LSD at 10% Level	208	250	270	68	453	N.S. ²
Std. Err. of Entry Mean	86	102	111	28	186	168

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

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 22, 2008.

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

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N and 30 lb K-Mag/acre on December 15, 2008; 51 lb N/acre after 1st and 2nd harvests; and 51 lb N and 30 lb K-Mag/acre after 3rd harvest.

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

Previous Crop: Corn.

Test conducted by J. Jones.

**Statewide Summary:
Rye Forage Performance, 2008-2009
with Two- and Three-Year Averages**

Brand-Variety	Dry Forage Yield								
	Tifton		Plains		Griffin		Statewide		3-Year Average
	2009	3-Year Average	2009	3-Year Average	2009	3-Year Average	2009	2-Year Average	
----- lb/acre -----									
Bates RS4	3708	7420	4847	6532	8021	7636	5525	6790	7196
FL4X404	3409	.	3596	.	5987	.	4330	.	.
Florida 401	3924	.	4382	.	.	.	.	.	.
Maton II	3723	7393	4958	6422	6422	7571	5034	6318	7129
NF95307A	3877	7462	4585	6366	7914	8245	5459	6535	7358
Oklon	3406	7445	4745	6653	6327	7958	4826	6477	7352
Wintergrazer 70	3735	7142	4321	6502	9227	7888	5761	6569	7177
Wrens 96	3633	7026	4397	6411	7347	6978	5126	6277	6805
Average	3677	7315	4479	6481	7321	7713	5152	6494	7169
LSD at 10% Level	219	N.S. ¹	321	N.S.	1642	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	90	162	132	133	670	261	230	147	111

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

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

Ryegrass

Tifton, Georgia: Ryegrass Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2009	2-Yr Avg
	1-22-09	2-23-09	3-24-09	4-30-09		
	----- lb/acre -----					
Attain	407	1321	1484	3691	6903	7751
ME4	212	1243	1502	3778	6735	7059
Jumbo	258	1226	1545	3682	6711	7546
07-WW	395	1339	1571	3404	6708	.
TAMTBO	352	1199	1481	3656	6688	7226
Verdure	439	1214	1466	3508	6627	7205
Flying A	317	1205	1571	3444	6537	7393
Grazer	314	1263	1559	3398	6534	.
Big Boss	354	1231	1461	3432	6478	7605
Rio	401	1202	1435	3366	6403	7895
Tetrapro	511	1278	1455	3113	6357	.
Maximus	360	1043	1287	3656	6346	7076
FLX2002(LA3)LRCT	140	1136	1638	3430	6343	.
Diamond T	322	1237	1438	3325	6322	7230
FLX2003-SM	247	1060	1400	3604	6310	.
FLX2008Red4X Late	305	1246	1403	3337	6290	.
Ed	189	1132	1557	3407	6284	7417
Prine Tetraploid	360	1075	1382	3424	6241	.
Jackson	180	1124	1539	3377	6221	6598
Marshall	282	1081	1478	3319	6159	7186
TXR2006-T22	238	1019	1408	3456	6122	.
M/FLX2008(4X)ER	209	1406	1319	3168	6102	.
Oregro DH-3	383	1101	1397	3136	6017	6478
TAM 90	180	1107	1397	3241	5925	6948
ME94	175	840	1336	3467	5817	7077
Chipola(2X)	253	1348	1307	2889	5796	7345
Passerel Plus	241	1022	1316	3148	5727	6876
FL/NE X2006(Misc. 2X)LRCT	166	1043	1368	3107	5683	6375
Average	292	1169	1446	3392	6299 ¹	7173
LSD at 10% Level	171	209	126	286	546	N.S. ²
Std. Err. of Entry Mean	72	89	54	122	232	305

1. C.V. = 7.3%, and df for EMS = 81.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: November 20, 2008.

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

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Subsoiled and rototilled.

Previous Crop: Oat.

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

Plains, Georgia: Ryegrass Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2009	2-Yr Avg
	1-27-09	2-25-09	3-24-09	5-10-09		
	----- lb/acre -----					
Marshall	398	799	2126	3865	7187	6547
ME94	343	819	2286	3610	7057	6334
TAMTBO	604	903	2027	3267	6801	6211
Rio	520	787	2123	3284	6714	6215
Oregro DH-3	427	848	2120	3308	6702	6237
TXR2006-T22	418	895	1966	3395	6674	.
Verdure	680	1025	1728	3235	6668	6566
Ed	325	912	2193	3224	6653	6147
FLX2002(LA3)LRCT	244	776	2254	3375	6648	.
Jackson	430	915	2164	3107	6615	6078
FLX2008Red4X Late	459	778	2007	3366	6610	.
Big Boss	465	851	1966	3305	6586	6198
Attain	491	822	2004	3267	6583	6378
Jumbo	546	799	1949	3264	6557	6116
M/FLX2008(4X)ER	601	993	1871	3084	6549	.
ME4	183	511	2137	3714	6546	6131
Passerel Plus	436	778	2193	3107	6514	6036
Flying A	340	903	2193	3073	6508	6048
Tetrapro	421	897	1844	3340	6502	.
Maximus	418	822	1879	3383	6502	5976
FLX2003-SM	386	927	1990	3116	6418	.
Diamond T	572	854	1882	3090	6397	6124
Grazer	302	834	2204	3052	6392	.
TAM 90	334	955	2158	2936	6383	5755
Prine Tetraploid	291	735	1987	3259	6270	.
Chipola(2X)	328	927	2045	2950	6250	5841
07-WW	285	793	2152	2968	6197	.
FL/NE X2006(Misc. 2X)LRCT	218	633	2184	3142	6177	5650
Average	409	839	2058	3253	6559 ¹	6136
LSD at 10% Level	198	N.S. ²	192	254	N.S.	338
Std. Err. of Entry Mean	84	105	82	108	194	144

1. C.V. = 5.9%, and df for EMS = 81.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 23, 2008.

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

Soil Type: Greenville sandy clay loam.

Soil Test: P = Low, K = High, and pH = 6.1.

Fertilization: Preplant: 56 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

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

Griffin, Georgia: Ryegrass Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2009	2-Yr Avg
	2-16-09	3-25-09	4-24-09	5-19-09		
	----- lb/acre -----					
ME94	980	3710	4051	1189	9929	11058
Jumbo	1008	3066	4246	1220	9541	10147
Grazer	1072	3683	3727	1041	9522	.
Flying A	1321	3380	3595	1183	9479	10567
Marshall	667	3491	4263	1037	9457	11807
Oregro DH-3	999	3245	3948	1219	9410	10581
ME4	758	3463	4087	1090	9399	11559
Ed	735	3458	3929	1126	9247	10528
FLX2003-SM	827	3177	4255	980	9239	.
Rio	905	3241	4051	984	9180	10673
TAMTBO	1037	3172	3947	1009	9165	10592
FL/NE X2006(Misc. 2X)LRCT	719	3591	3696	993	8998	10804
Prine Tetraploid	1016	3024	3751	1152	8942	.
TXR2006-T22	742	3200	3475	1505	8921	.
07-WW	711	3481	3779	950	8920	.
Jackson	678	3639	3541	1056	8914	10766
Big Boss	716	3006	3921	1151	8793	10457
FLX2002(LA3)LRCT	837	3349	3447	1131	8763	.
Diamond T	710	2838	4137	1049	8734	10349
Attain	751	3094	3758	1092	8694	10071
FLX2008Red4X Late	938	3047	3661	1017	8663	.
Maximus	727	2778	4382	754	8640	9775
Chipola(2X)	907	3073	3638	900	8517	9544
Verdure	764	2757	3664	1224	8408	10152
Passerel Plus	983	3107	3013	1175	8278	9960
M/FLX2008(4X)ER	1022	3078	3264	893	8256	.
Tetrapro	801	2812	3495	1075	8183	.
TAM 90	716	2847	3650	921	8134	9622
Average	859	3207	3799	1076	8940 ¹	10474
LSD at 10% Level	310	293	609	275	877	764
Std. Err. of Entry Mean	132	124	258	117	372	325

1. C.V. = 8.3%, and df for EMS = 81.

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

Planted: October 16, 2008.

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

Soil Type: Cecil sandy loam.

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

Fertilization: Preplant: 35 lb N, 70 lb P₂O₅, and 105 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia: Ryegrass Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield					Season Totals	
	Harvest Date					2009	2-Yr Avg
	2-25-09	3-24-09	4-23-09	5-21-09	6-10-09		
----- lb/acre -----							
Marshall	2904	4106	4070	4735	929	16743	17933
Jackson	3123	3709	3883	4735	684	16134	16751
Diamond T	2221	2837	4501	5104	952	15614	16555
Oregro DH-3	3512	2810	4157	3765	1150	15393	15481
TAMTBO	2965	2798	3444	5499	655	15360	16091
FLX2002(LA3)LRCT	2327	3010	4176	4648	1157	15316	.
ME4	2405	3249	4417	3902	1337	15310	16141
ME94	2458	3386	4317	4187	831	15178	16527
Big Boss	2123	3057	4002	5029	934	15144	15982
Flying A	2883	2501	4729	4212	797	15121	15991
Passerel Plus	2733	2859	4325	4243	879	15039	16818
Tetrapro	2366	2970	4539	4217	853	14945	.
Grazer	2235	2914	4015	4828	941	14932	.
FL/NE X2006(Misc. 2X)LRCT	2431	3169	3498	4508	1053	14659	15256
Rio	2475	2860	4231	4258	735	14558	14436
TAM 90	1795	3528	3878	4688	511	14400	15269
Maximus	2345	3062	3930	4610	386	14332	15558
Ed	2195	2838	4091	4404	781	14308	16020
TXR2006-T22	1514	2700	4145	5003	859	14220	.
07-WW	2530	2987	4171	4421	.	14108	.
Verdure	2375	2484	4226	4158	828	14071	14310
Prine Tetraploid	2013	2594	4113	4545	665	13929	.
FLX2008Red4X Late	1856	3164	3991	4026	630	13666	.
Jumbo	1585	2787	3716	4802	759	13649	13326
Attain	1749	2649	4042	4176	777	13392	14962
FLX2003-SM	1452	2849	3747	4679	630	13356	.
Chipola(2X)	2137	2722	3946	3701	.	12506	.
M/FLX2008(4X)ER	2062	2095	3530	4410	.	12097	.
Average	2313	2953	4065	4482	828	14553 ¹	15745
LSD at 10% Level	874	557	N.S. ²	N.S.	951	1548	1418
Std. Err. of Entry Mean	371	237	264	419	196	658	604

1. C.V. = 9.0%, and df for EMS = 81.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 3, 2008.

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

Soil Type: Wax loam.

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

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, 3rd, and 4th harvests.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Sunflowers.

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

Marianna, Florida: Ryegrass Forage Performance, 2008-2009

Brand-Variety	Dry Matter Yield					Season Totals	
	Harvest Date					2009	2-Yr Avg
	1-22-09	2-20-09	3-23-09	4-22-09	5-20-09		
	----- lb/acre -----						
Big Boss	1032	1510	1829	2994	228	7593	5413
Prine Tetraploid	1169	1311	1602	2952	208	7241	.
Jumbo	1021	1300	1490	3070	280	7161	5779
FL/NE X2006(Misc. 2X)LRCT	757	1293	1708	3040	363	7159	5481
TAMTBO	1139	1391	1650	2822	130	7132	5469
Attain	1131	1418	1619	2805	132	7105	5342
Diamond T	1046	1272	1672	3054	.	7044	5185
FLX2003-SM	823	1395	1684	2868	191	6960	.
Verdure	1019	1386	1653	2758	142	6957	5351
FLX2008Red4X Late	1000	1448	1651	2669	126	6894	.
M/FLX2008(4X)ER	1061	1826	1741	2168	87	6882	.
ME4	1041	999	1116	3677	.	6833	5054
ME94	787	1153	1437	3439	.	6816	5050
Maximus	859	1236	1444	3237	.	6775	5782
Tetrapro	1011	1370	1283	2843	265	6771	.
TXR2006-T22	918	1293	1522	2873	80	6686	.
Oregro DH-3	1022	1344	1393	2689	128	6577	4975
Flying A	1009	1192	1495	2831	.	6528	4827
Jackson	758	1125	1469	2994	121	6467	4709
Marshall	539	878	1163	3760	93	6433	5007
FLX2002(LA3)LRCT	854	1147	1435	2864	93	6393	.
Ed	784	1281	1390	2761	82	6298	4978
Rio	965	1219	1188	2925	.	6297	5215
Chipola(2X)	1015	1470	1614	2186	.	6286	5118
07-WW	800	1159	1206	2921	115	6200	.
Passerel Plus	872	1206	1293	2651	114	6135	4870
Grazer	895	1227	1417	2420	.	5959	.
TAM 90	697	1254	1275	2654	.	5881	4527
Average	929	1289	1480	2890	157	6695 ¹	5165
LSD at 10% Level	191	193	269	314	83	585	N.S. ²
Std. Err. of Entry Mean	82	82	114	134	35	248	215

1. C.V. = 7.4%, and df for EMS = 81.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 21, 2008.

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

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

2nd

harvests; 51 lb N and 30 lb K-Mag/acre after 3rd harvest; and 51 lb N/acre after 4th

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

Previous Crop: Corn.

Test conducted by J. Jones.

**Statewide Summary:
Ryegrass Forage Performance, 2008-2009
with Two- and Three-Year Averages**

Brand-Variety	Dry Forage Yield										
	Tifton		Plains		Griffin		Calhoun		Statewide		
	2009	3-Year Avg	2009	3-Year Avg	2009	3-Year Avg	2009	3-Year Avg	2009	2-Year Avg	3-Year Avg
lb/acre											
07-WW	6708	.	6197	.	8920	.	14108	.	8983	.	.
Attain	6903	9370	6583	6813	8694	9511	13392	13140	8893	9790	9709
Big Boss	6478	9392	6586	6612	8793	9971	15144	13640	9250	10061	9904
Chipola(2X)	5796	.	6250	.	8517	.	12506	.	8267	.	.
Diamond T	6322	8865	6397	6576	8734	10123	15614	14130	9267	10064	9923
Ed	6284	9285	6653	6613	9247	10622	14308	13645	9123	10028	10041
FL/NE X2006(Misc. 2X)LRCT	5683	8413	6177	6338	8998	10461	14659	12786	8879	9521	9499
FLX2002(LA3)LRCT	6343	.	6648	.	8763	.	15316	.	9268	.	.
FLX2003-SM	6310	.	6418	.	9239	.	13356	.	8831	.	.
FLX2008Red4X Late	6290	.	6610	.	8663	.	13666	.	8807	.	.
Flying A	6537	9403	6508	6540	9479	10056	15121	13308	9411	10000	9827
Grazer	6534	.	6392	.	9522	.	14932	.	9345	.	.
Jackson	6221	8441	6615	6484	8914	10235	16134	14151	9471	10048	9828
Jumbo	6711	9413	6557	6562	9541	9748	13649	12076	9114	9284	9450
M/FLX2008(4X)ER	6102	.	6549	.	8256	.	12097	.	8251	.	.
ME4	6735	8661	6546	6689	9399	10788	15310	14102	9497	10222	10060
ME94	5817	8721	7057	6599	9929	10596	15178	14163	9495	10249	10020
Marshall	6159	8973	7187	6880	9457	11399	16743	15113	9887	10868	10591
Maximus	6346	8603	6502	6545	8640	9615	14332	12990	8955	9596	9438
Oregro DH-3	6017	8703	6702	6667	9410	10741	15393	13714	9380	9694	9956
Passerel Plus	5727	8250	6514	6565	8278	9769	15039	14074	8889	9922	9664
Prine Tetraploid	6241	.	6270	.	8942	.	13929	.	8845	.	.
Rio	6403	9589	6714	6647	9180	10727	14558	12516	9214	9805	9870
TAM 90	5925	8409	6383	6404	8134	9261	14400	13278	8710	9399	9338
TAMTBO	6688	9147	6801	6698	9165	9934	15360	13677	9503	10030	9864
TXR2006-T22	6122	.	6674	.	8921	.	14220	.	8984	.	.
Tetrapro	6357	.	6502	.	8183	.	14945	.	8997	.	.
Verdure	6627	9110	6668	6885	8408	9708	14071	12316	8943	9558	9505
Average	6299	8930	6559	6618	8940	10181	14553	13490	9088	9897	9805
LSD at 10% Level	546	591	N.S. ¹	N.S.	877	661	1548	1023	641	445	346
Std. Err. of Entry Mean	232	253	194	136	372	283	658	438	204	191	149

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

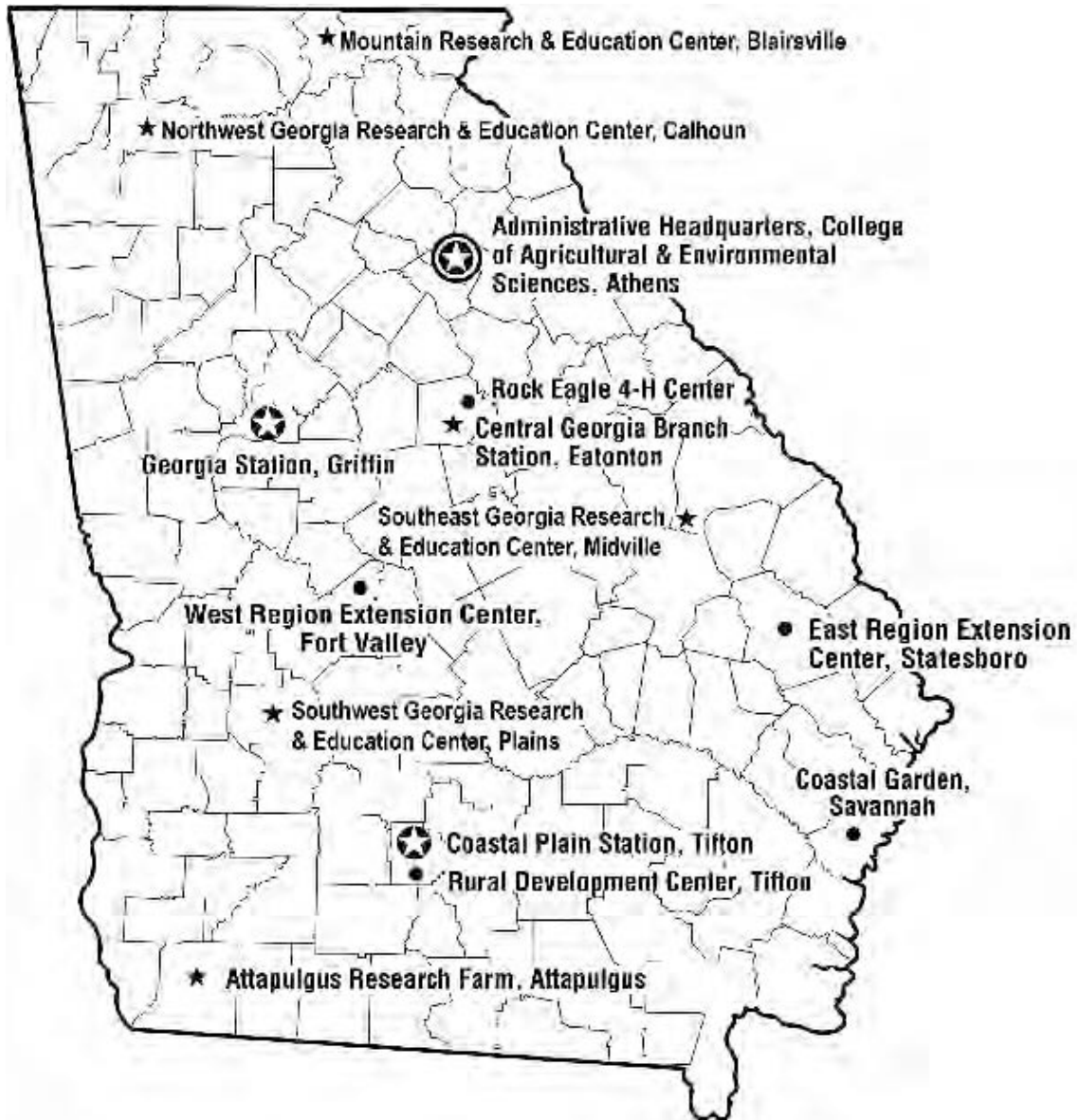
Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Sources of Seed for the 2008-2009 Small Grains Performance Tests

Crop	Variety – Seed Source
Wheat	- AGS - AGSouth Genetics, LLC, P.O. Box 72246, Albany, GA 31708.
	- Dyna-Gro Baldwin and Oglethorpe – Dyna-Gro Seed, 6221 Riverside Dr., Suite One, Dublin, OH 43017.
	- Coker 9553, Coker 9700, Magnolia, and Panola - AgriPro Coker, P.O. Box 1240, Winterville, NC 28590.
	- Fleming - Plantation Seed Conditioners, P.O. Box 398, Newton, GA 39870.
	- FL - University of Florida, NFREC, 155 Research Road, Quincy, FL 32351.
	- GA - University of Georgia - Griffin Campus, Crop & Soil Sciences Dept., 1109 Experiment St., Griffin, GA 30223-1797.
	- Jamestown, Merl, and VA - VPI & SL/VCIA/EVAREC, 2229 Menokin Road, Warsaw, VA 22572.
	- LA - Louisiana State University, Agronomy Dept., 104 Sturgis Hall, Baton Rouge, LA 70803.
	- NC03-6228 and NCPT01-1433 - North Carolina State University, 840 Method Road, Unit 3, Raleigh, NC 27695-7629.
	- Pioneer – Pioneer Hi-Bred International, Inc., 700 Blvd. South, South West, Suite 302, Huntsville, AL 35802.
	- Progeny - Progeny Ag Products, 1529 Highway 193 South, Wynne, AR 72396.
	- SS - Southern States Coop, P.O. Box 26234, Richmond, VA 23260.
	- TV8558, TV8170, TV8589, LA841, and LA482 - Terral Seed Inc., P.O. Box 826, Lake Providence, LA 71254.
	- USG - UniSouth Genetics, Inc., 2640-C Nolensville Road, Nashville, TN 37211.
Oat	- Horizon 201, Horizon 270, and Horizon 474 - Plantation Seed Conditioners, P.O. Box 398, Newton, GA 39870.
	- FL - University of Florida, NFREC, 155 Research Road, Quincy, FL 32351.
	- LA & FL99153-45-S1 - LSU Ag Center, Agronomy Dept., 221 M.B. Sturgis Hall, Baton Rouge, LA 70803.
	- Plot Spike and RAM LA99016 - Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454.
	- NC - North Carolina Foundation Seed Producers, Inc., 8220 Riley Hill Road, Zebulon, NC 27597.
	- SS - Southern States Cooperative, P.O. Box 26234, Richmond, VA 23260.
	- TAMO 406 and TX - Texas A&M University, 2747 TAMUS, College Station, TX 77843-2474.
	- Trophy - Terral Seed Inc., P.O. Box 826, Lake Providence, LA 71254.

Sources of Seed for the 2008-2009 Small Grains Performance Tests (Continued)

Crop	Variety – Seed Source
Triticale	- Trical and RSI - Resource Seeds, Inc., 2355 Rice Pike, Union, KY 41091.
	- Monarch - University of Florida, NFREC, 155 Research Road, Quincy, FL 32351.
	- NCPT01-1433 - North Carolina State University, 840 Method Road, Unit 3, Raleigh, NC 27695-7629.
Rye	- Bates RS4, Maton II, NF95307A, and Oklon - The Noble Foundation, P.O. Box 2180, Ardmore, OK 73402.
	- FL & Florida 401 - University of Florida, NFREC, 155 Research Road, Quincy, FL 32351.
	- Wintergrazer 70 - Pennington Seed, Inc., P.O. Box 290, Madison, GA 30650.
	- Wrens 96 - Georgia Seed Development Commission, 2420 S. Milledge Avenue, Athens, GA 30605.
Ryegrass	- Attain, Big Boss, Ed, and Verdure - Smith Seed Service, P.O. Box 288, Halsey, OR 97348.
	- Jumbo and Maximus - Barenbrug USA, P.O. Box 239, Tangent, OR 97839.
	- Diamond T, Flying A, FL/NE X2006(Misc 2X)LRCT, Oregro DH3, and 07-WW - Oregro Seeds, Inc., 33080 Red Bridge Road, Albany, OR 97377.
	- FLX2008Red4x Late, M/FLX2008(4X)ER, and Chipola(2X) - University of Florida, Agronomy Dept., PO Box 110500, Gainesville, FL 32611.
	- FLX2002(LA3)LRCT and FLX2003-SM – Lewis Seed Co., 31810 Fayetteville Dr., Shedd, OR 97377.
	- Grazer – UGA, 111 Riverbend Rd., Athens, GA 30602.
	- Jackson, Marshall, ME4, and ME94 - The Wax Company, Inc., P.O. Box 60, Amory, MS 38821.
	- Passerel Plus - Pennington Seed, Inc., 270 Hansard Ave., Labanon, OR 97355.
	- Prine Tetraploid - Ragan and Massey, Inc., 100 Ponchatoula Parkway, Ponchatoula, LA 70454.
	- Rio - ProSeeds Marketing, 13963 Westside Lane, Jefferson, OR 97352.
	- TAM 90, TXR2006-T22, Tetrapro, and TAMTBO - Texas A&M University, P.O. Box 200, Overton, TX 75684.



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University of Georgia

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Robert Shulstad, Associate Dean

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