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Georgia
2009-2010 Small Grain Performance Tests

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Editors

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Conversion Table

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

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

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PREFACE

Results of the 2009-2010 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, Florida. Small grain forage evaluation tests were conducted at four locations in Georgia, which included Tifton and Plains in the Coastal Plain, Griffin in the Piedmont, and Calhoun in the Limestone Valley region, and at Marianna, Florida. For identification of the test locations, consult the map inside the back cover of this report.

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

In order to have a broad base of information, a number of varieties, including experimental lines, are included in the tests, but this does not imply that all are recommended for Georgia. Varieties best suited to a specific area or for a particular purpose and agreed upon by College of Agricultural and Environmental Sciences scientists are presented on pages 4 and 5 and also in the 2010 Fall Planting Schedule for Georgia (available at your county 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: 2009 Corn Performance Tests (Annual Publication 101), 2009 Soybean, Sorghum Grain and Silage, Summer Annual Forages, and Sunflower Performance Tests (Annual Publication 103), 2009 Peanut, Cotton and Tobacco Performance Tests (Annual Publication 104), and 2008-2009 Canola Performance Tests (http://www.swvt.uga.edu/canola.html).

This report, along with performance test information on other crops, is also available at our web site **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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2009-2010 SMALL GRAIN PERFORMANCE TESTS

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

The Season

Georgia farmers in the fall of 2009, for the first time in a decade, faced adequate soil moistures for the small grain planting season. Rain continued through the fall with Hurricane Ida dropping excessive amounts around September 10th. With the hindrance of wet fields, land preparation and planting of small grain was delayed or not planted. Georgia wheat producers seeded 200,000 acres of wheat during the 2009-2010 crop year, a decrease of 170,000 acres, or 46% less than the previous year. Rye producers seeded 190,000 acres, 5% less than last year; oat acreage also decreased 29%, totaling 50,000 acres.

Rainfall amounts recorded monthly at the five test locations in Georgia and at Marianna, FL during the 2009-2010 growing season are presented in the following table. At all locations across the state rainfall amounts were well above normal for the nine month reporting period. The abundant rainfall occurred during prime small grain planting time, but wet soil and cold conditions lingered during the growing season. The area around Plains received almost 16 inches more rain than normal (43.4%), while across the state the average was 30.0% above normal.

2009-2010 Rainfall[1]

Month	Year	Calhoun[2]	Griffin	Midville	Plains	Tifton	Marianna, FL[3]
		inches					
October	2009	9.65	9.22	3.68	5.46	4.01	3.39
November	2009	4.72	5.89	4.31	2.65	2.64	2.35
December	2009	7.39	9.81	9.01	14.10	7.58	9.57
January	2010	4.99	4.73	6.76	10.09	6.65	7.53
February	2010	4.06	4.12	2.82	3.36	3.36	3.99
March	2010	4.50	5.67	2.71	3.61	2.82	3.41
April	2010	4.73	2.33	1.82	1.95	4.36	4.04
May	2010	4.39	4.99	3.21	5.99	5.96	5.06
June	2010	2.07	1.52	4.83	4.72	5.09	2.93
Total (9 months)		46.50	48.28	39.15	51.93	42.47	42.27
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.

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Georgia farmers seeded less small grain in 2009-2010 than in many years (since 1978), only 56% as much as in 2009, and many did not plant due to the wet soil conditions. The small grain that did get planted was severely affected from soil compaction and water logging. Along with the wet conditions the weather remained cold throughout the small grain growing season, delaying plant tillering and jointing. Hessian fly pressure was not a problem because of the late planting date, but powdery mildew was a concern for some farmers due to the moist growing conditions.

Wheat yield for the 2010 Georgia crop was 40 bushels per acre yield, down 7% from last year's bushels per acre. There was a total of 145,000 acres of wheat grain harvested this year, 125,000 acres or 46% less than 2009, which produced only 5.8 million bushels (along with 2006, the least production in 32 years). Fifteen thousand acres of oats were harvested in 2010, which is a decrease of 50%. Twenty-five thousand acres of rye were harvested for grain, an equivalent to last year's production. Rye production in Georgia is primarily for forage and a cover crop.

SMALL GRAIN CULTURAL PRACTICES

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Fertilization

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

Lime should be applied to maintain the soil pH at a target pH of 6.0. If the small grains are to be grazed or if magnesium (Mg) levels are low, dolomitic lime (high Mg) should be used. Adequate amounts of lime should be applied to the previous crop to ensure that the soil pH is in the desired range prior to planting small grains. 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-P_20_5-K_20 to apply to small grain, based on soil test levels:

Soil Test Rating for Potassium (K_2O)

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

*For 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

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

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

Pest Control

Check with your county Extension agent for the latest information on weed, disease, and insect control in small grains.

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 the best.

For late planting, the early-maturing varieties usually perform the best. Varieties recommended for the 2010 planting season are presented in the following tables.

Recommended Grain Varieties for 2010

Barley	Nomini (S)	Price (S)	Thoroughbred (S)
Oat	Horizon 201 (S)	Plot Spike LA9339 (S)	*SS76-40 (P,M)
	Horizon 270 (S)	RAM LA99016 (C)	TAMO 406 (C)
	*Horizon 474 (C,P)		
Wheat	*AGS 2010 (C)	*Dominion (P,M)[4]	Pioneer 26R61 (S)
	AGS 2026 (S)	Dyna-Gro Baldwin (C)	SS 8308 (P,M)
	AGS 2031 (S)[4]	Fleming (C)[3]	SS 8641 (S)
	AGS 2035 (C)	Jamestown (C)	USG 3120 (S)
	AGS 2060 (S)[3]	Magnolia (P,M)	USG 3295 (S)[4]
	Coker 9553 (P,M)[2,4]	Oglethorpe (S)	
Triticale	Trical 342 (C,P)		

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

* To be dropped from list in 2011.

Recommended Forage Varieties for 2010

Oat	Horizon 201 (S) Horizon 270 (S)	*Horizon 474 (S) Plot Spike LA 9339 (S)	RAM LA99016 (S) *SS76-40 (C)
Wheat	Pioneer 26R61 (S) Roberts (P,M)	SS8641 (C) USG 3592 (S)	
Triticale	Trical 2700 (C,P)	Trical 342 (C,P) silage only	

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
* To be dropped from list in 2011.

To ensure good germination, the absence of noxious weeds, and varietal purity **plant certified, treated seed**. General seeding rate recommendations based on bushels per acre are provided in Table 1. Seed size varies greatly from year to year and among varieties and seed lots. Therefore, more accurate plant populations may be achieved by using seeding rates based on seeds per area rather than on bushels per acre. For example, research on wheat has shown that seeding rates of 30-35 seeds per square foot are best for top yields. Accurate target populations are best achieved by adjusting grain drill settings based on 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 2010

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 size[1].

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

1. Seeding rate assumes 90% germination.

CHARACTERISTICS OF VARIETIES, 2010

Wheat

	Resistance											
Brand-Variety	Leaf Rust	Stripe Rust	Glume Blotch	Powdery Mildew	BYD[1]	SBWM[2]	Hessian Fly	Test Weight	Maturity	Straw Strength	Vernalization Requirement	Awned
AGS 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	yes
Magnolia	poor	good	good	poor	good	good	fair	good	medium	good	medium	
McIntosh	good	good	fair	good	fair	good	poor	good	med. late	fair	med. long	no
Oglethorpe	good	good	good	fair	fair	good	good*	good	medium	fair	medium	no
Pioneer 26R24	poor	poor	fair	good	fair	good	poor	good	medium	good	medium	no
Pioneer 26R38	poor	poor	fair	good	fair	good	good	good	medium	good	short	yes
Pioneer 26R61	fair	good	fair	fair	fair	good	good	good	medium	good	medium	yes
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 3120	good	fair	fair	fair	good	fair	good	good	early	good	short	yes
USG 3209	fair	good	fair	good	fair	good	fair	fair	medium	good	medium	no
USG 3295	good	good	fair	good	fair	good	poor	good	medium	good	medium	no
USG 3592	good	poor	good	good	fair	good	fair	good	medium	fair	medium	no
Triticale												
Monarch	good	-	-	good	good	-	fair	fair	early	good	med. long	yes
Trical 342	good	-	-	good	good	-	fair	fair	early	good	short	yes
Trical 2700	good	-	-	good	-	-	good	poor	med. late	good	med. long	yes

1. Barley yellow dwarf virus.
2. Soil-borne wheat mosaic virus.
* Resistant to Bio-Type L.

Oat

	Resistance					
Brand-Variety	Crown Rust	BYD	Cold Hardiness	Maturity	Test Weight	Straw Strength
Horizon 201	good	fair	good	medium	fair	fair
Horizon 270	good	fair	good	medium	good	good
Horizon 321	fair	fair	good	medium	good	good
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

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

SMALL GRAIN UPDATES

VARIETY RELEASES

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USG 3120 is a medium maturing soft red winter wheat with white chaffed and medium in height. It was derived from the cross GA 901146 / GA 9006 // AGS 2000. Its maturity is two days earlier than AGS 2000. GA 991209-6E33 has good resistance to current biotypes of Hessian fly in Georgia, including biotype L, and is moderately resistant to races of leaf rust and stripe rust. It is also moderately susceptible to soil-borne mosaic virus and susceptible to powdery mildew. USG 3120 has good milling and baking quality.

Wheat releases by private companies for production in Georgia include ARCADIA and PIO 26R20.

DISEASES

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Powdery mildew was almost nonexistent this year due to rainfall and cold temperatures. Mildew prefers cool temperatures and damp conditions. Mildew was observed at very low levels at Tifton, but not at Griffin or Plains.

Stripe rust (*Puccinia striiformis*) was observed at Griffin where plots were artificially inoculated. Stripe rust was found at very low levels late in the season at Plains. No widespread epidemics were observed in the state. Samples were sent to Washington state to confirm the race of rust involved.

Barley Yellow Dwarf Virus was observed at high levels across the state. State wheat trials at Tifton, Plains, and Griffin had the highest disease pressure in years, with highest disease levels observed at Plains. Aphids must have continued to be active during the colder temperatures of late winter. The decreased wheat acreage seemed to have an aphid concentration effect on the wheat plots at all locations.

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

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

The cold and wet conditions of the season should have led to above normal soilborne wheat mosaic virus (SB) and wheat spindle streak mosaic virus (SS) infections. Some soilborne was observed at Griffin. The cold and excessive water may have been too much for the fungal vector (*Polymyxa graminis*) to infect the wheat roots.

The extreme weather of the fall and late winter played a significant role in limiting mildew infections. The two- to three-week period of dry weather in early to mid spring helped to limit stripe rust and leaf rust infections. Additionally, the reduced wheat acreage in the state limited field-to-field movement of foliar disease and further prevented the development of large scale disease epidemics.

INSECTS

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The variety tests were sampled for Hessian fly, *Mayetiola destructor*, in late April, 2010 at Southwest Branch Research and Education Center near Plains, the Bledsoe Research farm near Griffin and at the Lang Farm near Tifton, GA. Results are shown in the next table. Five lines (SL 1001 – SL 1004 and Bilancia) listed at the bottom of the table are hard red wheat types and were only evaluated at Tifton.

Hessian fly infestations were low at all locations, making definitive ratings difficult. Several wheat varieties showed good levels of Hessian fly resistance, including AGS 2026, AGS 2035, AGS 2060, Jamestown, Pioneer brands 26R31 and 26R61, USG 3592, SS8308 (fair), SS8641, Vigoro Oglethorpe, and a number of experimental lines. Varieties with good resistance in southern Georgia may not be resistant in northern Georgia because of the presence of biotype L in northern Georgia. The only currently available varieties with biotype L resistance are AGS 2010, AGS 2026, and Oglethorpe. Rye and oats also are good Hessian-fly-resistant alternatives to wheat for forage production because rye is highly resistant and oats are immune to the insect.

Cold, wet conditions in the fall of 2009 prevented most planting of wheat. These conditions also delayed what fields were planted; consequently, damaging infestations of Hessian fly were largely avoided. Despite cold conditions during the winter, aphid infestations occurred in numerous fields. Aphids cause direct injury to wheat and also transmit barley yellow dwarf virus (BYDV). BYDV infection was variable but was damaging in some fields throughout most of the state. Although the level of expression of symptoms varies between varieties, no varieties are truly resistant to or tolerant of BYDV infection. Systemic insecticide seed treatments and properly timed foliar applications of insecticides can reduce aphid numbers and minimize BYDV incidence.

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

Hessian fly infestation* in wheat entries in the 2009-2010 Georgia State Small Grain Variety Test, Plains, Griffin and Tifton, GA.

Entry name	Plains		Griffin		Tifton	
	% Infested	No./stem	% Infested	No./stem	% Infested	No./stem
GA991336-6E9	30	0.30	0	0	0	0
GA01134-8A6	30	0.50	25	0.25	-	-
USG 3555	25	0.40	10	0.35	25	0.40
LA01029D-139-3-C	25	0.35	35	0.70	0	0
JGL Exp. 72562	20	0.25	0	0	75	2.20
Roberts	15	0.35	0	0	-	-
Panola	15	0.15	0	0	0	0
DynaGro-Baldwin	15	0.15	5	0.10	0	0
SS8404	15	0.40	5	0.05	5	0.05
GA001170-7E26	15	0.10	10	0.10	0	0
Pioneer 26R20	15	0.25	5	0.05	0	0
JGL Exp. 60172	15	0.15	15	0.30	20	0.35
AGS CL7	15	0.40	0	0	5	0.05
USG 3251	15	0.15	0	0	20	0.25
NC05-19896	15	0.15	0	0	15	0.20
Trical 2700 (triticale)	10	0.20	0	0	-	-
NCPTO1-1433	10	0.10	0	0	-	-
USG 3592	10	0.10	10	0.25	0	0
USG 3295	10	0.10	5	0.05	25	0.45
NK-Coker 9700	10	0.25	0	0	5	0.05
Jamestown	10	0.10	0	0	0	0
Progeny 117	10	0.20	0	0	30	0.45
Merl	10	0.20	0	0	25	0.40
TV8589	10	0.20	0	0	5	0.10
GA011174-8A9	10	0.10	0	0	5	0.20
GA011124-8LE28	10	0.10	0	0	-	-
JGL Exp. 51585	10	0.15	5	0.10	25	0.25
LA01139D-86-6-2	10	0.35	0	0	0	0
GA02343-9LE5	10	0.15	0	0	15	0.15
GA03564-9EE42	10	0.10	0	0	-	-
TVX8581	10	0.10	10	0.20	5	0.05
USG 3452	10	0.10	0	0	30	0.35
USG 3438	5	0.15	0	0	60	1.25
Magnolia	5	0.15	10	0.15	-	-
LA01110D-150	5	0.10	10	0.10	5	0.05
USG 3770	5	0.05	25	0.35	5	0.10
Progeny 166	5	0.05	5	0.05	15	0.20
Progeny 185	5	0.05	0	0	20	0.30
GA031238-7E34	5	0.05	0	0	10	0.10
GA011493-8E18	5	0.05	0	0	10	0.20
GA021338-9EE11	5	0.15	0	0	-	-
GA021338-9E4	5	0.05	5	0.05	0	0
SS8308	5	0.05	0	0	0	0
USG 3665	0	0	10	0.10	0	0
NF96210	0	0	10	0.15	-	-

Hessian fly infestation* in wheat entries in the 2009-2010 Georgia State Small Grain Variety Test, Plains, Griffin and Tifton, GA (Continued)

Entry name	Plains		Griffin		Tifton	
	% Infested	No./stem	% Infested	No./stem	% Infested	No./stem
SS520	0	0	5	0.10	5	0.05
GA00067-8E35	0	0	5	0.05	10	0.15
Pioneer 26R31	0	0	5	0.10	0	0
USG 3120	0	0	5	0.10	0	0
Oglethorpe	0	0	5	0.05	0	0
GA00219-8E45	0	0	5	0.05	-	-
GA021773-9EE21	0	0	5	0.05	-	-
Progeny 125	0	0	0	0	20	0.40
NK-Coker 9553	0	0	0	0	10	0.15
LA841	0	0	0	0	5	0.05
Pioneer 26R61	0	0	0	0	5	0.05
DH-100	0	0	0	0	-	-
Fleming	0	0	0	0	0	0
USG 3592	0	0	0	0	0	0
SS8641	0	0	0	0	0	0
AGS 2026	0	0	0	0	0	0
AGS 2060	0	0	0	0	0	0
AGS 2035	0	0	0	0	0	0
TVX8861	0	0	0	0	0	0
TV8558	0	0	0	0	0	0
LA01110D-84-1-C	0	0	0	0	0	0
GA001138-8E36	0	0	0	0	0	0
GA011027-8LE24	0	0	0	0	0	0
Arcadia (D05*6441)	0	0	0	0	0	0
LA0110D-84-2-C	0	0	0	0	0	0
GA021338-9E15	0	0	0	0	0	0
GA021245-9E16	0	0	0	0	0	0
GA001142-9E23	0	0	0	0	0	0
GA021087-9LE33	0	0	0	0	0	0
GA011446-9LE35	0	0	0	0	0	0
LA821	0	0	0	0	0	0
SL 1001	-	-	-	-	0	0
SL 1002	-	-	-	-	0	0
SL 1003	-	-	-	-	5	0.10
SL 1004	-	-	-	-	0	0
Bilancia	-	-	-	-	10	0.15

*Results from single non-replicated block.

Wheat

Tifton, Georgia:
Wheat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date	Disease[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day	rating
AGS 2026	**82.0**	**76.1**	10	**73.0**	55.2	36	0	100	04/12	3.0
AGS 2035	**81.8**	**73.3**	28	67.4	57.7	41	0	100	04/13	5.0
GA031238-7E34	**81.1**	**76.0**	4	**77.3**	53.9	34	0	100	04/14	0.5
Pioneer 26R31	**80.3**	**74.2**	21	69.7	55.4	32	0	100	04/12	2.5
Dyna-Gro Baldwin	**78.9**	**73.9**	40[T]	62.6	55.4	43	0	100	04/16	3.5
SS8641	76.9	**73.0**	29	67.0	53.2	38	0	100	04/14	2.5
Oglethorpe	76.4	**68.7**	40[T]	62.6	54.8	35	0	100	04/12	3.0
Jamestown	75.7	**69.6**	37	63.8	55.3	35	0	100	04/12	3.0
Pioneer 26R61	72.7	**65.1**	41	62.5	56.6	42	0	100	04/14	2.0
Coker 9700	72.0	**65.3**	2	**78.5**	58.9	37	0	100	04/11	3.0
USG 3295	70.3	**66.4**	53	59.8	52.7	36	0	100	04/13	2.0
Progeny 117	69.6	**61.4**	43	62.1	56.7	41	0	100	04/11	3.5
GA991336-6E9	69.1	**58.0**	63	43.9	50.5	37	0	100	04/14	3.5
USG 3120	68.2	**58.9**	59	49.2	56.6	38	0	100	04/12	4.0
AGS 2060	67.2	**55.4**	60	47.7	56.8	40	0	100	04/13	3.5
Panola	66.8	**64.7**	7	**75.6**	56.3	39	0	100	04/13	4.5
Coker 9553	65.9	**59.5**	26	68.1	59.1	39	0	100	04/14	2.5
Progeny 185	65.6	**62.5**	51	60.4	54.9	45	0	100	04/16	4.0
SS8404	63.8	**60.0**	57	55.2	54.0	33	0	100	04/16	3.0
Progeny 166	59.0	**62.7**	30	66.9	55.6	43	0	100	04/18	3.5
SS8308	58.5	**56.9**	36[T]	64.6	55.8	37	0	100	04/15	2.5
SS520	57.1	**58.7**	24	68.3	54.3	39	0	100	04/11	3.5
USG 3209	56.4	**50.4**	38	63.4	54.2	35	0	100	04/13	2.5
Fleming	56.0	**48.3**	61	47.0	52.6	33	0	100	04/10	0.0
LA01110D-84-1-C	.	**77.3**	1	**80.9**	58.7	44	0	100	04/12	3.5
GA001138-8E36	.	**77.3**	17	70.6	57.3	44	0	100	04/15	2.5
GA011027-8LE24	.	**76.1**	3	**78.0**	53.0	39	0	100	04/12	4.0
TV8558	.	**71.6**	9	**74.0**	53.6	46	0	100	04/15	4.0
GA011493-8E18	.	**71.0**	33	66.4	57.3	40	0	100	04/15	3.5
GA011174-8A9	.	**68.6**	18	70.4	57.0	38	0	100	04/13	3.5
GA00067-8E35	.	**66.4**	54	59.2	50.0	40	0	100	04/16	4.5
TV8589	.	**65.3**	50	60.6	51.5	42	0	100	04/17	4.5
Pioneer 26R20	.	**64.5**	46	61.2	55.0	40	0	100	04/22	2.5
LA01110D-150	.	**60.3**	48	60.8	57.3	37	0	100	04/13	2.5
Merl	.	**49.3**	13	71.4	57.8	37	0	100	04/18	5.0
LA841	.	**48.9**	62	45.0	53.6	35	0	100	04/13	3.0
LA0110D-84-2-C	.	.	5	**76.9**	57.7	43	0	100	04/11	2.5
SL1003	.	.	6	**76.5**	56.9	42	0	100	04/11	3.0
TVX8581	.	.	8	**74.6**	55.6	41	0	100	04/11	4.5
Progeny 125	.	.	11	**72.8**	53.6	36	0	100	04/11	3.5
USG 3770	.	.	12	71.8	56.7	41	0	100	03/19	3.5
USG 3665	.	.	14	71.1	53.1	44	0	100	04/15	3.5
LA821	.	.	15	70.8	56.4	41	0	100	04/10	2.5
USG 3592	.	.	16	70.7	56.3	43	0	100	04/15	3.0
GA001170-7E26	.	.	19	70.1	59.0	37	0	100	04/13	3.0

Tifton, Georgia:
Wheat Grain Performance, 2009-2010 (Continued)

	Yield[1]		2010 Data							
Brand-Variety	Average	Average	Rank	Yield[1]	Wt	Ht	Lodg.	Survival	Date	Disease[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day	rating
Arcadia	.	.	20[T]	69.8	58.5	37	0	100	04/12	4.0
LA01029D-139-3-C	.	.	20[T]	69.8	55.8	40	0	100	04/14	4.0
GA011446-9LE35	.	.	22	69.5	53.9	42	0	100	04/14	2.0
GA021338-9E15	.	.	23	68.7	58.5	42	0	100	04/12	4.0
USG 3452	.	.	25[T]	68.2	55.8	45	0	100	04/15	3.5
GA021245-9E16	.	.	25[T]	68.2	57.5	41	0	100	04/13	2.5
TVX8861	.	.	27	67.5	55.6	37	0	100	04/20	2.0
GA001142-9E23	.	.	31	66.7	53.6	41	0	100	04/12	2.5
JGL Exp. 72562	.	.	32	66.5	52.1	36	0	100	04/21	2.5
JGL Exp. 60172	.	.	34	65.5	53.7	35	0	100	04/20	3.5
JGL Exp. 51585	.	.	35	65.3	55.5	38	0	100	04/19	4.0
USG 3555	.	.	36[T]	64.6	53.1	34	0	100	04/14	3.5
GA021087-9LE33	.	.	39	62.9	58.0	41	0	100	04/14	3.5
USG 3251	.	.	42	62.2	53.5	39	0	100	04/20	3.5
SL1004	.	.	44	61.6	54.9	42	0	100	04/19	3.0
AGS CL7	.	.	45	61.4	57.3	39	0	100	04/12	3.5
SL1001	.	.	47	61.1	58.5	39	0	100	04/18	2.5
LA01139D-86-6-2	.	.	49	60.7	56.7	42	0	100	04/13	3.5
GA021338-9E4	.	.	52	60.1	55.4	42	0	100	04/13	4.5
NC05-19896	.	.	55	57.2	55.9	37	0	100	04/18	3.5
SL1002	.	.	56	57.0	55.4	38	0	100	04/18	2.0
USG 3438	.	.	58	54.8	52.1	35	0	100	04/20	3.0
GA02343-9LE5	.	.	64	42.4	51.9	36	0	100	04/17	3.0
Average	69.6	64.9		65.0 [3]	55.4	39	0	100	04/14	3.2
LSD at 10% Level	4.9	N.S.[4]		8.3	1.5	2	-	-	06	1.4
Std. Err. of Entry Mean	2.1	2.6		3.6	0.6	1	-	-	03	0.6

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Stagonospora nodorum rating: 0 = no disease to 9 = highly susceptible to disease.
3. C.V. = 11.0%, and df for EMS = 201.
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 18, 2009.
Harvested:	May 26, 2010.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
	Topdress: 108 lb N/acre.
Management:	Disked, chisel plowed and rototilled.
Previous Crop:	Wheat.

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

Tifton, Georgia:
Late-Planted Wheat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
AGS 2020	**55.8**	**48.7**	1	**35.8**	51.2	32	0	100	04/23
Jamestown	**51.7**	**48.2**	4	**31.6**	52.4	28	0	100	04/26
AGS 2060	47.5	**40.2**	7	27.9	56.3	34	0	100	04/25
Fleming	45.9	**43.7**	17[T]	21.4	50.2	27	0	100	04/21
Coker 9700	38.7	**30.8**	11	25.2	49.8	28	0	100	04/25
USG 3209	38.6	**31.6**	12	24.3	45.5	30	0	100	04/30
Coker 9553	36.5	**32.9**	18	19.6	.	29	0	100	04/30
SS520	33.4	**32.6**	15	21.8	45.9	32	0	100	04/28
GA00219-8E45	.	**51.3**	13	23.9	44.2	30	0	100	04/28
Progeny 117	.	**25.8**	21	17.3	.	33	0	100	04/27
Arcadia	.	.	2	**33.9**	51.9	32	0	100	04/25
GA021338-9EE11	.	.	3	**31.9**	53.0	35	0	100	04/29
GA03564-9EE42	.	.	5	**31.1**	46.5	34	0	100	04/28
AGS 2035	.	.	6	**31.0**	50.5	35	0	100	04/29
GA021773-9EE21	.	.	8	27.0	45.6	31	0	100	04/25
USG 3770	.	.	9	26.3	47.7	33	0	100	04/24
AGS 2026	.	.	10	26.0	47.1	30	0	100	04/29
Dyna-Gro Baldwin	.	.	14	23.7	.	35	0	100	05/03
USG 3452	.	.	16	21.5	47.7	34	0	100	04/30
USG 3665	.	.	17[T]	21.4	43.5	32	0	100	05/03
GA991336-6E9	.	.	19	19.1	.	32	0	100	05/03
AGS 2031	.	.	20	18.2	.	30	0	100	05/04
USG 3555	.	.	22	16.4	35.4	27	0	100	04/30
Bilancia	.	.	23	14.9	.	25	0	100	04/29
Average	43.5	38.6		24.6 [2]	48.0	31	0	100	04/28
LSD at 10% Level	4.4	N.S.[3]		6.1	1.4	2	-	-	01
Std. Err. of Entry Mean	3.2	1.8		2.6	0.6	1	-	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 20.9%, and df for EMS = 69.
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 6, 2010.
Harvested:	June 7, 2010.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
	Topdress: 108 lb N/acre.
Management:	Disked, chisel plowed and rototilled.
Previous Crop:	Wheat.

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

Plains, Georgia:
Wheat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
AGS 2035	**81.6**	**69.7**	27	66.5	54.3	34	0	100	04/15
GA031238-7E34	**81.0**	**72.3**	31	65.7	53.4	29	0	100	04/17
AGS 2060	**81.0**	**71.3**	38	64.3	57.3	38	0	100	04/15
Oglethorpe	**80.3**	**68.8**	3	**75.3**	50.5	33	0	100	04/13
GA991336-6E9	**79.7**	**72.1**	41	63.3	54.8	34	0	100	04/18
SS8641	**79.7**	**71.3**	17	69.0	52.3	33	0	100	04/17
Dyna-Gro Baldwin	**79.7**	**69.4**	22	67.6	57.2	35	0	100	04/20
AGS 2026	**79.4**	**70.6**	1	**76.1**	54.1	31	0	100	04/13
USG 3120	**78.3**	**68.4**	52	60.6	53.9	34	0	100	04/15
Fleming	**77.4**	**66.8**	36	64.9	54.9	34	0	100	04/10
Jamestown	**76.8**	**64.9**	26	66.6	55.2	30	0	100	04/13
Coker 9700	**75.1**	**62.2**	14	69.9	55.4	33	0	100	04/13
Pioneer 26R61	**73.4**	**62.3**	51[T]	60.7	56.1	33	0	100	04/18
USG 3295	**72.6**	**62.4**	57	59.5	51.8	30	0	100	04/14
Coker 9553	**71.9**	**61.0**	32	65.5	56.5	32	0	100	04/17
SS8404	**70.8**	**59.4**	45	62.3	57.0	29	0	100	04/19
Progeny 117	**70.5**	**60.9**	28[T]	66.3	55.2	35	0	100	04/13
SS8308	**70.2**	**62.0**	23[T]	67.4	55.0	32	0	100	04/19
SS520	**70.2**	**56.2**	11	**70.6**	53.8	33	0	100	04/12
Panola	**69.8**	**60.2**	25	66.9	54.4	32	0	100	04/18
Pioneer 26R31	**69.4**	**56.0**	29	66.1	55.3	27	0	100	04/16
USG 3209	**68.8**	**53.0**	48	61.5	54.0	29	0	100	04/18
Progeny 185	**65.7**	**55.2**	30	65.8	55.6	35	0	100	04/17
Progeny 166	**65.6**	**54.2**	40	63.8	55.6	38	0	100	04/19
LA01110D-84-1-C	.	**70.8**	10	**70.8**	55.2	36	0	100	04/13
GA001138-8E36	.	**68.8**	49	61.3	56.8	34	0	100	04/19
GA011493-8E18	.	**66.8**	39[T]	64.1	56.7	33	0	100	04/20
LA01110D-150	.	**66.6**	23[T]	67.4	55.1	34	0	100	04/13
GA011174-8A9	.	**66.4**	37[T]	64.8	55.8	32	0	100	04/18
GA011027-8LE24	.	**65.3**	7	**71.2**	52.4	34	0	100	04/13
GA00067-8E35	.	**65.3**	39[T]	64.1	55.2	31	0	100	04/19
Merl	.	**59.7**	21	67.7	56.5	31	0	100	04/19
LA841	.	**58.5**	58[T]	56.5	54.6	31	0	100	04/15
Pioneer 26R20	.	**57.8**	43	63.0	56.3	33	0	100	04/21
TV8589	.	**54.8**	51[T]	60.7	53.7	36	0	100	04/18
TV8558	.	**53.8**	24[T]	67.0	54.9	33	0	100	04/19
USG 3438	.	.	2	**75.5**	55.3	32	0	100	04/20
Progeny 125	.	.	4	**73.0**	53.9	32	0	100	04/12
GA011446-9LE35	.	.	5	**71.7**	56.2	36	0	100	04/15
USG 3770	.	.	6	**71.4**	54.7	36	0	100	04/13
LA0110D-84-2-C	.	.	8	**71.1**	56.1	36	0	100	04/13
JGL Exp. 60172	.	.	9	**70.9**	55.8	30	0	100	04/21
JGL Exp. 72562	.	.	12	**70.5**	54.4	31	0	100	04/22
JGL Exp. 51585	.	.	13	70.0	55.0	32	0	100	04/21
TVX8861	.	.	15	69.8	57.2	30	0	100	04/22

Plains, Georgia:
Wheat Grain Performance, 2009-2010 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
USG 3665	.	.	16	69.4	54.7	35	0	100	04/19
USG 3452	.	.	18	68.8	55.1	38	0	100	04/18
LA821	.	.	19	68.3	56.1	33	0	100	04/13
USG 3592	.	.	20	68.1	54.3	33	0	100	04/19
NC05-19896	.	.	24[T]	67.0	56.6	31	0	100	04/19
Arcadia	.	.	28[T]	66.3	56.4	33	0	100	04/14
USG 3251	.	.	33	65.2	55.6	32	0	100	04/21
TVX8581	.	.	34	65.1	56.0	35	0	100	04/13
GA021087-9LE33	.	.	35	65.0	55.4	34	0	100	04/15
USG 3555	.	.	37[T]	64.8	53.6	29	0	100	04/18
LA01029D-139-3-C	.	.	42	63.1	54.8	33	0	100	04/19
AGS CL7	.	.	44	62.7	52.3	32	0	100	04/15
Bilancia	.	.	46	62.1	52.3	28	0	100	04/13
GA021338-9E4	.	.	47	61.9	55.1	35	0	100	04/19
LA01139D-86-6-2	.	.	50	61.2	54.9	33	0	100	04/14
GA021245-9E16	.	.	53	60.5	54.9	33	0	100	04/17
GA001170-7E26	.	.	54	60.4	55.8	31	0	100	04/17
GA021338-9E15	.	.	55	60.1	56.3	33	0	100	04/18
GA001142-9E23	.	.	56	60.0	54.9	33	0	100	04/17
GA02343-9LE5	.	.	58[T]	56.5	57.3	32	0	100	04/16
Average	74.5	63.5		65.9[2]	55.0	33	0	100	04/16
LSD at 10% Level	N.S.[3]	N.S.		5.6	1.2	2	-	-	01
Std. Err. of Entry Mean	1.5	1.8		2.4	0.5	1	-	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 7.2%, and df for EMS = 192.
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, 2009.
Harvested:	June 2, 2010.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Medium, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
	Topdress: 80 lb N/acre.
Management:	Disked and rototilled.
Previous Crop:	Peanuts.

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

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
GA991336-6E9	**87.7**	**80.7**	18	68.6	53.5	33	0	100	04/16
AGS 2035	**85.6**	**78.9**	11	70.1	54.0	35	0	100	04/14
Dyna-Gro Baldwin	**85.5**	**77.4**	22	68.0	57.1	34	0	100	04/20
GA031238-7E34	**85.3**	**78.2**	4	**73.6**	53.3	29	0	100	04/17
USG 3120	82.7	**76.8**	26	66.5	53.6	34	0	100	04/14
SS8641	79.2	**72.5**	33	65.1	52.6	33	0	100	04/17
Oglethorpe	78.9	**70.6**	6	**72.0**	52.4	32	0	100	04/12
AGS 2026	78.7	**71.7**	5	**72.2**	52.4	31	0	100	04/12
Pioneer 26R31	77.5	**64.6**	38[T]	63.8	55.1	27	0	100	04/16
SS8404	76.5	**66.8**	37	63.9	56.7	29	0	100	04/19
SS8308	75.3	**67.1**	29	66.2	53.5	32	0	100	04/17
Progeny 185	75.0	**66.4**	39[T]	63.2	55.4	36	0	100	04/18
USG 3295	75.0	**65.5**	47	59.6	51.8	29	0	100	04/15
Pioneer 26R61	74.4	**65.6**	49	58.9	55.2	33	0	100	04/18
Progeny 166	73.6	**65.3**	45	60.6	55.5	39	0	100	04/20
LA01110D-84-1-C	.	**75.5**	16	69.4	55.4	36	0	100	04/13
GA001138-8E36	.	**73.5**	50	58.8	56.6	35	0	100	04/19
GA011174-8A9	.	**72.3**	25[T]	66.7	55.1	32	0	100	04/18
GA011493-8E18	.	**71.3**	25[T]	66.7	55.9	34	0	100	04/20
USG 3592	.	**70.7**	12	70.0	53.8	34	0	100	04/18
Panola	.	**69.7**	21	68.1	53.9	31	0	100	04/17
GA00067-8E35	.	**68.8**	34	64.9	54.1	32	0	100	04/17
Magnolia	.	**68.6**	41	62.6	55.0	36	0	100	04/19
Merl	.	**68.3**	8	**71.1**	56.1	31	0	100	04/18
LA841	.	**68.1**	51[T]	57.5	53.2	33	0	100	04/14
TV8558	.	**67.4**	20[T]	68.3	54.1	32	0	100	04/18
GA011027-8LE24	.	**63.9**	13	69.9	51.4	34	0	100	04/13
TV8589	.	**63.7**	33	65.4	52.6	36	0	100	04/18
Pioneer 26R20	.	**61.0**	28	66.3	56.5	32	0	100	04/22
Progeny 125	.	.	1	**76.6**	53.7	32	0	100	04/12
USG 3438	.	.	2	**75.5**	55.6	31	0	100	04/20
Coker 9700	.	.	3	**74.7**	55.2	32	0	100	04/12
JGL Exp. 72562	.	.	7	**71.4**	54.9	32	0	100	04/22
GA011446-9LE35	.	.	9[T]	70.9	55.7	35	0	100	04/14
LA821	.	.	9[T]	70.9	54.9	34	0	100	04/13
JGL Exp. 60172	.	.	10	70.8	56.1	31	0	100	04/21
SS520	.	.	14[T]	69.8	54.3	34	0	100	04/11
LA0110D-84-2-C	.	.	14[T]	69.8	55.7	36	0	100	04/13
TVX8861	.	.	14[T]	69.8	57.5	31	0	100	04/22
JGL Exp. 51585	.	.	15[T]	69.5	55.8	32	0	100	04/20
USG 3665	.	.	15[T]	69.5	53.9	34	0	100	04/19
USG 3452	.	.	17	68.8	54.9	38	0	100	04/17
USG 3251	.	.	19	68.4	55.2	32	0	100	04/21
USG 3555	.	.	20[T]	68.3	52.4	30	0	100	04/17
Jamestown	.	.	23[T]	67.6	54.6	30	0	100	04/12

Plains, Georgia:
Wheat Grain Performance with Foliar Fungicide, 2009-2010 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
GA021338-9E15	.	.	23[T]	67.6	56.0	34	0	100	04/17
AGS CL7	.	.	24	67.1	52.7	33	0	100	04/13
LA01029D-139-3-C	.	.	27[T]	66.4	54.4	34	0	100	04/18
USG 3770	.	.	27[T]	66.4	54.5	34	0	100	04/12
AGS 2060	.	.	30[T]	66.1	57.2	38	0	100	04/14
GA001170-7E26	.	.	30[T]	66.1	56.1	31	0	100	04/17
TVX8581	.	.	31	65.8	55.5	35	0	100	04/11
GA021087-9LE33	.	.	32[T]	65.6	53.8	35	0	100	04/14
Arcadia	.	.	32[T]	65.6	55.9	35	0	100	04/14
Progeny 117	.	.	35	64.3	55.4	34	0	100	04/13
NC05-19896	.	.	36	64.2	56.2	32	0	100	04/19
GA021245-9E16	.	.	38[T]	63.8	54.6	33	0	100	04/18
Coker 9553	.	.	39[T]	63.2	56.6	32	0	100	04/17
GA021338-9E4	.	.	40	62.8	55.0	34	0	100	04/18
USG 3209	.	.	42	62.5	52.8	30	0	100	04/15
Fleming	.	.	43	62.2	54.8	33	0	100	04/10
LA01139D-86-6-2	.	.	44	61.3	55.3	35	0	100	04/15
GA02343-9LE5	.	.	46	59.9	57.2	32	0	100	04/16
GA001142-9E23	.	.	48	59.3	54.4	34	0	100	04/17
Bilancia	.	.	51[T]	57.5	52.8	27	0	100	04/14
Average	79.4	70.0		66.6 [2]	54.7	33	0	100	04/16
LSD at 10% Level	4.5	N.S.[3]		5.5	1.2	2	-	-	01
Std. Err. of Entry Mean	1.9	2.0		2.3	0.5	1	-	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 7.0%, and df for EMS = 192.
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, 2009.
Harvested:	June 2, 2010.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Medium, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
	Topdress: 80 lb N/acre.
Management:	Disked and rototilled; Tilt used for fungal control.
Previous Crop:	Peanuts.

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

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2009-2010

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with fungicide	Change with fungicide
	--------- bu/acre ---------		bu/acre	%
AGS 2026	**76.1**	**72.2**	**-3.9**	**-5.2**
USG 3438	**75.5**	**75.5**	**0.0**	**0.0**
Oglethorpe	**75.3**	**72.0**	**-3.3**	**-4.4**
Progeny 125	**73.0**	**76.6**	**3.6**	**5.0**
GA011446-9LE35	**71.7**	70.9	**-0.8**	**-1.1**
USG 3770	**71.4**	66.4	**-5.0**	**-7.0**
GA011027-8LE24	**71.2**	69.9	**-1.3**	**-1.9**
LA0110D-84-2-C	**71.1**	69.8	**-1.3**	**-1.8**
JGL Exp. 60172	**70.9**	70.8	**-0.1**	**-0.1**
LA01110D-84-1-C	**70.8**	69.4	**-1.4**	**-1.9**
SS520	**70.6**	69.8	**-0.8**	**-1.2**
JGL Exp. 72562	**70.5**	**71.4**	**0.9**	**1.3**
JGL Exp. 51585	70.0	69.5	**-0.5**	**-0.7**
Coker 9700	69.9	**74.7**	**4.8**	**6.8**
TVX8861	69.8	69.8	**0.0**	**-0.1**
USG 3665	69.4	69.5	**0.2**	**0.2**
SS8641	69.0	65.1	**-4.0**	**-5.8**
USG 3452	68.8	68.8	**0.0**	**0.0**
LA821	68.3	70.9	**2.6**	**3.8**
USG 3592	68.1	70.0	**1.9**	**2.8**
Merl	67.7	**71.1**	**3.5**	**5.1**
Dyna-Gro Baldwin	67.6	68.0	**0.4**	**0.6**
SS8308	67.4	66.2	**-1.2**	**-1.8**
TV8558	67.0	68.3	**1.3**	**1.9**
NC05-19896	67.0	64.2	**-2.8**	**-4.3**
Panola	66.9	68.1	**1.3**	**1.9**
Jamestown	66.6	67.6	**1.1**	**1.6**
AGS 2035	66.5	70.1	**3.5**	**5.3**
Arcadia	66.3	65.6	**-0.7**	**-1.1**
Progeny 117	66.3	64.3	**-2.0**	**-2.9**
Pioneer 26R31	66.1	63.8	**-2.3**	**-3.4**
Progeny 185	65.8	63.2	**-2.6**	**-4.0**
GA031238-7E34	65.7	**73.6**	**7.9**	**12.0**
Coker 9553	65.5	63.2	**-2.3**	**-3.5**
USG 3251	65.2	68.4	**3.2**	**4.9**
TVX8581	65.1	65.8	**0.7**	**1.1**
GA021087-9LE33	65.0	65.6	**0.6**	**1.0**
Fleming	64.9	62.2	**-2.7**	**-4.1**
GA011174-8A9	64.8	66.7	**1.8**	**2.8**
USG 3555	64.8	68.3	**3.5**	**5.4**
AGS 2060	64.3	66.1	**1.8**	**2.8**
GA011493-8E18	64.1	66.7	**2.6**	**4.1**
GA00067-8E35	64.1	64.9	**0.8**	**1.2**
Progeny 166	63.8	60.6	**-3.2**	**-5.0**
DK9318	63.3	68.6	**5.3**	**8.3**

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2009-2010
(Continued)

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with fungicide	Change with fungicide
	--------- bu/acre ---------		bu/acre	%
LA01029D-139-3-C	63.1	66.4	**3.3**	**5.3**
Pioneer 26R20	63.0	66.3	**3.3**	**5.2**
AGS CL7	62.7	67.1	**4.4**	**7.1**
SS8404	62.3	63.9	**1.6**	**2.5**
Bilancia	62.1	57.5	**-4.6**	**-7.4**
GA021338-9E4	61.9	62.8	**0.9**	**1.5**
USG 3209	61.5	62.5	**1.0**	**1.7**
GA001138-8E36	61.3	58.8	**-2.6**	**-4.2**
LA01139D-86-6-2	61.2	61.3	**0.0**	**0.1**
TV8589	60.7	65.4	**4.6**	**7.7**
Pioneer 26R61	60.7	58.9	**-1.8**	**-2.9**
USG 3120	60.6	66.5	**6.0**	**9.9**
GA021245-9E16	60.5	63.8	**3.3**	**5.5**
GA001170-7E26	60.4	66.1	**5.7**	**9.4**
GA021338-9E15	60.1	67.6	**7.4**	**12.3**
GA001142-9E23	60.0	59.3	**-0.7**	**-1.2**
USG 3295	59.5	59.6	**0.0**	**0.1**
GA02343-9LE5	56.5	59.9	**3.4**	**6.0**
LA841	56.5	57.5	**1.0**	**1.8**
Average	65.9	66.6	0.7	1.2
LSD at 10% Level	5.6	5.5	N.S.[3]	N.S.
Std. Err. of Entry Mean	2.4	2.3	3.1	5.0

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).

Plains, Georgia:
Late-Planted Wheat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
AGS 2020	**65.4**	**49.3**	6	46.4	57.9	31	0	100	04/24
Coker 9700	**64.5**	**49.9**	13	43.6	57.4	28	0	100	04/24
Fleming	**64.3**	**53.9**	8	45.6	59.0	29	0	100	04/20
Jamestown	**62.8**	**46.5**	17	41.7	58.4	26	0	100	04/24
USG 3209	**58.6**	**40.5**	18	41.2	55.3	27	0	100	04/25
AGS 2060	**57.8**	**48.8**	3	**48.1**	59.4	34	0	100	04/24
Coker 9553	**52.7**	**37.7**	14	42.4	56.2	29	0	100	04/25
SS520	**52.3**	**39.3**	4	47.2	56.5	29	0	100	04/24
GA00219-8E45	.	**49.8**	15	42.3	57.6	28	0	100	04/25
Progeny 117	.	**41.0**	5	47.0	56.6	33	0	100	04/24
USG 3770	.	.	1	**53.4**	57.0	33	0	100	04/24
AGS 2026	.	.	2	**49.2**	57.2	27	0	100	04/25
Dyna-Gro Baldwin	.	.	7	46.0	56.5	33	0	100	04/28
USG 3665	.	.	9	44.6	51.3	30	0	100	05/02
AGS 2035	.	.	10	44.5	57.5	31	0	100	04/25
USG 3452	.	.	11	44.3	53.0	33	0	100	04/30
GA021773-9EE21	.	.	12	43.9	56.7	29	0	100	04/24
AGS 2031	.	.	16	42.0	56.8	27	0	100	04/26
GA991336-6E9	.	.	19	41.1	53.5	31	0	100	04/29
GA021338-9EE11	.	.	20	40.9	54.9	32	0	100	04/30
USG 3555	.	.	21	39.6	52.6	29	0	100	04/26
USG 3120	.	.	22	39.3	57.5	30	0	100	04/26
GA03564-9EE42	.	.	23	37.7	55.5	30	0	100	04/25
Arcadia	.	.	24	34.1	57.0	31	0	100	04/25
Average	59.8	45.7		43.6 [2]	56.3	30	0	100	04/25
LSD at 10% Level	N.S.[3]	N.S.		5.5	0.7	2	-	-	01
Std. Err. of Entry Mean	1.5	1.6		2.3	0.3	1	-	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 10.8%, and df for EMS = 69.
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 6, 2010.
Harvested:	June 3, 2010.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Medium, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
	Topdress: 80 lb N/acre.
Management:	Disked and rototilled.
Previous Crop:	Peanuts.

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

Plains, Georgia:
Late-Planted Wheat Grain Performance with Foliar Fungicide, 2009-2010

	Yield[1]		2010 Data						
Brand-Variety	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 2020	**70.0**	**54.2**	1	**50.3**	57.9	30	0	100	04/25
Fleming	**69.1**	**55.4**	15[T]	37.6	58.4	28	0	100	04/23
Jamestown	**67.1**	**51.0**	10	43.8	58.3	30	0	100	04/25
AGS 2060	**63.4**	**51.4**	10[T]	43.5	59.0	31	0	100	04/26
USG 3209	**61.1**	**46.0**	12	41.5	54.5	27	0	100	04/26
Coker 9700	.	**53.6**	6	**45.3**	57.4	27	0	100	04/25
Progeny 117	.	**47.5**	4	**46.5**	56.9	32	0	100	04/25
Coker 9553	.	**43.8**	17	35.1	56.0	29	0	100	04/25
AGS 2026	.	.	2	**48.7**	57.5	27	0	100	04/25
USG 3770	.	.	3	**48.2**	56.9	33	0	100	04/25
USG 3452	.	.	5	**46.0**	52.6	34	0	100	05/01
Dyna-Gro Baldwin	.	.	7	44.9	56.3	33	0	100	04/29
AGS 2031	.	.	8	44.0	57.3	27	0	100	04/27
GA991336-6E9	.	.	9	43.9	52.3	32	0	100	04/30
AGS 2035	.	.	10[T]	43.5	56.6	31	0	100	04/25
SS520	.	.	11	42.2	56.5	28	0	100	04/25
USG 3665	.	.	13	40.3	51.2	30	0	100	05/02
USG 3120	.	.	14	39.1	57.7	31	0	100	04/26
USG 3555	.	.	15[T]	37.6	52.0	27	0	100	04/27
Arcadia	.	.	16	36.2	56.7	30	0	100	04/26
Average	66.1	50.3		42.9 [2]	56.1	30	0	100	04/26
LSD at 10% Level	N.S.[3]	N.S.		5.0	0.9	2	-	-	01
Std. Err. of Entry Mean	1.5	1.8		2.1	0.4	1	-	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 9.8%, and df for EMS = 57.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: January 6, 2010.
Harvested: June 3, 2010.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled; Tilt used for fungal control.
Previous Crop: Peanuts.

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

Plains, Georgia:
Effect of Fungicide on Wheat Grain Yield, 2009-2010

Brand-Variety	Yield[1] no fungicide	Yield[1] fungicide[2]	Difference with fungicide	Change with fungicide
	--------- bu/acre ---------		bu/acre	%
USG 3770	**53.4**	**48.2**	**-5.2**	**-9.7**
AGS 2026	**49.2**	**48.7**	**-0.5**	**-1.1**
AGS 2060	**48.1**	43.5	**-4.6**	**-9.5**
SS520	47.2	42.2	**-5.0**	**-10.6**
Progeny 117	47.0	**46.5**	**-0.5**	**-1.0**
AGS 2020	46.4	**50.3**	**3.8**	**8.3**
Dyna-Gro Baldwin	46.0	44.9	**-1.1**	**-2.4**
Fleming	45.6	37.6	**-8.0**	**-17.5**
USG 3665	44.6	40.3	**-4.3**	**-9.7**
AGS 2035	44.5	43.5	**-1.0**	**-2.1**
USG 3452	44.3	**46.0**	**1.7**	**3.8**
Coker 9700	43.6	**45.3**	**1.7**	**3.8**
Coker 9553	42.4	35.1	**-7.3**	**-17.3**
AGS 2031	42.0	44.0	**2.0**	**4.8**
Jamestown	41.7	43.8	**2.1**	**5.1**
USG 3209	41.2	41.5	**0.3**	**0.7**
GA991336-6E9	41.1	43.9	**2.8**	**6.9**
USG 3555	39.6	37.6	**-2.0**	**-5.2**
USG 3120	39.3	39.1	**-0.3**	**-0.6**
Arcadia	34.1	36.2	**2.0**	**6.0**
Average	43.6	42.9	-1.2	-2.4
LSD at 10% Level	5.5	5.0	N.S.[3]	N.S.
Std. Err. of Entry Mean	2.3	2.1	8.4	3.7

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, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date	Deer Damage[2]
	---- bu/acre ----			bu/acre	lb/bu	in	%	%	mo/day	%

Wheat varieties were planted at this location on December 1, 2009. However, extensive damage from later planting, excessive rainfall, water-logged and compacted soil conditions caused very low yields and considerable variation in performance among plots within the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the performance potenial of all test entries. Since this data could be misleading if used in making decisions concerning variety selection, we have chosen not to present the results in this publication.

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Rated as percent damage

Planted: December 1, 2009.
Harvested: June 8, 2010.
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: 18 lb N, 46 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, chisel plowed and field conditioned; Harmony Extra and Osprey used for weed control.
Previous Crop: Soybeans.

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

Midville, Georgia:
Late-Planted Wheat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
AGS 2020	**41.6**	**35.2**	8	15.2	.	26	0	100	.
AGS 2060	**39.9**	**33.8**	9[T]	14.9	.	25	0	100	.
Jamestown	**38.9**	**30.1**	16[T]	12.8	.	25	0	85	.
USG 3209	**38.2**	**29.2**	11	13.9	.	25	0	100	.
Coker 9553	**38.0**	**33.3**	7	15.9	.	24	0	80	.
Fleming	**36.5**	**33.6**	3	**18.3**	.	26	0	95	.
SS520	**31.1**	**28.1**	12	13.7	.	24	0	95	.
Coker 9700	**23.2**	**11.4**	20	9.9	.	23	0	80	.
GA00219-8E45	.	**35.2**	5	17.5	.	28	0	100	.
Progeny 117	.	**24.6**	21	9.0	.	24	0	65	.
AGS 2035	.	.	1	**21.9**	.	28	0	100	.
Dyna-Gro Baldwin	.	.	2	**19.7**	.	31	0	95	.
USG 3120	.	.	4	18.0	.	28	0	95	.
Arcadia	.	.	6	16.3	.	27	0	100	.
GA991336-6E9	.	.	9[T]	14.9	.	29	0	95	.
GA021773-9EE21	.	.	10	14.7	.	24	0	100	.
GA021338-9EE11	.	.	13	13.3	.	26	0	90	.
AGS 2031	.	.	14	13.0	.	24	0	95	.
USG 3452	.	.	15	12.9	.	27	0	95	.
USG 3770	.	.	16[T]	12.8	.	25	0	100	.
USG 3665	.	.	17	11.0	.	26	0	90	.
USG 3555	.	.	18	10.5	.	22	0	85	.
AGS 2026	.	.	19	10.2	.	22	0	90	.
GA03564-9EE42	.	.	22	8.9	.	28	0	90	.
Average	35.9	29.5		14.1 [2]	.	25	0	93	.
LSD at 10% Level	N.S.[3]	N.S.		3.7		3	-	10	
Std. Err. of Entry Mean	1.8	1.8		1.6		1	-	4	

1. Yields calculated as 60 pounds per bushel at 13/5% moisture.
2. C.V. = 22.2%, and df for EMS = 69.
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 13, 2010.
Harvested: June 8, 2010.
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: 18 lb N, 46 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, chisel plowed and field conditioned; Harmony Extra and Osprey used for weed contr
Previous Crop: Soybeans.

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

Griffin, Georgia:
Wheat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date	BYDV[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day	%
GA031238-7E34	**89.2**	**80.3**	27	71.3	60.2	29	0	100	04/20	0.1
GA991336-6E9	**88.1**	**74.7**	37	66.8	61.5	32	0	100	04/23	7.5
Panola	**87.7**	**79.2**	5	**82.9**	60.8	33	0	100	04/21	5.1
USG 3295	**86.3**	**81.0**	23	72.3	61.6	31	0	100	04/19	15.1
SS8641	**85.8**	**72.4**	46	64.6	61.2	34	0	100	04/22	2.6
USG 3209	**84.8**	**72.2**	11	78.9	60.9	30	0	100	04/20	0.1
SS8308	**84.0**	**74.8**	47[T]	64.5	61.9	30	0	100	04/20	22.5
Progeny 166	82.7	**75.1**	21	72.5	60.1	38	0	100	04/22	0.1
Magnolia	82.2	**72.2**	50	63.5	60.8	36	0	100	04/24	10.0
Progeny 117	81.0	**72.1**	28[T]	70.9	60.3	35	0	100	04/19	0.1
AGS 2026	79.9	**67.7**	10	**80.1**	61.4	30	0	100	04/19	2.6
Jamestown	77.3	**64.3**	13	75.9	62.4	28	0	100	04/19	2.5
Dyna-Gro Baldwin	76.8	**66.1**	20	72.8	62.3	37	0	100	04/25	0.1
Coker 9553	76.4	**66.6**	55	60.2	61.5	33	0	100	04/20	20.1
Progeny 185	75.7	**70.1**	54	61.1	60.0	34	0	100	04/21	2.6
AGS 2035	75.1	**65.2**	39	66.1	61.6	33	0	100	04/19	5.1
USG 3120	75.1	**61.5**	62	55.1	61.9	31	0	100	04/20	0.1
AGS 2060	75.0	**67.6**	66	54.0	62.5	33	0	100	04/24	5.0
Oglethorpe	73.6	**57.2**	45	64.9	61.0	29	0	100	04/18	10.0
Pioneer 26R61	73.5	**65.0**	32	69.1	62.3	35	0	100	04/23	0.0
USG 3592	73.4	**62.8**	38	66.7	61.9	33	0	100	04/21	7.5
SS8404	67.8	**51.9**	48	64.4	62.2	30	0	100	04/21	2.6
Pioneer 26R31	61.3	**44.6**	61	55.9	60.1	28	0	100	04/21	2.6
SS520	57.4	**45.4**	71	48.5	58.8	32	0	100	04/20	15.0
Merl	.	**85.6**	40	66.0	62.6	31	0	100	04/21	2.6
TV8558	.	**81.2**	28[T]	70.9	61.3	33	0	100	04/22	10.1
TV8589	.	**79.2**	47[T]	64.5	60.5	35	0	100	04/24	0.1
Pioneer 26R20	.	**76.9**	34	67.7	61.9	34	0	100	04/25	7.5
GA011124-8LE28	.	**76.4**	24	71.6	62.7	30	0	100	04/23	15.1
GA011493-8E18	.	**74.5**	30[T]	69.6	62.3	34	0	100	04/24	0.1
GA011174-8A9	.	**73.3**	18	73.6	60.7	34	0	100	04/21	15.1
GA00067-8E35	.	**71.2**	30[T]	69.6	62.4	32	0	100	04/22	2.6
GA01134-8A6	.	**70.7**	63	54.7	61.6	33	0	100	04/25	2.5
GA001138-8E36	.	**69.1**	29[T]	69.9	62.1	37	0	100	04/25	5.1
GA011027-8LE24	.	**66.2**	43	65.1	60.9	32	0	100	04/18	0.1
LA01110D-84-1-C	.	**62.2**	42	65.3	62.6	35	0	100	04/18	5.1
LA01110D-150	.	**59.9**	67	53.7	60.2	31	0	100	04/21	15.1
LA841	.	**48.7**	70	49.1	61.7	29	0	100	04/22	0.1
TVX8861	.	.	1	**90.7**	61.1	32	0	100	04/25	0.0
GA021338-9E15	.	.	2	**88.3**	62.5	37	0	100	04/21	0.1

Griffin, Georgia:
Wheat Grain Performance, 2009-2010 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date	BYDV[2]
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day	%
JGL Exp. 72562	.	.	3	**84.1**	59.4	33	0	100	04/26	0.1
JGL Exp. 60172	.	.	4	**83.3**	59.6	31	0	100	04/23	0.1
GA001170-7E26	.	.	6	**81.2**	62.8	31	0	100	04/21	5.1
JGL Exp. 51585	.	.	7	**81.1**	61.7	34	0	100	04/23	0.1
SL1004	.	.	8	**80.5**	60.4	38	0	100	04/25	0.1
LA01029D-139-3-C	.	.	9	**80.4**	62.1	35	0	100	04/24	0.1
LA01139D-86-6-2	.	.	12	76.5	61.8	33	0	100	04/19	2.6
LA821	.	.	14	75.2	61.6	33	0	100	04/20	20.1
USG 3251	.	.	15	74.7	61.2	33	0	100	04/25	15.1
GA021245-9E16	.	.	16	74.3	62.2	35	0	100	04/21	0.1
GA021087-9LE33	.	.	17	74.1	62.3	35	0	100	04/19	0.1
SL1003	.	.	19	73.2	60.7	35	0	100	04/19	10.0
GA021338-9E4	.	.	22	72.4	61.5	34	0	100	04/21	5.1
Progeny 125	.	.	25	71.5	59.6	31	0	100	04/18	2.6
LA0110D-84-2-C	.	.	26	71.4	61.0	35	0	100	04/19	2.6
USG 3770	.	.	28[T]	70.9	59.7	35	0	100	04/18	5.0
USG 3555	.	.	29[T]	69.9	60.6	30	0	100	04/20	5.0
NC05-19896	.	.	31	69.2	61.1	31	0	100	04/21	2.5
USG 3438	.	.	33	68.2	59.4	30	0	100	04/23	0.1
TVX8581	.	.	35	67.3	59.9	34	0	100	04/18	0.1
USG 3665	.	.	36	67.0	61.3	35	0	100	04/21	15.1
Arcadia	.	.	41	65.4	60.8	31	0	100	04/18	17.5
SL1001	.	.	44	65.0	62.4	33	0	100	04/19	22.5
PST 47	.	.	49	64.1	60.1	29	0	100	04/28	10.0
GA011446-9LE35	.	.	51	62.7	61.8	32	0	100	04/20	10.0
GA001142-9E23	.	.	52	62.5	61.4	32	0	100	04/21	7.5
Genesi	.	.	53	62.2	57.7	33	0	100	04/27	0.1
USG 3452	.	.	56	60.0	59.8	36	0	100	04/21	22.5
AGS CL7	.	.	57	58.8	61.0	31	0	100	04/19	17.5
GA02343-9LE5	.	.	58	58.7	62.3	31	0	100	04/27	0.1
PST 49	.	.	59	56.6	56.9	25	0	100	04/26	0.1
PST 48	.	.	60	56.1	58.3	34	0	100	05/01	0.1
Esperia	.	.	64	54.6	60.8	27	0	100	04/21	20.0
SL1002	.	.	65	54.1	60.1	32	0	100	04/21	10.1
Bilancia	.	.	68	52.5	60.2	22	0	100	04/19	45.0
PST 46	.	.	69	52.1	60.3	31	0	100	04/30	0.1
Average	77.4	68.6		67.7 [3]	61.0	32	0	100	04/22	6.5
LSD at 10% Level	6.0	N.S.[4]		11.0	1.2	2	-	-	01	14.7
Std. Err. of Entry Mean	2.6	3.0		4.7	0.5	1	-	-	01	6.2

Griffin, Georgia:
Wheat Grain Performance, 2009-2010 (Continued)

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. Percentage Barley Yellow Dwarf Virus disease.
2. C.V. = 13.9%, and df for EMS = 225.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted:	November 9, 2009.
Harvested:	June 8, 2010.
Seeding Rate:	22 seeds per foot in 7" rows.
Soil Type:	Appling sandy loam.
Soil Test:	P = Low, K = High, and pH = 6.3.
Fertilization:	Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
	Topdress: 70 lb N/acre.
Management:	Chisel plowed, disked and rototilled; Harmony Extra used for weed control.
Previous Crop:	Wheat.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Wheat Grain Performance, 2009-2010

	Yield[1]		2010 Data						
Brand-Variety	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
GA031238-7E34	**90.2**	**93.3**	7	**110.2**	56.0	34	0	100	04/24
Magnolia	**89.3**	**87.9**	27	97.6	57.4	39	0	100	04/26
Coker 9553	**87.0**	**92.8**	19	**102.0**	58.1	38	0	100	04/25
Progeny 166	**86.6**	**87.9**	45	90.6	57.3	40	0	100	04/24
Panola	**85.4**	**88.1**	44	90.8	55.7	37	11	100	04/24
Progeny 117	**84.0**	**84.8**	43[T]	91.3	56.5	38	0	100	04/23
GA991336-6E9	**83.7**	**85.3**	40[T]	93.3	58.3	36	0	100	04/25
SS8641	**83.5**	**83.6**	26[T]	99.4	56.4	38	0	100	04/24
USG 3120	**82.7**	**85.5**	20	**101.8**	58.3	37	0	100	04/25
AGS 2060	**82.1**	**77.9**	49	89.1	45.6	43	0	100	04/24
SS8308	**81.2**	**83.7**	40[T]	93.3	57.0	34	0	100	04/25
Progeny 185	**80.8**	**83.1**	53	86.7	57.0	38	0	100	04/24
Oglethorpe	**79.7**	**84.9**	16	**102.9**	54.2	35	0	100	04/24
Dyna-Gro Baldwin	**79.5**	**78.1**	35	94.7	59.0	40	0	100	04/26
Jamestown	**79.3**	**80.4**	30	96.0	58.8	34	0	100	04/24
USG 3295	**78.8**	**79.9**	55	86.2	56.8	33	9	100	04/26
AGS 2035	**78.3**	**85.5**	22	101.0	56.1	38	0	100	04/24
USG 3209	**78.2**	**84.0**	24	100.2	56.3	33	0	100	04/23
AGS 2026	**77.4**	**81.7**	37	94.0	55.5	35	18	100	04/24
USG 3592	**76.8**	**82.6**	11	**104.1**	57.4	38	0	100	04/23
Pioneer 26R31	**76.0**	**82.9**	12	**103.9**	57.4	32	0	100	04/25
Pioneer 26R61	**71.3**	**75.1**	51	87.7	57.6	39	0	100	04/23
SS8404	**68.8**	**72.9**	42	91.9	58.8	31	0	100	04/23
SS520	**63.0**	**73.8**	5	**110.9**	55.2	37	0	100	04/23
GA00067-8E35	.	**92.0**	15	**103.0**	57.9	34	0	100	04/25
Merl	.	**91.6**	31	95.9	58.7	37	5	100	04/25
LA01110D-84-1-C	.	**88.8**	9	**108.0**	56.8	39	0	100	04/22
TV8558	.	**87.8**	34	95.1	56.8	37	0	100	04/26
LA01110D-150	.	**86.9**	3	**112.7**	56.0	39	0	100	04/25
GA011174-8A9	.	**86.3**	58	82.2	57.2	34	0	100	04/25
GA011493-8E18	.	**84.0**	47	89.5	58.7	37	0	100	04/24
GA001138-8E36	.	**83.8**	28	97.1	58.7	41	0	100	04/27
GA011124-8LE28	.	**83.6**	41	92.3	58.4	35	0	100	04/25
GA011027-8LE24	.	**81.5**	39	93.6	53.5	37	0	100	04/23
GA01134-8A6	.	**80.0**	59	81.9	58.7	37	0	100	04/27
Pioneer 26R20	.	**78.7**	43[T]	91.3	57.3	37	0	100	04/25
TV8589	.	**76.3**	56	85.7	56.6	40	0	100	04/25
LA841	.	**75.3**	50[T]	89.0	54.4	37	0	100	04/23
TVX8861	.	.	1	**116.2**	58.0	36	0	100	04/27
JGL Exp. 72562	.	.	2	**115.6**	55.1	35	9	100	04/26
USG 3251	.	.	4	**112.2**	57.5	38	0	100	04/26
JGL Exp. 51585	.	.	6	**110.3**	56.6	37	0	100	04/22
GA001142-9E23	.	.	8	**109.8**	59.3	40	0	100	04/24
USG 3555	.	.	10	**105.6**	56.4	33	0	100	04/24
LA821	.	.	13	**103.8**	56.7	38	0	100	04/25

Calhoun, Georgia:
Wheat Grain Performance, 2009-2010 (Continued)

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
USG 3770	.	.	14	**103.4**	56.7	41	0	100	04/23
GA001170-7E26	.	.	17	**102.2**	58.5	35	0	100	04/24
LA01139D-86-6-2	.	.	18	**102.1**	56.3	38	0	100	04/23
LA0110D-84-2-C	.	.	21	101.6	56.9	38	0	100	04/23
GA021245-9E16	.	.	23	100.5	58.9	37	0	100	04/24
USG 3452	.	.	25	99.6	56.3	39	0	100	04/25
USG 3438	.	.	26[T]	98.4	55.7	32	0	100	04/25
GA021338-9E15	.	.	29	96.8	58.9	38	0	100	04/26
TVX8581	.	.	32	95.3	56.6	39	0	100	04/23
LA01029D-139-3-C	.	.	33	95.2	58.1	39	0	100	04/23
JGL Exp. 60172	.	.	36	94.2	55.6	34	0	100	04/24
GA021087-9LE33	.	.	38	93.7	58.8	37	0	100	04/24
AGS CL7	.	.	46	90.1	56.3	36	0	100	04/24
Arcadia	.	.	48	89.4	57.7	37	0	100	04/25
Progeny 125	.	.	50[T]	89.0	55.5	33	0	100	04/25
GA021338-9E4	.	.	52	87.4	58.7	37	0	100	04/24
GA011446-9LE35	.	.	54	86.4	56.7	35	0	100	04/25
USG 3665	.	.	57	84.6	55.6	37	0	100	04/25
NC05-19896	.	.	60	78.8	57.5	36	11	100	04/24
GA02343-9LE5	.	.	61	75.4	57.6	35	0	100	04/25
Bilancia	.	.	62	71.3	52.6	30	4	100	04/23
Genesi	.	.	63	70.1	53.2	34	0	100	04/27
PST 49	.	.	64	69.1	51.1	31	0	100	04/26
PST 47	.	.	65	67.7	53.9	31	0	100	04/28
Esperia	.	.	66	65.5	55.9	32	4	100	04/26
PST 48	.	.	67	65.4	56.0	40	0	100	05/02
PST 46	.	.	68	58.7	56.9	32	0	100	05/03
Average	80.1	83.5		93.6 [2]	56.6	36	1	100	04/25
LSD at 10% Level	N.S.[3]	N.S.		14.4	3.8	2	N.S.	-	02
Std. Err. of Entry Mean	3.0	3.6		6.2	1.6	1	3	-	01

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 13.1%, and df for EMS = 213.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted:	November 4, 2009.
Harvested:	June 14, 2010.
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 P_2O_5, and 75 lb K_2O/acre.
	Topdress: 70 lb N/acre.
Management:	Chisel plowed, disked and rototilled.
Previous Crop:	Fallow.

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

Summary of Wheat Yields:
Georgia, 2009-2010 with Two- and Three-Year Averages

Brand-Variety	Yield[1] South[2] 3-Year Average	South[2] 2-Year Average	South[2] 2010	North[3] 3-Year Average	North[3] 2-Year Average	North[3] 2010	Statewide 3-Year Average	Statewide 2-Year Average	Statewide 2010
	bu/acre								
Commercial Lines									
AGS 2026	**80.7**	**73.3**	**74.6**	78.7	74.7	87.1	79.7	74.0	**80.8**
AGS 2035	**81.7**	**71.5**	66.9	76.7	75.3	83.5	79.2	73.4	75.2
AGS 2060	74.1	63.4	56.0	78.6	72.7	71.5	76.3	68.0	63.8
AGS CL7	.	.	62.0	.	.	74.5	.	.	68.2
Arcadia	.	.	68.1	.	.	77.4	.	.	72.7
Bilancia	.	.	.	.	.	61.9	.	.	.
Coker 9553	68.9	60.3	66.8	81.7	79.7	81.1	75.3	70.0	73.9
Coker 9700	73.6	63.8	**74.2**	.	.	.	.	.	.
Dyna-Gro Baldwin	**79.3**	**71.6**	65.1	78.1	72.1	83.7	78.7	71.9	74.4
Esperia	.	.	.	.	.	60.0	.	.	.
Fleming	66.7	57.6	55.9	.	.	.	.	.	.
Genesi	.	.	.	.	.	66.1	.	.	.
Jamestown	76.2	67.2	65.2	78.3	72.3	85.9	77.3	69.8	75.6
JGL Exp. 51585	.	.	67.6	.	.	**95.7**	.	.	**81.7**
JGL Exp. 60172	.	.	68.2	.	.	88.7	.	.	78.5
JGL Exp. 72562	.	.	68.5	.	.	**99.8**	.	.	**84.2**
LA821	.	.	69.5	.	.	89.5	.	.	**79.5**
LA841	.	53.7	50.7	.	62.0	69.0	.	57.8	59.9
Magnolia	.	.	.	**85.7**	80.1	80.5	.	.	.
Merl	.	54.5	69.5	.	**88.6**	81.0	.	71.5	75.3
Oglethorpe	78.3	68.7	68.9	76.6	71.0	83.9	77.5	69.9	76.4
Panola	68.3	62.4	**71.2**	**86.5**	**83.6**	86.9	77.4	73.0	79.0
Pioneer 26R20	.	61.1	62.1	.	77.8	79.5	.	69.5	70.8
Pioneer 26R31	74.9	65.1	67.9	68.6	63.8	79.9	71.7	64.4	73.9
Pioneer 26R61	73.1	63.7	61.6	72.4	70.1	78.4	72.7	66.9	70.0
Progeny 117	70.0	61.2	64.2	82.5	78.5	81.1	76.3	69.8	72.6
Progeny 125	.	.	**72.9**	.	.	80.3	.	.	76.6
Progeny 166	62.3	58.4	65.3	**84.7**	**81.5**	81.5	73.5	70.0	73.4
Progeny 185	65.7	58.9	63.1	78.2	76.6	73.9	71.9	67.7	68.5
PST 46	.	.	.	.	.	55.4	.	.	.
PST 47	.	.	.	.	.	65.9	.	.	.
PST 48	.	.	.	.	.	60.7	.	.	.
PST 49	.	.	.	.	.	62.9	.	.	.
SS520	63.6	57.4	69.4	60.2	59.6	79.7	61.9	58.5	74.5
SS8308	64.4	59.5	66.0	82.6	79.3	78.9	73.5	69.4	72.4
SS8404	67.3	59.7	58.7	68.3	62.4	78.2	67.8	61.0	68.5
SS8641	78.3	**72.2**	68.0	**84.7**	78.0	82.0	81.5	75.1	75.0
TV8558	.	62.7	70.5	.	**84.5**	83.0	.	73.6	76.8
TV8589	.	60.1	60.7	.	77.7	75.1	.	68.9	67.9
TVX8581	.	.	69.8	.	.	81.3	.	.	75.6
TVX8861		.	68.7	.	.	**103.4**	.	.	**86.0**
USG 3120	73.2	63.6	54.9	78.9	73.5	78.4	76.1	68.6	66.7
USG 3209	62.6	51.7	62.4	81.5	78.1	89.6	72.0	64.9	76.0
USG 3251	.	.	63.7	.	.	**93.4**	.	.	78.5
USG 3295	71.4	64.4	59.6	82.6	80.5	79.2	77.0	72.4	69.4

Summary of Wheat Yields:
Georgia, 2009-2010 with Two- and Three-Year Averages (Continued)

Brand-Variety	Yield[1] South[2] 3-Year Average	South[2] 2-Year Average	South[2] 2010	North[3] 3-Year Average	North[3] 2-Year Average	North[3] 2010	Statewide 3-Year Average	Statewide 2-Year Average	Statewide 2010
	bu/acre								
Commercial Lines - continued									
USG 3438	.	.	65.2	.	.	83.3	.	.	74.2
USG 3452	.	.	68.5	.	.	79.8	.	.	74.2
USG 3555	.	.	64.7	.	.	87.7	.	.	76.2
USG 3592	.	.	69.4	75.1	72.7	85.4	.	.	77.4
USG 3665	.	.	70.2	.	.	75.8	.	.	73.0
USG 3770	.	.	**71.6**	.	.	87.2	.	.	**79.4**
Average	*71.6*	*62.5*	*65.8*	*78.2*	*75.1*	*79.8*	*74.9*	*68.8*	*74.3*
Experimental Lines									
GA00067-8E35	.	65.8	61.6	.	**81.6**	86.3	.	73.7	74.0
GA001138-8E36	.	**73.1**	66.0	.	76.5	83.5	.	74.8	74.7
GA001142-9E23	.	.	63.4	.	.	86.1	.	.	74.8
GA001170-7E26	.	.	65.3	.	.	**91.7**	.	.	78.5
GA011027-8LE24	.	**70.7**	**74.6**	.	73.9	79.3	.	72.3	77.0
GA011124-8LE28	.	.	.	.	80.0	82.0	.	.	.
GA011174-8A9	.	67.5	67.6	.	79.8	77.9	.	73.6	72.7
GA01134-8A6	.	.	.	.	75.3	68.3	.	.	.
GA011446-9LE35	.	.	70.6	.	.	74.5	.	.	72.5
GA011493-8E18	.	68.9	65.2	.	79.3	79.5	.	74.1	72.4
GA021087-9LE33	.	.	64.0	.	.	83.9	.	.	73.9
GA021245-9E16	.	.	64.3	.	.	87.4	.	.	75.8
GA021338-9E15	.	.	64.4	.	.	**92.5**	.	.	78.5
GA021338-9E4	.	.	61.0	.	.	79.9	.	.	70.5
GA02343-9LE5	.	.	49.4	.	.	67.0	.	.	58.2
GA031238-7E34	**81.1**	**74.2**	**71.5**	**89.7**	**86.8**	90.7	**85.4**	**80.5**	**81.1**
GA991336-6E9	74.4	65.0	53.6	**85.9**	80.0	80.1	80.1	72.5	66.8
LA01029D-139-3-C	.	.	66.5	.	.	87.8	.	.	77.1
LA0110D-84-2-C	.	.	**74.0**	.	.	86.5	.	.	**80.2**
LA01110D-150	.	63.4	64.1	.	73.4	83.2	.	68.4	73.6
LA01110D-84-1-C	.	**74.0**	**75.9**	.	75.5	86.7	.	74.8	**81.3**
LA01139D-86-6-2	.	.	60.9	.	.	89.3	.	.	75.1
NC05-19896	.	.	62.1	.	.	74.0	.	.	68.1
Average	*77.8*	*69.2*	*65.0*	*87.8*	*78.4*	*82.5*	*82.8*	*73.9*	*74.1*
Overall test averages and statistics:									
Average	72.1	64.2	65.5	79.0	76.0	80.6	75.6	70.1	74.2
LSD at 10% Level	3.0	3.7	5.0	6.0	7.3	12.2	3.4	4.1	6.8
Std. Err. of Entry Mean	1.3	1.6	2.1	2.6	3.1	5.3	1.4	1.8	2.9

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

Summary of Late-Planted Wheat Yields: Georgia, 2009-2010 with Two- and Three-Year Averages

	Yield[1]		
	South[2]		
Brand-Variety	3-Year Average	2-Year Average	2010
	bu/acre		
AGS 2020	**60.6**	**49.0**	**41.1**
AGS 2026	.	.	**37.6**
AGS 2031	.	.	**30.1**
AGS 2035	.	.	**37.7**
AGS 2060	52.7	44.5	**38.0**
Arcadia	.	.	**34.0**
Bilancia	.	.	.
Coker 9553	44.6	35.3	**31.0**
Coker 9700	51.6	40.3	**34.4**
Dyna-Gro Baldwin	.	.	**34.9**
Fleming	55.1	**48.8**	**33.5**
GA00219-8E45	.	**50.5**	**33.1**
GA021338-9EE11	.	.	**36.4**
GA021773-9EE21	.	.	**35.5**
GA03564-9EE42	.	.	**34.4**
GA991336-6E9	.	.	**30.1**
Jamestown	57.3	47.3	**36.6**
Progeny 117	.	33.4	**32.1**
SS520	42.9	36.0	**34.5**
USG 3120	.	.	.
USG 3209	48.6	36.1	**32.7**
USG 3452	.	.	**32.9**
USG 3555	.	.	**28.0**
USG 3665	.	.	**33.0**
USG 3770	.	.	**39.9**
Average	51.7	42.1	34.4
LSD at 10% Level	2.8	2.8	N.S.[3]
Std. Err. Of Entry Mean	1.2	1.2	1.7

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

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

Plains, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2009-2010

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height
	bu/acre	lb/bu	Julian days[2]	in
GA001138-8E36	**82.4**	61.5	32	108
TN902	**80.1**	60.8	30	110
GA011493-8E18	**78.1**	61.6	31	110
AR98088-1-1	**77.7**	61.8	30	108
VA06W-412	**76.2**	60.5	28	109
NC05-19896	**76.0**	61.8	25	111
GA00067-8E35	**75.8**	62.2	28	109
B05*0323	**74.9**	60.4	30	113
AR96052-4-3	**73.7**	60.4	24	107
NC06-20401	**73.7**	61.3	27	108
G75692	**73.5**	61.0	26	108
G81036	**73.3**	59.7	30	111
B05-0142	**72.7**	59.5	27	110
LA01056D-84-7-2	**72.7**	61.5	28	109
G75735	**72.4**	61.7	33	110
MD01W270-08-12	**71.2**	61.7	28	109
B05-0329	**71.1**	58.6	30	111
W980031K1	**70.7**	62.1	28	109
NC05-19684	**70.3**	63.3	24	110
VA05W-251	**69.7**	58.8	24	109
NC06-19556	**69.7**	60.8	26	109
Coker 9553	**69.5**	62.0	29	109
LA0110D-84-2	**68.8**	61.7	31	104
VA05W-139	**67.6**	60.6	26	111
MD01W28-08-11	67.1	61.2	32	111
LA01139D-56-1	66.9	59.7	25	104
MD00W389-08-4	66.2	61.4	25	108
Pioneer Brand 26R61	65.0	61.5	30	109
LA01139D-86-2	64.8	61.5	31	105
AGS 2000	64.1	60.3	31	108
VA06W-392	60.7	60.9	27	110
USG 3555	45.6	60.5	25	108
Average	70.7	61.0	28	109
LSD at 5% Level	15.2			

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 10.3%.

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

Planted: November 19, 2009.
Harvested: May 27, 2010.
Seeding Rate: 22 seeds per foot in 7" rows.
Soil Type: Cecil sandy clay loam
Fertilization: Preplant: 15 lb N, 30 lb P_2O_5, and 45 lb K_2O/acre.
Topdress: 75 lb N/acre.

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

Griffin, Georgia:
Uniform Southern Soft Red Winter Wheat Nursery, 2009-2010

Brand-Variety	Yield[1]	Test Weight	Heading Date	Height	Stripe Rust
	bu/acre	lb/bu	Julian days[2]	in	rating[3]
GA001138-8E36	**82.0**	61.6	113	38	0
NC05-19896	**79.1**	61.6	113	28	2
LA01139D-56-1	**77.4**	61.4	109	26	0
Coker 9553	**76.4**	61.8	108	33	0
B05-0142	**74.4**	58.9	112	31	2
B05-0329	**73.5**	61.4	114	33	0
LA01056D-84-7-2	**73.5**	60.0	108	32	3
VA05W-139	**73.3**	61.5	112	29	2
USG 3555	**72.6**	60.1	111	28	0
VA06W-412	**71.2**	62.1	114	30	4
LA01139D-86-2	**70.0**	60.9	112	31	0
LA0110D-84-2	**69.9**	60.2	110	31	0
G81036	68.3	59.8	114	31	3
GA00067-8E35	67.5	61.6	112	32	0
GA011493-8E18	66.9	62.4	113	33	0
B05*0323	66.6	60.8	115	32	3
NC06-19556	66.4	59.2	113	28	6
VA06W-392	65.5	60.8	113	26	0
AR98088-1-1	65.5	61.2	111	30	1
G75692	65.5	58.5	110	28	4
W980031K1	64.0	62.3	112	32	1
AR96052-4-3	62.5	60.0	111	27	3
NC06-20401	62.1	58.9	109	31	5
Pioneer Brand 26R61	58.9	62.3	112	31	1
AGS 2000	57.2	61.5	112	30	4
MD00W389-08-4	49.3	57.4	109	24	7
MD01W270-08-12	47.4	59.7	110	26	6
TN902	43.1	56.2	115	26	6
MD01W28-08-11	42.8	60.2	113	26	7
VA05W-251	42.6	59.0	113	24	5
NC05-19684	40.4	59.6	115	24	6
G75735	34.1	56.5	115	28	7
Average	63.4	60.3	112	29	3
LSD at 5% Level	12.8				

1. Yields calculated as 60 pounds per bushel.
2. Days from January 1.
3. Rating: 0 = resistant to 9 = very susceptible.
4. C.V. = 12.4%.

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: 15 lb N, 30 lb P_2O_5, and 45 lb K_2O/acre.
Topdress: 75 lb N/acre.

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

Triticale

Tifton, Georgia:
Triticale Grain Performance, 2009-2010

	Yield[1]		2010 Data						
Brand-Variety	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
Trical 342	**96.2**	**81.7**	1	**95.8**	50.6	50	0	100	04/10
Trical 2700	63.0	52.9	4	60.0	49.4	56	0	100	04/16
NCPT01-1433	.	68.9	2	77.3	49.6	43	0	100	04/10
NF96210	.	.	3	65.2	53.6	58	0	100	04/10
Average	79.6	67.8		74.6 [2]	50.8	51	0	100	04/12
LSD at 10% Level	7.1	10.1		17.0	2.3	2	-	-	01
Std. Err. of Entry Mean	2.8	4.0		6.6	0.9	1	-	-	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 17.6%, and df for EMS = 9.

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

Planted: November 18, 2009.
Harvested: May 26, 2010.
Seeding Rate: 18 seeds per foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 108 lb N/acre.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Small Grain.

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

Plains, Georgia:
Triticale Grain Performance, 2009-2010

Brand-Variety	2-Year Average	2010 Data						
		Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
			bu/acre	lb/bu	in	%	%	mo/day
Trical 342	**86.6**	1	**88.7**	50.1	47	0	100	04/11
NCPT01-1433	68.0	2	75.5	51.9	39	0	100	04/12
Trical 2700	64.6	3	70.2	51.3	51	0	100	04/23
NF96210	.	4	64.7	51.0	53	0	100	04/11
Average	73.1		74.8 [2]	51.1	47	0	100	04/14
LSD at 10% Level	7.2		5.3	0.8	2	-	-	01
Std. Err. of Entry Mean	4.0		2.0	0.3	1	-	-	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 5.4%, and df for EMS = 9.

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

Planted: November 20, 2009.
Harvested: June 3, 2010.
Seeding Rate: 18 seeds per foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

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

Midville, Georgia:
Triticale Grain Performance, 2009-2010

Brand-Variety	2-Year Average	2010 Data						
		Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
			bu/acre	lb/bu	in	%	%	mo/day
Trical 342	**53.8**	1	**33.4**	.	44	0	95	04/18
NCPT01-1433	**46.3**	2	**31.2**	.	34	0	100	04/20
Trical 2700	**33.4**	4	21.1	.	45	0	100	04/24
NC05-19896	.	3	**28.5**	.	26	0	100	04/18
NF96210	.	5	17.7	.	42	0	48	04/18
Average	44.5		26.3 [2]	.	38	0	89	04/19
LSD at 10% Level	N.S.[3]		5.6		3	-	9	02
Std. Err. of Entry Mean	2.8		2.2		1	-	4	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 16.9%, and df for EMS =12.
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 1, 2009.
Harvested: June 8, 2010.
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: 18 lb N, 46 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked, chisel plowed and field conditioned; Harmony Extra and Osprey used for weed control.
Previous Crop: Soybeans.

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

Griffin, Georgia:
Triticale Grain Performance, 2009-2010

Brand-Variety	2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
			bu/acre	lb/bu	in	%	%	mo/day
Trical 342	**82.4**	1	**105.4**	54.5	53	1	100	04/18
Trical 2700	**74.1**	2	79.5	53.4	54	1	100	04/27
NCPT01-1433	**69.9**	3	63.1	53.9	42	1	100	04/23
NF96210	.	4	58.1	52.1	55	2	100	04/18
Average	75.5		76.5 [2]	53.5	51	1	100	04/21
LSD at 10% Level	N.S.[3]		21.4	0.7	2	-	-	02
Std. Err. of Entry Mean	5.4		8.2	0.3	1	-	-	01

1. Yields calculated as 48 pounds per bushel at 13.0% moisture.
2. C.V. = 21.6%, and df for EMS = 9.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 9, 2009.
Harvested: June 1, 2010.
Seeding Rate: 18 seeds per foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.3.
Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 65 lb N/acre.
Management: Chisel plowed, disked and rototilled; Harmony Extra used for weed control.
Previous Crop: Wheat.

Test conducted by J. Gassett and G. Ware.

Summary of Triticale Yields:
Georgia, 2009-2010 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010
	bu/acre								
NCPT01-1433	.	61.1	61.3	.	**69.9**	63.1	.	63.3	61.8
NF96210	.	.	49.2	.	.	58.1	.	.	51.4
Trical 2700	58.6	50.3	50.4	.	**74.1**	79.5	61.4	56.2	57.7
Trical 342	**85.2**	**74.0**	**72.6**	.	**82.4**	**105.4**	**84.7**	**76.1**	**80.8**
Average	71.9	61.8	58.4	.	75.5	76.5	73.1	65.2	62.9
LSD at 10% Level	4.0	4.5	5.7		N.S.[4]	21.4	4.8	5.5	8.2
Std. Err. of Entry Mean	1.6	1.9	2.4		5.4	8.2	2.0	2.3	3.4

1. Yields calculated at 48 pounds per bushel at 13.0% moisture.
2. Tifton, Plains, and Midville.
3. Griffin.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Oat

Tifton, Georgia:
Oat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Horizon 201	**139.9**	**132.2**	1	**155.9**	30.5	54	0	100	04/11
Horizon 270	**128.8**	119.4	4	**138.0**	32.2	42	0	100	04/13
Plot Spike LA9339	124.4	115.5	9	127.3	31.9	47	0	100	04/20
TAMO 406	123.6	115.5	5[T]	**137.2**	32.9	50	0	100	04/17
RAM LA99016	120.1	105.0	11	124.6	31.7	50	0	100	04/13
NC03-2421	.	**130.6**	2	**144.4**	32.7	44	0	100	04/15
LA976-59-S1	.	116.2	6	**136.2**	32.1	42	0	100	04/15
TX05CS556	.	111.9	5[T]	**137.2**	30.7	43	0	100	04/14
FL99153-45-S1	.	110.0	8	128.3	34.7	45	0	100	04/14
TX05CS347-1	.	106.5	10	124.9	31.5	44	0	100	04/15
LA03046-7-S1	.	106.4	7	128.9	32.3	41	0	100	04/15
LA03063-S4	.	100.5	12	122.4	31.6	44	0	100	04/10
NC02-8331	.	.	3	**141.7**	31.5	39	0	100	04/18
SS76-40	.	.	13	101.9	30.4	44	0	100	04/19
Average	127.4	114.1		132.1 [2]	31.9	45	0	100	04/15
LSD at 10% Level	11.2	12.2		20.2	1.2	4	-	-	01
Std. Err. of Entry Mean	4.7	5.2		8.5	0.5	2	-	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 12.9%, and df for EMS = 39.

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

Planted: November 18, 2009.
Harvested: May 26, 2010.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 108 lb N/acre.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Small grain.

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

Plains, Georgia:
Oat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	2010 Data Yield[1]	2010 Data Test Wt	2010 Data Ht	2010 Data Lodg.	2010 Data Winter Survival	2010 Data Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Horizon 201	**138.7**	**125.4**	2	**117.7**	25.1	37	0	100	04/15
Horizon 270	**132.1**	**110.3**	11	99.0	30.9	31	0	100	04/18
Plot Spike LA9339	**127.9**	**122.6**	12	97.6	30.7	36	0	100	04/23
RAM LA99016	**122.1**	**107.9**	4	**109.1**	28.2	36	0	100	04/17
TAMO 406	**119.8**	**113.4**	9	101.7	29.7	35	0	100	04/19
NC03-2421	.	**120.8**	3	**112.8**	33.0	33	0	100	04/18
LA976-59-S1	.	**118.8**	1	**118.9**	32.1	33	0	100	04/18
FL99153-45-S1	.	**114.9**	5	**108.4**	35.9	33	0	100	04/18
LA03046-7-S1	.	**113.7**	6	**107.4**	31.4	32	0	100	04/19
TX05CS347-1	.	**110.2**	8	**101.9**	31.6	31	0	100	04/19
LA03063-S4	.	**107.6**	10	100.7	30.9	34	0	100	04/11
TX05CS556	.	**102.6**	14	84.0	27.3	30	0	100	04/17
NC02-8331	.	.	7	**107.3**	32.3	29	0	100	04/20
SS76-40	.	.	13	87.4	28.6	35	0	100	04/23
Average	128.1	114.0		103.8 [2]	30.5	33	0	100	04/18
LSD at 10% Level	N.S.[3]	N.S.		17.1	3.3	2	-	-	01
Std. Err. of Entry Mean	3.0	4.8		7.2	0.4	1	-	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 13.8%, and df for EMS = 39.
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, 2009.
Harvested: June 4, 2010.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 80 lb N/acre.
Management: Disked and rototilled.
Previous Crop: Peanuts.

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

Midville, Georgia:
Oat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day

Oat varieties were planted at this location on December 1, 2009. However, extensive damage from later planting, excessive rainfall, water-logged and compacted soil conditions caused very low yields and considerable variation in performance among plots within the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the performance potential of all test entries. Since this data could be misleading if used in making decisions concerning variety selection, we have chosen not to present the results in this publication.

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

Planted:	December 1, 2009
Harvested:	June 8, 2010.
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: 18 lb N, 46 lb P_2O_5, and 60 lb K_2O/acre. Topdress: 80 lb N/acre.
Management:	Disked, chisel plowed and field conditioned; Harmony Extra used for weed control.
Previous Crop:	Soybeans.

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

Griffin, Georgia:
Oat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Plot Spike LA9339	**132.6**	**131.1**	1	**123.6**	36.3	42	0	100	05/02
Horizon 201	**130.4**	**122.0**	13	90.6	34.6	45	0	100	04/26
Horizon 270	**127.7**	**123.6**	8	**108.9**	35.7	36	0	100	04/26
RAM LA99016	**127.6**	**122.1**	11	101.1	36.1	43	0	100	04/25
TAMO 406	**109.5**	**111.2**	7	**111.4**	36.1	43	0	100	05/01
SS76-40	**94.3**	**75.1**	14	23.8	31.9	36	0	100	05/02
TX05CS556	.	**135.2**	4	**118.4**	35.4	38	0	100	04/26
TX05CS347-1	.	**129.2**	2	**123.1**	37.6	39	0	100	05/02
NC03-2421	.	**128.0**	12	96.9	36.1	38	0	100	04/27
FL99153-45-S1	.	126.8	5	**117.8**	37.9	41	0	100	04/25
LA03063-S4	.	**124.2**	3	**119.4**	36.4	40	0	100	04/25
LA976-59-S1	.	**123.2**	6	**111.6**	36.0	38	0	100	05/01
LA03046-7-S1	.	**121.3**	9	**107.5**	35.5	38	0	100	05/01
NC02-8331	.	.	10	103.7	34.7	34	0	100	05/01
Average	120.3	121.0		104.1 [2]	35.7	39	0	100	04/28
LSD at 10% Level	N.S.[3]	N.S.		16.2	0.9	2	-	-	02
Std. Err. of Entry Mean	3.8	5.6		6.8	0.4	1	-	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 13.1%, and df for EMS = 39.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 9, 2009.
Harvested: June 2, 2010.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.3.
Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 65 lb N/acre.
Management: Chisel plowed, disked and rototilled; Harmony Extra used for weed control.
Previous Crop: Wheat.

Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Oat Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Horizon 201	**103.7**	**113.7**	4	**117.8**	33.5	51	73	100	04/23
Plot Spike LA9339	**103.4**	**110.5**	3	**120.1**	36.0	44	65	100	04/26
Horizon 270	**96.1**	**106.1**	8	99.6	34.1	40	18	100	04/22
SS76-40	**88.2**	**88.5**	1	**126.8**	35.7	42	3	100	04/20
RAM LA99016	**85.4**	**87.6**	13	94.9	35.2	47	40	100	04/19
TAMO 406	**85.0**	**94.5**	9	99.5	34.5	43	89	100	04/24
NC03-2421	.	**110.1**	2	**121.4**	36.9	41	20	100	04/23
TX05CS347-1	.	**106.6**	6	108.6	35.6	43	35	100	04/21
LA03063-S4	.	**104.3**	7	108.0	34.0	43	51	100	04/22
LA03046-7-S1	.	**101.4**	11	97.5	34.1	41	26	100	04/23
TX05CS556	.	**100.7**	5	**110.8**	33.7	40	49	100	04/21
LA976-59-S1	.	**98.5**	12	95.0	33.8	40	5	100	04/25
FL99153-45-S1	.	**85.9**	14	81.5	35.3	42	64	100	04/21
NC02-8331	.	.	10	98.9	34.4	40	30	100	04/23
Average	93.6	100.6		105.7 [2]	34.8	42	40	100	04/22
LSD at 10% Level	N.S.[3]	N.S.		17.3	0.9	3	25	-	03
Std. Err. of Entry Mean	4.7	5.8		7.2	0.4	1	10	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 13.7%, and df for EMS = 39.
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, 2009.
Harvested: June 15, 2010.
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 P_2O_5, and 75 lb K_2O/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, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Horizon 201	**108.2**	**125.2**	1	**120.0**	30.7	42	0	100	04/19
RAM LA99016	92.4	**102.8**	4	94.4	31.2	39	0	100	04/21
Plot Spike LA9339	89.8	**105.7**	11	79.5	31.5	39	0	100	04/24
Horizon 270	89.7	**105.0**	10	84.8	27.5	32	0	100	04/26
TAMO 406	83.2	**97.3**	8	85.9	31.5	39	0	100	04/23
NC03-2421	.	**117.0**	6	88.0	29.2	35	0	100	04/23
TX05CS347-1	.	**109.1**	5	91.8	33.0	33	0	100	04/21
FL99153-45-S1	.	**107.4**	2	108.8	33.6	37	0	100	04/21
LA976-59-S1	.	**105.0**	9	85.8	28.4	35	0	100	04/26
LA03046-7-S1	.	**98.6**	13	74.8	29.5	34	0	100	04/26
TX05CS556	.	**94.9**	7	87.8	28.2	33	0	100	04/23
LA03063-S4	.	**93.8**	12	75.7	31.0	33	0	100	04/15
NC02-8331	.	.	3	99.3	30.5	31	0	100	04/27
SS76-40	.	.	14	27.7	27.7	32	0	100	04/28
Average	92.7	105.1		86.0 [2]	30.3	35	0	100	04/23
LSD at 10% Level	6.3	N.S.[3]		10.5	-	2	-	-	01
Std. Err. of Entry Mean	2.6	3.2		4.4	-	1	-	-	01

1. Yields calculated as 32 pounds per bushel at 12.5% moisture.
2. C.V. = 10.3%, and df for EMS = 39.
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 12, 2010.
Harvested: June 10, 2010.
Seeding Rate: 11 seeds per foot in 7" rows.
Soil Type: Orangeburg loamy sand.
Soil Test: P = Medium, K = Low, and pH = 6.2.
Fertilization: Preplant: 54 lb N, 27 lb P_2O_5, and 54 lb K_2O/acre.
Topdress: 50 lb N/acre.
Management: Disked; Buctril and Harmony Extra used for weed control.

Test conducted by J. Jones.

Summary of Oat Yields:
Georgia, 2009-2010 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010
	bu/acre								
FL99153-45-S1	.	112.4	118.4	.	**106.4**	**99.6**	.	109.4	**109.0**
Horizon 201	**139.3**	**128.8**	**136.8**	**117.1**	**117.8**	**104.2**	**128.2**	**123.3**	**120.5**
Horizon 270	130.4	114.9	118.5	**111.9**	**114.9**	**104.2**	121.2	114.9	**111.4**
LA03046-7-S1	.	110.1	118.2	.	**111.3**	**102.5**	.	110.7	**110.3**
LA03063-S4	.	104.0	111.5	.	**114.3**	**113.7**	.	109.1	**112.6**
LA976-59-S1	.	117.5	**127.5**	.	**110.8**	**103.3**	.	114.2	**115.4**
NC02-8331	.	.	**124.5**	.	.	**101.3**	.	.	**112.9**
NC03-2421	.	**125.7**	**128.6**	.	**119.0**	**109.1**	.	**122.4**	**118.9**
Plot Spike LA9339	126.2	119.0	112.4	**118.0**	**120.8**	**121.8**	122.1	**119.9**	**117.1**
RAM LA99016	121.1	106.5	116.8	**106.5**	**104.8**	**98.0**	113.8	105.7	**107.4**
SS76-40	.	.	94.6	**91.3**	**81.8**	**75.3**	.	.	**85.0**
TAMO 406	121.7	114.4	119.4	**97.2**	**102.8**	**105.4**	109.5	108.6	**112.4**
TX05CS347-1	.	108.3	113.4	.	**117.9**	**115.9**	.	113.1	**114.6**
TX05CS556	.	107.2	110.6	.	**117.9**	**114.6**	.	112.6	**112.6**
Average	127.7	114.1	117.9	107.0	110.8	104.9	119.0	113.7	111.4
LSD at 10% Level	6.6	8.2	13.1	N.S.[4]	N.S.	N.S.	5.9	6.6	N.S.
Std. Err. of Entry Mean	2.8	3.5	5.6	4.7	5.0	7.0	2.5	2.8	4.5

1. Yields calculated at 32 pounds per bushel at 12.5% moisture.
2. Tifton and Plains.
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, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Wintergrazer 70	**35.3**	**31.1**	3	**42.7**	54.3	72	5	100	04/11
Wrens 96	**34.1**	**31.2**	9	37.4	54.3	72	0	100	04/06
NF95307A	**31.6**	**27.4**	6	39.7	53.5	73	8	100	04/12
Maton II	**30.2**	**26.4**	4	41.1	52.2	72	5	100	04/10
Bates RS4	**29.4**	**26.0**	7	38.2	52.9	72	13	100	04/06
AGS 104	.	.	1	**46.4**	54.5	73	0	100	04/12
Early Graze	.	.	2	**44.7**	54.6	73	8	100	04/12
Florida 401	.	.	5	40.7	53.2	73	0	100	04/12
Wrens Abruzzi	.	.	8	38.0	53.9	72	28	100	04/10
Average	32.1	28.4		41.0 [2]	53.7	72	7	100	04/10
LSD at 10% Level	N.S.[3]	N.S.		4.7	1.2	N.S.	15	-	-
Std. Err. of Entry Mean	1.0	1.0		1.9	0.5	1	6	-	-

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.
2. C.V. = 9.4%, and df for EMS = 24.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 18, 2009.
Harvested: May 26, 2010.
Seeding Rate: 18 seeds per foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 54 lb N/acre.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Small grain.

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

Griffin, Georgia:
Rye Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Maton II	**41.1**	**35.7**	1	**46.6**	53.5	67	95	100	40282
Bates RS4	**40.8**	**36.4**	5	**39.8**	52.9	68	98	100	40282
NF95307A	**39.8**	**39.3**	2	**43.1**	53.9	65	93	100	40282
Wintergrazer 70	**38.9**	**36.1**	4	**40.9**	52.4	70	99	100	40281
Wrens 96	**35.7**	**32.6**	8	27.4	52.9	70	98	100	40282
AGS 104	.	.	3	**41.8**	53.1	67	91	100	40281
Wrens Abruzzi	.	.	6	35.7	52.6	70	96	100	40281
Early Graze	.	.	7	34.1	52.9	69	95	100	40281
Florida 401	.	.	9	25.6	50.1	65	96	100	40281
Average	39.3	36.0		37.2 [2]	52.7	68	96	100	40281
LSD at 10% Level	N.S.[3]	N.S.		6.9	N.S.	N.S.	3	-	01
Std. Err. of Entry Mean	1.3	1.8		2.9	0.8	2	1	-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.
2. C.V. = 15.4%, and df for EMS = 24.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

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

Planted: November 9, 2009.
Harvested: June 2, 2010.
Seeding Rate: 18 seeds per foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.3.
Fertilization: Preplant: 20 lb N, 40 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 65 lb N/acre.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Wheat.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Rye Grain Performance, 2009-2010

Brand-Variety	Yield[1] 3-Year Average	Yield[1] 2-Year Average	2010 Data Rank	Yield[1]	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre -----			bu/acre	lb/bu	in	%	%	mo/day
Wintergrazer 70	**22.6**	**27.4**	3	**25.2**	50.9	.	.	100	04/12
NF95307A	**21.4**	**27.3**	4	**21.7**	48.2	.	.	100	04/11
Bates RS4	**20.1**	**25.2**	5	19.4	49.1	.	.	100	04/17
Wrens 96	**19.5**	**21.2**	8	17.0	49.1	.	.	100	04/17
Maton II	**17.6**	**22.0**	6	18.4	47.4	.	.	100	04/17
AGS 104	.	.	1	**26.5**	50.4	.	.	100	04/11
Florida 401	.	.	2	**26.3**	49.0	.	.	100	04/08
Wrens Abruzzi	.	.	7	17.5	48.9	.	.	100	04/14
Early Graze	.	.	9	16.0	48.6	.	.	100	04/15
Average	20.2	24.6		20.9 [2]	49.1	.	.	100	04/13
LSD at 10% Level	N.S.[3]	N.S.		5.1	-			-	01
Std. Err. of Entry Mean	1.4	1.5		2.2	-			-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.
2. C.V. = 20.3%, and df for EMS = 24.
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 12, 2010.
Harvested: June 10, 2010.
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 P_2O_5, and 54 lb K_2O/acre.
Topdress: 50 lb N/acre.
Management: Disked; Buctril and Harmony Extra used for weed control.

Test conducted by J. Jones.

Summary of Rye Yields:
Georgia, 2009-2010 with Two- and Three-Year Averages

	Yield[1]								
	South[2]			North[3]			Statewide		
Brand-Variety	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010
	bu/acre								
AGS 104	.	.	**46.4**	.	.	**41.8**	.	.	**44.1**
Bates RS4	**29.4**	**26.0**	38.2	**40.8**	**36.4**	**39.8**	**35.1**	**31.2**	**39.0**
Early Graze	.	.	**44.7**	.	.	34.1	.	.	**39.4**
Florida 401	.	.	40.7	.	.	25.6	.	.	**33.1**
Maton II	**30.2**	**26.4**	41.1	**41.1**	**35.7**	**46.6**	**35.7**	**31.1**	**43.9**
NF95307A	**31.6**	**27.4**	39.7	**39.8**	**39.3**	**43.1**	**35.7**	**33.3**	**41.4**
Wintergrazer 70	**35.3**	**31.1**	**42.7**	**38.9**	**36.1**	**40.9**	**37.1**	**33.6**	**41.8**
Wrens 96	**34.1**	**31.2**	37.4	**35.7**	**32.6**	27.4	**34.9**	**31.9**	**32.4**
Wrens Abruzzi	.	.	38.0	.	.	35.7	.	.	**36.8**
Average	32.1	28.4	41.0	39.3	36.0	37.2	35.7	32.2	39.1
LSD at 10% Level	N.S.[4]	N.S.	4.7	N.S.	N.S.	6.9	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	1.0	1.0	1.9	1.3	1.8	2.9	1.0	1.0	1.7

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, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-03-10	3-09-10	4-02-10	2010	2-Yr Avg
	---------- lb/acre ----------				
NF95134A	479	**1816**	**2967**	**5262**	.
Roberts	**825**	**1584**	2724	**5133**	.
Coker 9553	395	**1832**	2736	**4963**	**3621**
SS8641	**877**	**1573**	2370	**4819**	**3898**
USG 3452	479	1467	**2853**	**4799**	.
GA031238-7E34	689	**1608**	2474	4770	.
Oglethorpe	418	**1799**	2483	4700	.
USG 3592	450	1324	**2901**	4676	**3696**
Magnolia	445	**1542**	2527	4513	.
AGS 2035	**871**	**1607**	1987	4465	.
Merl	510	1394	2470	4374	.
Pioneer 26R61	632	**1573**	2161	4365	**3572**
USG 3438	501	950	**2871**	4321	.
USG 3295	401	1346	2526	4273	**3288**
Dyna-Gro Baldwin	370	1451	2391	4212	.
USG 3209	355	1142	2466	3962	**3264**
GA-Gore	196	1011	2675	3881	.
USG 3120	301	1307	2170	3777	.
Average	511	1462	2542	4515 [1]	3556
LSD at 10% Level	165	348	174	473	N.S.[2]
Std. Err. of Entry Mean	70	147	74	200	160

1. C.V. = 8.8%, and df for EMS = 51.
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 2, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 54 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Canola.

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

Plains, Georgia:
Wheat Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-18-10	3-24-10	4-22-10	2010	2-Yr Avg
	---------- lb/acre ----------				
USG 3592	**1460**	2418	2771	**6648**	**5612**
Pioneer 26R61	**1359**	**3032**	2235	**6625**	**5312**
Oglethorpe	**1433**	**2971**	2170	**6574**	.
USG 3438	527	1682	**4308**	**6517**	.
USG 3452	436	1830	**4152**	**6417**	.
SS8641	**1712**	2139	2500	**6351**	**5403**
USG 3120	**1852**	2283	1943	**6077**	.
Roberts	**1577**	2409	2091	**6077**	.
Dyna-Gro Baldwin	**1512**	2165	2169	5846	.
NF95134A	873	**2600**	2291	5765	.
AGS 2035	**1533**	2479	1712	5724	.
Magnolia	1311	1995	2409	5715	.
USG 3209	1263	2170	2178	5611	4737
Coker 9553	662	2461	2466	5589	4599
GA031238-7E34	**1634**	1829	1930	5392	.
GA-Gore	1107	2265	2004	5375	.
Merl	592	2008	2710	5310	.
USG 3295	828	2178	1982	4988	4127
Average	1204	2273	2445	5922 [1]	4965
LSD at 10% Level	499	539	325	712	455
Std. Err. of Entry Mean	210	228	137	300	189

1. C.V. = 10.1%, and df for EMS = 51.

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

Planted: November 5, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st and 2nd harvests.
Management: Disked, bedded and rototilled.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Wheat Forage Performance, 2009-2010

	Dry Matter Yield			
	Harvest Date		Season Totals	
Brand-Variety	3-24-10	4-23-10	2010	2-Yr Avg
	---------- lb/acre ----------			
Magnolia	2623	3800	**6422**	.
USG 3438	1232	**5127**	**6359**	.
SS8641	2286	3824	**6110**	**6367**
USG 3592	2325	3631	**5955**	**6145**
Oglethorpe	**3024**	2874	**5899**	.
USG 3452	1456	4391	**5847**	.
Roberts	**3174**	2599	5774	.
Pioneer 26R61	2516	2990	5505	**6266**
Dyna-Gro Baldwin	2227	3233	5460	.
Merl	1903	3556	5459	.
Coker 9553	1727	3589	5316	**6524**
NF95134A	1907	3392	5299	.
GA-Gore	2288	2777	5064	.
USG 3295	1852	2933	4784	**5672**
GA031238-7E34	2197	2576	4773	.
USG 3120	2647	2061	4709	.
USG 3209	1920	2513	4432	.
AGS 2035	2655	1701	4356	.
Average	2220	3198	5418 [1]	6195
LSD at 10% Level	515	376	605	N.S.[2]
Std. Err. of Entry Mean	218	158	256	224

1. C.V. = 9.4%, and df for EMS = 51.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 20, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after 1st harvest.
Management: Chisel plowed, disked and rototilled; Headline applied for rust control.
Previous Crop: Sorghum.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Wheat Forage Performance, 2009-2010

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	3-01-10	3-22-10	4-15-10	5-12-10	2010	2-Yr Avg
	lb/acre					
USG 3438	132	1343	**3853**	**1165**	**6493**	.
USG 3592	563	2188	2266	**1002**	**6019**	**5420**
USG 3452	328	1707	3044	769	5848	.
NF95134A	256	**2905**	1682	838	5681	.
SS8641	946	2080	1858	733	5615	4839
Dyna-Gro Baldwin	839	1866	1386	**1159**	5250	.
Roberts	519	1750	2225	757	5250	.
Magnolia	1135	1969	1541	584	5229	.
Coker 9553	254	2169	1899	849	5170	4794
GA-Gore	599	2193	1530	814	5135	.
AGS 2035	**1562**	1495	1730	324	5110	.
Merl	113	1484	2493	**1004**	5093	.
USG 3120	1238	1609	1590	627	5064	.
Oglethorpe	521	2277	1779	479	5056	.
USG 3209	278	1869	1907	**957**	5011	.
Pioneer 26R61	608	2123	1431	652	4813	4135
GA031238-7E34	627	1690	1494	797	4607	.
USG 3295	365	1625	1844	673	4507	4238
Average	604	1908	1975	788	5275 [1]	4685
LSD at 10% Level	274	268	271	267	570	378
Std. Err. of Entry Mean	116	113	114	112	240	156

1. C.V. = 9.1%, and df for EMS = 51.

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

Planted: November 11, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control; irrigated 0.75" on April 16, 2010 and April 24, 2010.
Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary:
Wheat Forage Performance, 2009-2010
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg
	lb/acre											
AGS 2035	4465	.	.	5724	.	.	4356	.	.	4848	.	.
Coker 9553	**4963**	**3621**	**5449**	5589	4599	4919	5316	**6524**	**6800**	**5289**	4915	5723
Dyna-Gro Baldwin	4212	.	.	5846	.	.	5460	.	.	5172	.	.
GA-Gore	3881	.	.	5375	.	.	5064	.	.	4773	.	.
GA031238-7E34	4770	.	.	5392	.	.	4773	.	.	4978	.	.
Magnolia	**4513**	.	.	5715	.	.	**6422**	.	.	**5550**	.	.
Merl	4374	.	.	5310	.	.	5459	.	.	5048	.	.
NF95134A	**5262**	.	.	5765	.	.	5299	.	.	**5442**	.	.
Oglethorpe	4700	.	.	**6574**	.	.	**5899**	.	.	**5724**	.	.
Pioneer 26R61	4365	**3572**	**4947**	**6625**	**5312**	**5585**	5505	**6266**	**6923**	**5498**	**5050**	5818
Roberts	**5133**	.	.	**6077**	.	.	5774	.	.	**5661**	.	.
SS8641	**4819**	**3898**	**5648**	**6351**	**5403**	**5707**	**6110**	**6367**	**7142**	**5760**	**5223**	**6166**
USG 3120	3777	.	.	**6077**	.	.	4709	.	.	4854	.	.
USG 3209	3962	**3264**	.	5611	4737	.	4432	.	.	4668	.	.
USG 3295	4273	**3288**	.	4988	4127	.	4784	**5672**	.	4682	4362	.
USG 3438	4321	.	.	**6517**	.	.	**6359**	.	.	**5732**	.	.
USG 3452	**4799**	.	.	**6417**	.	.	**5847**	.	.	**5687**	.	.
USG 3592	4676	**3696**	**5756**	**6648**	**5612**	**5835**	**5955**	**6145**	**6902**	**5759**	**5151**	**6165**
Average	4515	3556	5450	5922	4965	5512	5418	6195	6942	5285	4940	5968
LSD at 10% Level	473	N.S.[1]	N.S.	712	455	394	605	N.S.	N.S.	562	270	244
Std. Err. of Entry Mean	200	160	150	300	189	164	256	224	219	148	114	104

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, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-03-10	3-09-10	4-02-10	2010	2-Yr Avg
	---------- lb/acre ----------				
NCPT01-1433	558	**2170**	2662	**5389**	**4187**
NF96210	344	1590	**3049**	**4983**	.
DH-100	723	1673	2570	**4966**	.
Trical 2700	776	1468	2684	**4927**	**4030**
Trical 342	**1403**	1671	1560	**4633**	**3735**
Average	761	1714	2505	4979 [1]	3984
LSD at 10% Level	341	266	218	N.S.[2]	N.S.
Std. Err. of Entry Mean	135	106	86	209	122

1. C.V. = 8.4%, and df for EMS = 12.
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 2, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 54 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Canola.

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

Plains, Georgia:
Triticale Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-18-10	3-24-10	4-22-10	2010	2-Yr Avg
	---------- lb/acre ----------				
NCPT01-1433	1220	**2788**	**2980**	**6987**	**5602**
Trical 2700	1878	2418	**2657**	**6952**	**5662**
Trical 342	**2374**	2466	**1856**	**6696**	**5017**
DH-100	1494	2226	**2758**	**6478**	.
NF96210	558	**2989**	**2670**	**6216**	.
Average	1505	2577	2584	6666 [1]	5427
LSD at 10% Level	301	315	N.S.[2]	N.S.	N.S.
Std. Err. of Entry Mean	120	175	286	276	178

1. C.V. = 8.2%, and df for EMS = 12.
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 5, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st and 2nd harvests.
Management: Disked, bedded and rototilled.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Triticale Forage Performance, 2009-2010

	Dry Matter Yield			
	Harvest Date		Season Totals	
Brand-Variety	3-24-10	4-22-10	2010	2-Yr Avg
	---------- lb/acre ----------			
Trical 342	**4419**	1319	**5738**	**5460**
Trical 2700	2994	**2383**	**5376**	**5660**
DH-100	3392	1678	5070	.
NCPT01-1433	3228	1772	5000	**4959**
NF96210	2024	**2104**	4127	.
Average	3211	1851	5062 [1]	5360
LSD at 10% Level	665	429	557	N.S.[2]
Std. Err. of Entry Mean	264	170	221	226

1. C.V. = 8.7%, and df for EMS = 12.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 20, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after 1st harvest.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Sorghum.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Triticale Forage Performance, 2009-2010

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	2-11-10	3-10-10	3-30-10	4-21-10	2010	2-Yr Avg
	lb/acre					
NCPT01-1433	242	**1257**	**2823**	377	**4699**	**4238**
Trical 342	**1493**	779	1883	284	**4439**	**3680**
NF96210	150	**1159**	**2720**	344	**4373**	.
DH-100	361	1012	2519	**451**	**4342**	.
Trical 2700	613	**1188**	1987	**520**	**4307**	**3760**
Average	572	1079	2386	395	4432 [1]	3893
LSD at 10% Level	230	185	302	102	N.S.[2]	N.S.
Std. Err. of Entry Mean	91	74	120	40	160	95

1. C.V. = 7.2%, and df for EMS = 12.
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 11, 2009.
Seeding Rate: 27 seed/foot in 7" rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control; irrigated 0.75" on April 16, 2010 and April 24, 2010.
Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary:
Triticale Forage Performance, 2009-2010
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg
	lb/acre											
DH-100	**4966**	.	.	**6478**	.	.	5070	.	.	**5504**	.	.
NCPT01-1433	**5389**	**4187**	.	**6987**	**5602**	.	5000	**4959**	.	**5792**	**4916**	.
NF96210	**4983**	.	.	**6216**	.	.	4127	.	.	**5109**	.	.
Trical 2700	**4927**	**4030**	**5721**	**6952**	**5662**	**5912**	**5376**	**5660**	**6757**	**5752**	**5117**	**6130**
Trical 342	**4633**	**3735**	**4751**	**6696**	**5017**	**5595**	**5738**	**5460**	**6608**	**5689**	**4737**	**5651**
Average	4979	3984	5236	6666	5427	5754	5062	5360	6683	5569	4923	5891
LSD at 10% Level	N.S.[1]	N.S.	N.S.	N.S.	N.S.	N.S.	557	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	209	122	92	276	178	187	221	226	164	137	104	125

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

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

Tifton, Georgia:
Triticale Silage Performance, 2009-2010

Brand-Variety	Forage Yields*		Plant Height	Dry Matter
	Dry	Green		
	----- tons/acre -----		in	%
Trical 342	**6.5**	**14.4**	.	45
NCPT01-1433	**6.2**	**15.0**	.	41
DH-100	5.9	**14.7**	.	40
NC05-19896	5.8	13.6	.	43
Trical 2700	5.2	12.4	.	42
NF96210	5.0	12.3	.	41
Average	5.8 [1]	13.7 [2]	.	42
LSD at 10% Level	0.4	0.9		2
Std. Err. of Entry Mean	0.1	0.4		1

* Harvested at early dough (just past milk stage).

1. C.V. = 5.0%, and df for EMS = 15.
2. C.V. = 5.3%, 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 2, 2009.
Harvested:	April 29, 2010.
Seeding Rate:	27 seed/foot in 7" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.2.
Fertilization:	Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
	Topdress: 54 lb N/acre.
Management:	Disked, chisel plowed and rototilled.
Previous Crop:	Canola.

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

Griffin, Georgia:
Triticale Silage Performance, 2009-2010

Brand-Variety	Forage Yields*		Plant Height	Dry Matter
	Dry	Green		
	----- tons/acre -----		in	%
DH-100	**4.7**	**15.0**	.	32
Trical 342	**4.5**	10.8	.	42
Trical 2700	3.8	10.9	.	35
NF96210	3.4	9.5	.	36
NCPT01-1433	3.2	9.3	.	35
Average	3.9 [1]	11.1 [2]	.	36
LSD at 10% Level	0.5	1.7		1
Std. Err. of Entry Mean	0.2	0.7		1

* Harvested at early dough (just past milk stage).

1. C.V. = 10.7%, and df for EMS = 12.
2. C.V. = 12.4%, 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:	October 20, 2009.
Harvested:	April 21, 2010.
Seeding Rate:	27 seed/foot in 7" rows.
Soil Type:	Cecil sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.5.
Fertilization:	Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
	Topdress: 50 lb N/acre in mid-February.
Management:	Chisel plowed, disked and rototilled; Headline applied for rust control.
Previous Crop:	Soybeans.

Test conducted by J. Gassett and G. Ware.

Oat

Tifton, Georgia:
Oat Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-03-10	3-09-10	4-02-10	2010	2-Yr Avg
	---------- lb/acre ----------				
NF27	662	**1507**	**2988**	**5158**	.
Harrison	558	**1603**	**2840**	**5001**	.
TX05CS347-1	445	**1633**	**2906**	**4983**	**5652**
Horizon 201	579	**1503**	**2853**	**4935**	**5822**
LA976-59-S1	710	**1512**	2400	4622	**5087**
Plot Spike LA9339	593	1385	2592	4570	**5447**
LA99017	405	1277	**2879**	4561	**5611**
Oregro 07-LHWH	**1250**	1420	1891	4560	.
RAM LA99016	466	1346	2723	4535	**5607**
TX05CS556	837	**1612**	2021	4469	**5040**
Horizon 270	819	1303	2335	4456	**5235**
LA03063-S4	758	1398	2248	4404	.
FL99153-45-S1	527	1285	2475	4287	**5033**
TAMO 406	405	1416	2444	4265	**5239**
LA03046-7-S1	697	1311	2183	4191	.
SS76-40	144	1124	2751	4019	**5111**
Average	616	1415	2533	4563 [1]	5353
LSD at 10% Level	116	159	235	315	N.S.[2]
Std. Err. of Entry Mean	49	67	99	132	94

1. C.V. = 5.8%, and df for EMS = 45.
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 2, 2009.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 54 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Canola.

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

Plains, Georgia:
Oat Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-18-10	3-24-10	4-22-10	2010	2-Yr Avg
	---------- lb/acre ----------				
RAM LA99016	619	**2479**	4252	**7349**	**5090**
NF27	928	**2309**	3916	**7152**	.
Horizon 201	876	**2204**	4021	**7100**	**5005**
TX05CS556	1703	**2326**	3058	**7087**	**4868**
Plot Spike LA9339	998	**2161**	3777	**6935**	**4912**
LA976-59-S1	1211	1773	3899	**6883**	**4934**
LA99017	584	1669	**4618**	**6870**	**5315**
TX05CS347-1	471	**2344**	4008	**6822**	**5337**
Oregro 07-LHWH	**2078**	1934	2775	6787	.
TAMO 406	688	2061	4034	6783	**5205**
SS76-40	245	1697	**4809**	6751	**4885**
Harrison	867	1721	4125	6713	.
LA03046-7-S1	1442	1481	3690	6613	.
Horizon 270	1285	1551	3646	6482	**4710**
LA03063-S4	950	**2161**	3158	6269	.
FL99153-45-S1	963	1856	3359	6177	**4880**
Average	994	1983	3821	6798 [1]	5013
LSD at 10% Level	299	375	487	530	N.S.[2]
Std. Err. of Entry Mean	126	158	205	223	123

1. C.V. = 6.6%, and df for EMS = 45.
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 5, 2009.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st and 2nd harvests.
Management: Disked, bedded and rototilled.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Oat Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	3-31-10	4-22-10	5-26-10	2010	2-Yr Avg
	---------- lb/acre ----------				
OreGro 07-LHWH	**2260**	1199	**2651**	**6110**	.
RAM LA99016	1981	**2603**	302	4885	**5811**
LA03046-7-S1	**2379**	1625	397	4401	.
LA976-59-S1	**2123**	2008	336	4383	**5839**
Plot Spike LA9339	**2031**	1910	408	4349	**5101**
Horizon 201	**2556**	1297	408	4260	**5525**
TX05CS556	**2317**	1445	446	4207	**5303**
NF27	2016	1891	282	4189	.
TAMO 406	1622	**2234**	242	4098	**5971**
FL99153-45-S1	**2197**	1402	398	3997	**5565**
LA99017	1351	**2365**	192	3908	**5994**
LA03063-S4	**2316**	1308	203	3826	.
SS76-40	1296	**2250**	266	3812	**5861**
Harrison	1221	2001	450	3673	.
Horizon 270	1873	1334	387	3594	**5275**
TX05CS347-1	1403	1622	264	3288	**5282**
Average	1934	1781	477	4186 [1]	5593
LSD at 10% Level	539	377	304	728	N.S.[2]
Std. Err. of Entry Mean	227	159	126	306	249

1. C.V. = 14.7%, and df for EMS = 45.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

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

Planted: October 20, 2009.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.5.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after 1st and 2nd harvests.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Oat Forage Performance, 2009-2010

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	2-17-10	3-16-10	4-13-10	5-10-10	2010	2-Yr Avg
	lb/acre					
Oregro 07-LHWH	**2144**	1357	1563	**2452**	**7515**	.
Horizon 201	917	**2074**	2287	1366	6645	**5995**
NF27	449	**2311**	2280	1424	6463	.
TX05CS347-1	651	**2234**	2154	1181	6220	**6164**
TAMO 406	827	**2113**	2226	842	6008	**5454**
SS76-40	188	1728	**2676**	1412	6004	**5801**
FL99153-45-S1	835	**2068**	2099	770	5771	**5712**
RAM LA99016	698	**2025**	1936	1091	5749	**5552**
Plot Spike LA9339	759	1997	1861	1118	5734	**5507**
LA03063-S4	1093	1669	2041	890	5692	.
LA99017	283	**2031**	**2432**	939	5685	**6195**
LA976-59-S1	865	1825	1717	1223	5629	**5150**
Harrison	574	**2076**	1996	931	5576	.
LA03046-7-S1	1092	1787	1562	950	5392	.
TX05CS556	984	2013	1764	613	5374	**5033**
Horizon 270	798	1701	1655	901	5055	**4861**
Average	822	1938	2016	1131	5907 [1]	5584
LSD at 10% Level	377	293	337	298	653	N.S.[2]
Std. Err. of Entry Mean	159	124	142	125	274	189

1. C.V. = 9.3%, and df for EMS = 45.
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 11, 2009.
Seeding Rate: 22 seed/foot in 7" rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: control;
irrigated 0.75" on April 16, 2010 and April 24, 2010.
Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary:
Oat Forage Performance, 2009-2010
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg
	lb/acre											
FL99153-45-S1	4287	**5033**	.	6177	**4880**	.	3997	**5565**	.	**4820**	**5159**	.
Harrison	**5001**	.	.	6713	.	.	3673	.	.	**5129**	.	.
Horizon 201	**4935**	**5822**	**6839**	**7100**	**5005**	**5219**	4260	**5525**	**5858**	**5432**	**5451**	**5972**
Horizon 270	4456	**5235**	**6696**	6482	**4710**	**5084**	3594	**5275**	**5426**	**4844**	**5074**	**5736**
LA03046-7-S1	4191	.	.	6613	.	.	4401	.	.	**5068**	.	.
LA03063-S4	4404	.	.	6269	.	.	3826	.	.	**4833**	.	.
LA976-59-S1	4622	**5087**	.	**6883**	**4934**	.	4640	**5967**	.	**5382**	**5329**	.
LA99017	4561	**5611**	.	**6870**	**5315**	.	3908	**5994**	.	**5113**	**5640**	.
NF27	**5158**	.	.	**7152**	.	.	4189	.	.	**5499**	.	.
OreGro 07-LHWH	4560	.	.	6787	.	.	**6110**	.	.	**5819**	.	.
Plot Spike LA9339	4570	**5447**	**6483**	**6935**	**4912**	**5136**	4349	**5101**	**5571**	**5285**	**5153**	**5730**
RAM LA99016	4535	**5607**	**6547**	**7349**	**5090**	**5358**	4885	**5811**	**5755**	**5589**	**5503**	**5886**
SS76-40	4019	**5111**	**6287**	6751	**4885**	**5201**	3812	**5861**	**6098**	**4860**	**5285**	**5862**
TAMO 406	4265	**5239**	**6181**	6783	**5205**	**5363**	4098	**5971**	**5641**	**5048**	**5472**	**5729**
TX05CS347-1	**4983**	**5652**	.	**6822**	**5337**	.	3288	**5282**	.	**5031**	**5423**	.
TX05CS556	4469	**5040**	.	**7087**	**4868**	.	4207	**5303**	.	**5255**	**5070**	.
Average	4563	5353	6506	6798	5013	5227	4202	5605	5725	5188	5324	5819
LSD at 10% Level	315	N.S.[1]	N.S.	N.S.	N.S.	N.S.	728	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	132	94	179	223	123	124	306	249	189	134	98	96

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, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-03-10	3-09-10	4-02-10	2010	2-Yr Avg
	---------- lb/acre ----------				
NF95307A	1137	**2570**	2026	**5733**	**4805**
Bates RS4	1285	2344	2052	**5680**	**4694**
Early Graze	893	**2474**	**2235**	**5602**	.
Maton II	1046	2439	**2104**	**5589**	**4656**
Wrens Abruzzi	1224	**2548**	1786	**5559**	.
Wrens 96	1276	**2666**	1616	**5559**	**4596**
AGS 104	1655	2035	1747	5436	.
Wintergrazer 70	1124	2444	1838	5406	**4570**
Florida 401	**2614**	976	1756	5345	**4634**
Average	1361	2277	1907	5545 [1]	4659
LSD at 10% Level	210	197	182	198	N.S.[2]
Std. Err. of Entry Mean	87	82	75	82	61

1. C.V. = 2.9%, 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: November 2, 2009.
Seeding Rate: 36 seed/foot in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 54 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Canola.

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

Plains, Georgia:
Rye Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	2-18-10	3-24-10	4-22-10	2010	2-Yr Avg
	---------- lb/acre ----------				
NF95307A	2096	**3376**	1791	**7262**	**5923**
Bates RS4	2182	**3659**	1372	**7214**	**6030**
AGS 104	2709	2618	1791	**7118**	.
Wrens 96	2226	**3180**	1568	**6974**	**5685**
Wintergrazer 70	2492	3052	1355	**6898**	**5610**
Early Graze	1886	**3459**	1451	**6795**	.
Wrens Abruzzi	2078	**3328**	1368	**6774**	.
Maton II	2004	3010	1751	**6765**	**5861**
Florida 401	**3615**	799	**2217**	**6631**	**5506**
Average	2365	2942	1629	6937 [1]	5769
LSD at 10% Level	479	496	313	N.S.[2]	N.S.
Std. Err. of Entry Mean	198	205	130	230	137

1. C.V. = 6.6%, 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: November 5, 2009.
Seeding Rate: 36 seed/foot in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplant: 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdress: 40 lb N/acre after 1st and 2nd harvests.
Management: Disked, bedded and rototilled.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Rye Forage Performance, 2009-2010

	Dry Matter Yield			
	Harvest Date		Season Totals	
Brand-Variety	3-24-10	4-20-10	2010	2-Yr Avg
	---------- lb/acre ----------			
NF95307A	**5558**	**1822**	**7379**	**7647**
Wrens Abruzzi	**5367**	**1850**	**7216**	.
AGS 104	**5411**	**1556**	**6967**	.
Wintergrazer 70	**5054**	**1793**	**6847**	**8037**
Wrens 96	**5261**	**1515**	**6776**	**7062**
Early Graze	**5080**	**1574**	**6654**	.
Maton II	**4906**	**1595**	6501	**6461**
Bates RS4	4780	**1633**	6412	**7216**
Florida 401	3890	**893**	4782	.
Average	5034	1581	6615 [1]	7284
LSD at 10% Level	710	N.S.[2]	838	N.S.
Std. Err. of Entry Mean	294	212	245	414

1. C.V. = 10.5%, 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 20, 2009.
Seeding Rate: 36 seed/foot in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Low, K = High, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after 1st harvest.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Sorghum.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida:
Rye Forage Performance, 2009-2010

	Dry Matter Yield						
	Harvest Date					Season Totals	
Brand-Variety	2-03-10	2-11-10	3-10-10	4-01-10	4-21-10	2010	2-Yr Avg
	lb/acre						
Maton II	*	886	1669	**2239**	**335**	**5128**	**4481**
Florida 401	2101	*	407	**1988**	**408**	**4903**	**4336**
Wrens 96	*	936	**1772**	1640	**464**	**4811**	**4403**
Bates RS4	*	909	1502	1936	**427**	**4774**	**4473**
Wrens Abruzzi	*	684	**1732**	1899	**383**	**4697**	.
Early Graze	*	346	**1761**	**2151**	**395**	**4653**	.
AGS 104	*	**1279**	1361	1656	**349**	**4645**	.
Wintergrazer 70	*	484	**1867**	1937	**339**	**4627**	**4329**
NF95307A	*	564	**1678**	1896	**339**	**4477**	**4378**
Average		761	1528	1927	382	4746 [1]	4400
LSD at 10% Level		310	195	285	N.S.[2]	N.S.	N.S.
Std. Err. of Entry Mean		128	81	118	74	162	125

* No harvest this date.

1. C.V. = 6.8%, 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: November 11, 2009.
Seeding Rate: 36 seed/foot in 7" rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 51 lb N/acre after 1st, 2nd and 3rd harvests.
Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control: irrigated 0.75" on April 16, 2010 and April 24, 2010.
Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary:
Rye Forage Performance, 2009-2010
with Two- and Three-Year Averages

	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
Brand-Variety	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg	2010	2-Yr Avg	3-Yr Avg
	lb/acre											
AGS 104	5436	.	.	**7118**	.	.	**6967**	.	.	**6507**	.	.
Bates RS4	**5680**	**4694**	**6470**	**7214**	**6030**	**6372**	6412	**7216**	**7173**	**6435**	**5980**	**6672**
Early Graze	**5602**	.	.	**6795**	.	.	**6654**	.	.	**6350**	.	.
Florida 401	5345	**4634**	.	**6631**	**5506**	.	4782	.	.	**5586**	.	.
Maton II	**5589**	**4656**	**6433**	**6765**	**5861**	**6017**	6501	**6461**	**6469**	**6285**	**5660**	**6307**
NF95307A	**5733**	**4805**	**6472**	**7262**	**5923**	**6178**	**7379**	**7647**	**7211**	**6791**	**6125**	**6620**
Wintergrazer 70	5406	**4570**	**6076**	**6898**	**5610**	**6047**	**6847**	**8037**	**7398**	**6384**	**6072**	**6507**
Wrens 96	**5559**	**4596**	**5969**	**6974**	**5685**	**6203**	**6776**	**7062**	**6817**	**6436**	**5781**	**6330**
Wrens Abruzzi	**5559**	.	.	**6774**	.	.	**7216**	.	.	**6516**	.	.
Average	5545	4659	6284	6937	5769	6164	6615	7284	7014	6366	5924	6487
LSD at 10% Level	198	N.S.[1]	N.S.	N.S.	N.S.	N.S.	838	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	82	61	134	230	137	138	245	414	283	141	147	114

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, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	3-09-10	4-02-10	4-29-10	2010	2-Yr Avg
	---------- lb/acre ----------				
M/FLX2009(4X)ER	**2335**	2339	3036	**7710**	.
Nelson	1721	2405	**3480**	**7606**	**6864**
Diamond T	1795	2427	3237	**7458**	**6890**
FLX2009Red4xlate	1765	2288	3355	**7408**	.
Marshall	1424	2496	3359	**7279**	**6719**
Oregro DH-3	1446	**2762**	3036	**7245**	**6631**
Maximus	1529	2244	**3454**	**7227**	**6786**
Chipola(2X)	**2239**	2300	2670	**7209**	**6503**
Prine	1775	2344	2993	**7111**	**6676**
Bulldog Grazer	1982	2370	2670	7022	.
Passerel Plus	1533	2453	2999	6985	**6356**
Oregro 07-RWB	1211	**2548**	3176	6935	.
Jumbo	1420	2152	3280	6852	**6781**
ME94	1133	2340	3337	6809	**6313**
Rio	1603	**2518**	2670	6792	**6597**
Chuckwagon	1346	2283	3141	6770	.
TAM 90	1289	**2540**	2932	6760	**6342**
ME4	980	2353	**3385**	6717	**6726**
Jackson	950	2492	3267	6708	**6464**
FLX2009(PE-2x)LRCT	658	2187	**3842**	6686	.
Gulf	1581	2322	2692	6595	.
TAMTBO	1425	2204	2949	6578	**6633**
Flying A	1316	2477	2748	6541	**6539**
TXR2008-T3	1324	2030	3128	6482	.
Winterhawk	1102	2130	3180	6412	.
FLXSH2009(2x)ME	1699	2182	2383	6264	.
GO-SAEN	1250	1943	2818	6011	.
PPERC2	693	1921	3363	5977	.
Average	1447	2323	3092	6862 [1]	6614
LSD at 10% Level	321	250	476	627	N.S.[2]
Std. Err. of Entry Mean	137	106	202	266	185

1. C.V. = 7.8%, 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 2, 2009.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.2.
Fertilization: Preplant: 50 lb N, 50 lb P_2O_5, and 50 lb K_2O/acre.
Topdress: 54 lb N/acre after 1st and 2nd harvests.
Management: Disked, chisel plowed and rototilled.
Previous Crop: Canola.
Test conducted by A. E. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Ryegrass Forage Performance, 2009-2010

	Dry Matter Yield			
	Harvest Date		Season Totals	
Brand-Variety	3-24-10	4-22-10	2010	2-Yr Avg
	---------- lb/acre ----------			
Marshall	3062	**4565**	**7627**	**7407**
M/FLX2009(4X)ER	**4003**	3215	**7218**	.
Diamond T	2897	**4251**	**7148**	6773
FLX2009Red4xlate	2522	**4609**	**7131**	.
ME94	2588	**4452**	**7039**	**7048**
FLXSH2009(2x)ME	**3714**	3271	6986	.
Oregro DH-3	2596	**4374**	6970	6836
Prine	2805	4051	6856	6563
Rio	3171	3668	6839	6776
TAMTBO	2431	**4386**	6817	6809
Winterhawk	2762	4038	6800	.
Gulf	**3481**	3319	6800	.
Maximus	3219	3577	6796	6649
Oregro 07-RWB	2309	**4469**	6778	.
Jumbo	2413	**4321**	6734	6646
Nelson	2526	**4204**	6730	6702
Chipola(2X)	**3472**	3241	6713	6481
Chuckwagon	2492	**4199**	6691	.
ME4	2065	**4626**	6691	6618
Bulldog Grazer	**3611**	3080	6691	.
Passerel Plus	2513	**4138**	6652	6583
Flying A	2570	3894	6465	6486
TXR2008-T3	2296	**4134**	6430	.
TAM 90	2405	3947	6351	6367
FLX2009(PE-2x)LRCT	1799	**4347**	6146	.
PPERC2	1926	4060	5985	.
Jackson	1869	**4112**	5981	6298
GO-SAEN	1965	3603	5567	.
Average	2696	4005	6701 [1]	6690
LSD at 10% Level	619	541	602	379
Std. Err. of Entry Mean	263	230	256	161

1. C.V. = 7.6%, 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: November 5, 2009.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = Medium, and pH = 6.1.
Fertilization: Preplan 20 lb N, 88 lb P_2O_5, and 24 lb K_2O/acre.
Topdres 40 lb N/acre after 1st harvest.
Management: Disked, bedded and rototilled.
Previous Crop: Peanuts.

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

Griffin, Georgia:
Ryegrass Forage Performance, 2009-2010

	Dry Matter Yield				
	Harvest Date			Season Totals	
Brand-Variety	3-31-10	4-22-10	5-26-10	2010	2-Yr Avg
	---------- lb/acre ----------				
Diamond T	**5134**	2513	**6614**	**14261**	**11497**
Nelson	4322	**3282**	**6142**	**13745**	**11333**
ME94	4201	**3346**	**5891**	**13437**	**11683**
Oregro 07-RWB	3759	**3336**	**6066**	**13160**	.
TAM 90	**4659**	2853	5366	**12878**	**10506**
FLX2009(PE-2x)LRCT	3984	2878	**5899**	**12761**	.
Rio	**5194**	2297	5260	**12751**	**10965**
TXR2008-T3	3237	**3210**	**6224**	**12670**	.
Marshall	3768	**3212**	5679	12658	**11058**
Flying A	4219	2868	5271	12358	**10918**
Prine	3530	2994	5718	12243	**10592**
ME4	3158	**3455**	5621	12234	**10817**
Jumbo	3192	**3074**	5757	12022	**10782**
Winterhawk	3108	2968	**5869**	11944	.
Oregro DH-3	3968	3046	4908	11923	**10666**
Passerel Plus	3156	**3118**	5548	11822	**10050**
Bulldog Grazer	**4883**	1929	4934	11746	.
M/FLX2009(4X)ER	**4937**	1946	4763	11646	.
FLXSH2009(2x)ME	**5502**	1784	4301	11586	.
TAMTBO	3957	2469	5110	11535	**10350**
Jackson	2986	2979	5537	11502	**10208**
Chuckwagon	2683	**3515**	5212	11410	.
PPERC2	2335	**3336**	5689	11359	.
Chipola(2X)	4332	1681	5020	11033	**9775**
FLX2009Red4xlate	3087	2369	5439	10896	.
GO-SAEN	2244	2932	5656	10831	.
Maximus	2806	2505	5342	10652	**9646**
Gulf	4099	1910	4176	10184	.
Average	3801	2779	5465	12044 [1]	10678
LSD at 10% Level	1149	446	764	1601	N.S.[2]
Std. Err. of Entry Mean	488	190	324	682	347

1. C.V. = 11.3%, 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: October 20, 2009.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.5.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre.
Topdress: 50 lb N/acre after 1st and 2nd harvests.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Soybeans.
Test conducted by J. Gassett and G. Ware.

Calhoun, Georgia:
Ryegrass Forage Performance, 2009-2010

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	3-25-10	4-15-10	5-14-10	6-14-10	2010	2-Yr Avg
	lb/acre					
GO-SAEN	1287	**3801**	**3484**	**3137**	**11709**	.
Oregro 07-RWB	**1707**	**4096**	**3772**	1858	**11432**	.
ME94	1393	**3737**	**3759**	1767	**10655**	**12916**
ME4	1341	3318	**3697**	2254	**10610**	**12960**
Bulldog Grazer	**2219**	3213	3290	1851	**10573**	.
TAMTBO	**1933**	3227	3300	1985	10443	**12902**
Jackson	**1795**	3259	3114	2109	10277	**13205**
Winterhawk	**1795**	3389	3120	1941	10245	.
Passerel Plus	**2003**	**3769**	3259	1208	10239	**12639**
PPERC2	1129	3346	3286	2419	10180	.
Marshall	1453	3100	**3511**	1964	10027	**13385**
Nelson	**2029**	2865	3109	1952	9954	12087
Prine	**1928**	3165	3052	1793	9938	11933
Rio	**1622**	3296	3337	1636	9891	12225
Chuckwagon	1298	**3539**	3373	1615	9823	.
Flying A	**1861**	3313	**3476**	1086	9735	**12428**
FLX2009(PE-2x)LRCT	933	3308	**3648**	1786	9674	.
Diamond T	**1694**	3017	3115	1847	9671	**12643**
Maximus	1530	3180	**3486**	1365	9561	11947
Jumbo	**1591**	2800	3314	1855	9559	11604
FLX2009Red4xlate	1549	3062	3315	1549	9474	.
Oregro DH-3	1557	**3491**	3374	1047	9468	**12431**
TAM 90	1548	3092	**3503**	1193	9336	11868
TXR2008-T3	1203	3021	3174	1631	9028	.
M/FLX2009(4X)ER	**2062**	2213	3361	1366	9002	.
Chipola(2X)	**2091**	2175	2873	946	8085	10295
FLXSH2009(2x)ME	**2037**	2501	2715	796	8048	.
Gulf	**1932**	2017	2989	936	7875	.
Average	1661	3154	3314	1675	9804 [1]	12342
LSD at 10% Level	628	655	383	504	1210	957
Std. Err. of Entry Mean	264	278	163	214	514	407

1. C.V. = 10.5%, 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 22, 2009.
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 P_2O_5, and 75 lb K_2O/acre.
Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Chisel plowed, disked and rototilled.
Previous Crop: Sunflowers.

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

Marianna, Florida:
Ryegrass Forage Performance, 2009-2010

	Dry Matter Yield					
	Harvest Date				Season Totals	
Brand-Variety	2-24-10	3-22-10	4-15-10	5-12-10	2010	2-Yr Avg
	lb/acre					
TAMTBO	**1084**	2471	1232	**4248**	**9034**	**8105**
FLX2009Red4xlate	507	2343	**1447**	**4122**	**8419**	.
M/FLX2009(4X)ER	**980**	2306	1361	3307	7954	.
FLX2009(PE-2x)LRCT	269	1975	**1513**	**4127**	7883	.
Prine	547	2127	1298	**3895**	7866	7553
Nelson	361	1984	**1616**	3771	7731	7208
Chuckwagon	293	2087	1416	3804	7599	.
Jumbo	543	1993	1286	3769	7591	7376
PPERC2	362	1847	**1707**	3581	7497	.
TXR2008-T3	476	1973	1316	3724	7489	.
Maximus	354	2208	1353	3542	7456	7115
Flying A	599	2301	1122	3424	7445	6986
Diamond T	532	1846	1236	3760	7373	7208
Bulldog Grazer	564	2338	1000	3447	7349	.
Oregro 07-RWB	141	2163	1291	3683	7277	.
Oregro DH-3	300	2214	1264	3452	7230	6903
Chipola(2X)	487	2481	1170	3090	7228	6757
ME94	187	1953	1380	3636	7156	6986
Rio	376	2300	1075	3349	7099	6698
ME4	239	1777	1406	3598	7020	6927
Passerel Plus	144	2067	1153	3554	6917	6526
Marshall	199	1998	1175	3471	6843	6638
Winterhawk	154	1900	1098	3587	6738	.
Jackson	162	1983	996	3569	6710	6589
FLXSH2009(2x)ME	**840**	2337	922	2597	6696	.
Gulf	384	**2857**	927	2450	6617	.
TAM 90	109	2050	1163	3116	6438	6159
GO-SAEN	259	1669	1107	3355	6389	.
Average	409	2127	1251	3537	7323 [1]	6983
LSD at 10% Level	272	321	274	420	887	462
Std. Err. of Entry Mean	116	136	116	178	377	196

1. C.V. = 10.3%, 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: November 11, 2009.
Seeding Rate: 50 lb/acre in 7" rows.
Soil Type: Chipola loamy sand.
Soil Test: P = Medium, K = High, and pH = 6.4.
Fertilization: Preplant: 30 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Topdress: 41 lb N/acre after 1st, 2nd, and 3rd harvests.
Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control; irrigated 0.75" on April 16, 2010 and April 24, 2010.
Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary: Ryegrass Forage Performance, 2009-2010 with Two- and Three-Year Averages

	Dry Forage Yield										
	Tifton		Plains		Griffin		Calhoun		Statewide		
		3-Year		3-Year		3-Year		3-Year		2-Year	3-Year
Brand-Variety	2010	Avg	2010	Avg	2010	Avg	2010	Avg	2010	Avg	Avg
	lb/acre										
07-RWB	6935	.	6778	.	**13160**	.	**11432**	.	**9576**	.	.
Bulldog Grazer	7022	.	6691	.	11746	.	**10573**	.	**9008**	.	.
Chipola(2X)	**7209**	**7300**	6713	6131	11033	10041	8085	.	8260	8263	.
Chuckwagon	6770	.	6691	.	11410	.	9823	.	8673	.	.
Diamond T	**7458**	**7306**	**7148**	6465	**14261**	**11653**	9671	13134	**9634**	**9451**	9639
FLX2009(PE-2x)LRCT	6686	.	6146	.	**12761**	.	9674	.	8817	.	.
FLX2009Red4xlate	**7408**	.	**7131**	.	10896	.	9474	.	8727	.	.
FLXSH2009(2x)ME	6264	.	6986	.	11586	.	8048	.	8221	.	.
Flying A	6541	**7109**	6465	6187	12358	11164	9735	12864	8775	9093	9331
GO-SAEN	6011	.	5567	.	10831	.	**11709**	.	8529	.	.
Gulf	6595	.	6800	.	10184	.	7875	.	7863	.	.
Jackson	6708	**6634**	5981	6046	11502	11011	10277	**13478**	8617	9044	9292
Jumbo	6852	**7314**	6734	6322	12022	10772	9559	11206	8792	8953	8904
M/FLX2009(4X)ER	**7710**	.	**7218**	.	11646	.	9002	.	**8894**	.	.
ME4	6717	**6945**	6691	6317	12234	**11784**	**10610**	13176	**9063**	9280	9555
ME94	6809	**6988**	**7039**	6569	**13437**	**11851**	**10655**	**13402**	**9485**	**9490**	9702
Marshall	**7279**	**7217**	**7627**	**6907**	12658	**12091**	10027	**14265**	**9398**	**9642**	**10120**
Maximus	**7227**	**7126**	6796	6249	10652	10067	9561	12674	8559	8757	9029
Nelson	**7606**	.	6730	.	**13745**	.	9954	.	**9509**	9246	.
Oregro DH-3	**7245**	**6734**	6970	6481	11923	11029	9468	12180	**8901**	9141	9106
PPERC2	5977	.	5985	.	11359	.	10180	.	8375	.	.
Passerel Plus	6985	**6912**	6652	6241	11822	10581	10239	**13512**	8924	8907	9311
Prine	**7111**	**7204**	6856	6290	12243	10796	9938	11909	**9037**	8941	9050
Rio	6792	**7527**	6839	6423	**12751**	11366	9891	11938	**9068**	9141	9314
TAM 90	6760	**6885**	6351	5954	**12878**	10707	9336	12168	**8832**	8771	8929
TAMTBO	6578	**7010**	6817	6413	11535	10906	10443	12664	**8843**	9173	9248
TXR2008-T3	6482	.	6430	.	**12670**	.	9028	.	8652	.	.
Winterhawk	6412	.	6800	.	11944	.	10245	.	**8850**	.	.
Average	6862	7081	6701	6333	12044	11054	9804	12755	8853	9081	9324
LSD at 10% Level	627	N.S.[1]	602	311	1601	712	1210	920	795	343	330
Std. Err. of Entry Mean	266	238	256	133	682	304	514	393	233	147	141

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 Coop, 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

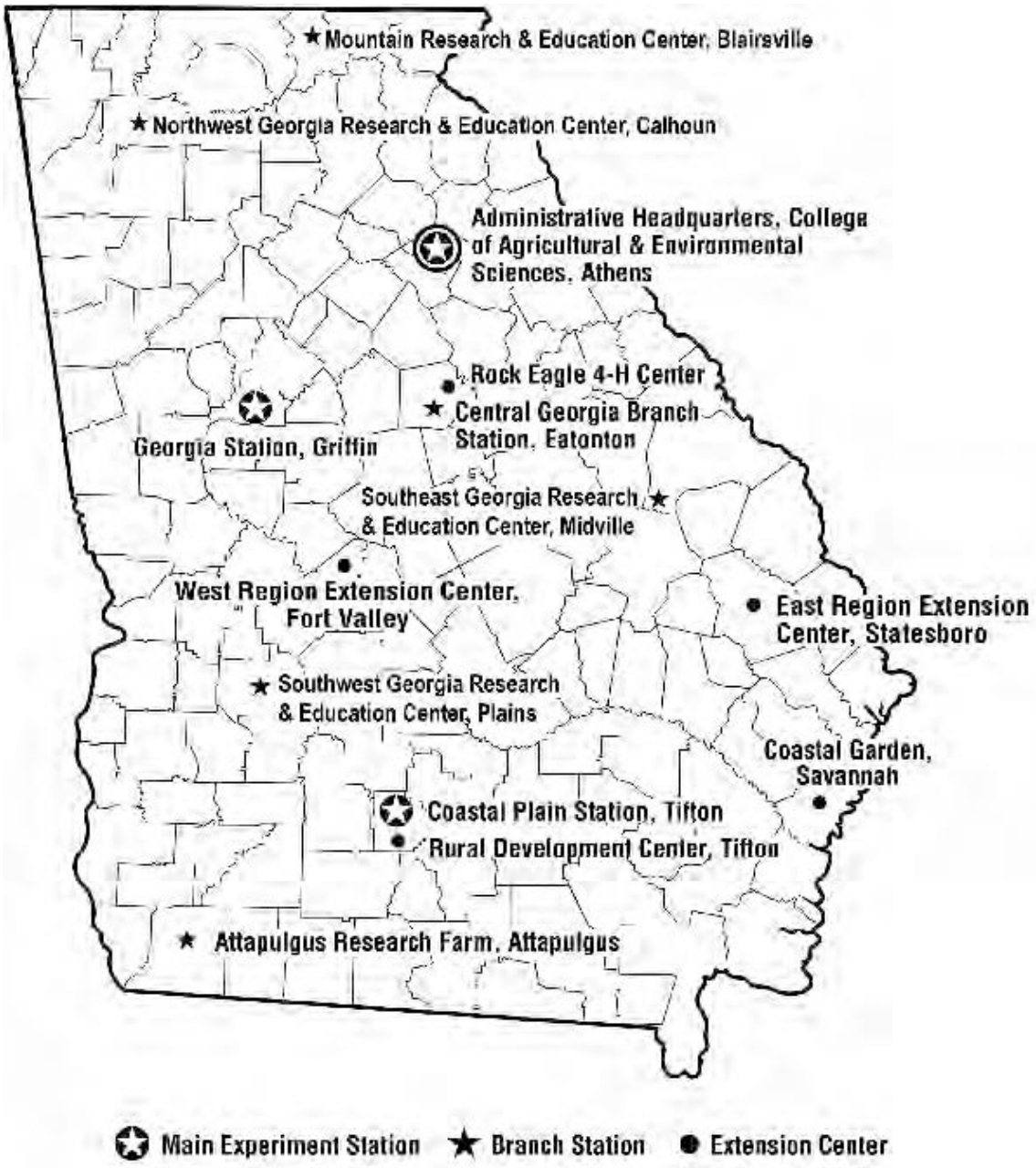
- **Trical and RSI** - Resource Seeds, Inc., 2355 Rice Pike, Union, KY 41091.
- **Monarch** - University of Florida, NFREC, 155 Research Road, Quincy, FL 32351.
- **NCPT01-1433** - North Carolina State University, 840 Method Road, Unit 3, Raleigh, NC 27695-7629.

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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