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RELEASE OF LA98214 WHEAT
Louisiana State University Agricultural Experiment Station
LSU Agricultural Center
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INTRODUCTION

LA98214 is a medium-early soft red winter wheat developed by the LSU AgCenter. It has very good yield, good test weight, and excellent leaf, stem, and stripe rust resistance. Approximately 600 bushels of LA98214 were produced by Georgia Foundation Seed in 2008 and have been processed and bagged.

Breeding History

LA98214D-14-1-2-B (hereafter LA98214) is derived from the 214th cross made 1998. The pedigree is: Shelby/LA87167D8-10-2.

Shelby was developed BY AgriPro-Coker Wheat and was tested as ABI92D-4413 and is PVP 9700264. It was released in 1997.

The pedigree of Shelby is:

FL302/7/C81-132(Morocco/MN7125/4/Era/Tobari//Lovrin11/3/Oligoculm)/5/Southern Belle/4/Riley/Stoddard//Top/3/Arthur/6/Coker 983

LA87167D8-10-2 was the 167th cross made by the LSUAC program in 1987. It has the pedigree: GA8787:FR81-19/FL302//C983

LA87167D8-10-2 was tested in the 1996-97 USDA Uniform Southern Soft Red Winter Wheat Nursery where it ranked 20 of 33 entries for mean yield across 25 locations, but also ranked in the top five at seven locations in the target region. LA87167 had excellent leaf rust, stem rust, and powdery mildew resistance.

Selection and Testing History:

Years indicate spring harvest year from planting the previous fall.

1998: LA98214 was the 214th cross made in the field during April.

1999: LA98214B was grown as an F2 grown in the field and checked to make sure it was a cross.

2000: LA98214C was grown as a bulk F2 plot in the field at Ben Hur. Selection was practiced for plant type, maturity, and disease resistance for all bulk generations.

2001: LA98214D was grown as an F3bulk plot in the field. Selected heads were individually threshed.

2002: LA98214D-14 was grown as F3:4 headrow number 12,514 in the field. It was derived from the 14th head threshed during the summer. Selection was carried out for plant type, maturity and disease reaction. Selection was carried out for plant type, maturity and disease reaction. Four individual heads were harvested from selected rows and individually threshed.

2003: LA98214D -14-1 was grown as F4:5 wheat headrow 25,527 in the field in Baton Rouge. Selection was carried out for plant type, maturity and disease reaction. Four individual heads were harvested from selected rows and individually threshed.

2004: LA98214D-14-1-2 was an F5:6 headrow. It was grown in Wheat Headrow Number 2,324. This headrow was selected as having excellent potential and good uniformity. It was harvested as a row to provide F5:7 seed for yield testing.

PERFORMANCE OF LA8214

2005 Observation Plots:

LA98214 was tested in Wheat Prelim-D (non-replicated observation plots) at Baton Rouge in 2005.

LA98214 had the fifth highest yield of 166 plots selected for harvest that year, along with good test weight, agronomic characteristics, and disease resistance. Based on this performance it was entered in Wheat Prelim-A and the **SunPre** nurseries for 2006.

2006 SunPre and Prelim-A:

The SUNPRE is a non-replicated, running-means, yield trials that was grown in AR, LA, FL, GA, and NC during 2006 (Table 1). LA98214 performed very well in the SUNPRE nursery across five states during 2006. It ranked 14th of 183 entries and had a yield greater than the checks (LA841, Pioneer 26R61, Panola, and McIntosh). It had an above-average test weight (58.2 lbs/bu) compared to 57.1 lbs/bu for Terral LA841. It headed one day earlier than LA841 and was three inches taller than LA841. LA98214 had good powdery mildew resistance, good leaf rust resistance, and good stripe rust resistance. It was moderately susceptible to Hessian Fly. Complete data (individual locations) for this trial can be obtained via email from Steve Harrison.

LA98214 had the third-highest yield of 36 entries across two locations in Prelim-A (Table 2). It out-yielded all four check varieties with an average yield of 83.1 bu/acre. It had an average test weight, 1.0 lbs/bu greater than LA841. It headed two days earlier than LA841, was one inch taller than LA841, and had a similar lodging score. LA98214 had 0% stripe rust and 0% leaf rust, compared to 11% stripe rust for AGS 2000 and 15% leaf rust for LA99042. Individual locations can be viewed at:

http://www.lsuagcenter.com/en/crops_livestock/crops/WheatOats/Variety+Trials++Recommendations/2006+Small+Grain+Performance+Trials.htm

2007 USDA Uniform Southern Soft Red Winter Wheat:

LA98214 was evaluated in the USSRWWN across 19 locations in the eastern US (mostly southern US) the region in 2006. The complete report for this nursery can be found at:

<http://www.agronomy.lsu.edu/sungrains/Sungrains%20PubData.html>

LA98214 ranked 35th of 39 entries for yield across all locations. However, it performed well in a number of locations and ranked 4th at Plains, GA; 8th at Evansville, IN; 10th at Baton Rouge; 15th at Winnsboro, LA; and 6th at Newton, MS. It had a mean test weight of 58.9 lbs/bu (ranked 11th), equal to AGS2000 and 0.6 lbs/bu greater than the test mean. Across all locations, LA98214 had a heading date of 108.3, equal to AGS2000 and four days earlier than the test mean. It had an average height of 32.6", 0.9" greater than the test mean

and 0.6" less than AGS2000. LA98214 had good lodging scores and excellent leaf rust resistance in field and greenhouse evaluations. LA98214 was resistant to stem rust in greenhouse screenings. It showed good resistance to stripe rust at Griffin, GA, and moderate resistance in trials at Washington.

2007 Louisiana State Trials:

LA98214 performed very well in statewide trials across Louisiana for 2007. Complete data at all six locations can be found at:

http://www.lsuagcenter.com/en/crops_livestock/crops/WheatOats/Variety+Trials++Recommendations/

LA98214 was the sixth-highest yield of 49 entries across six locations (Table 3) with an average of 80.6 bu/acre. This was 2.7 bu/acre less than the test high and higher than 26 of 27 commercial varieties tested. It had a test weight of 58.1 lbs/bu, 0.7 lbs/bu greater than the test mean and 0.9 lbs/bu greater than LA841. LA98214 had a mean heading date of 85, 3 days earlier than LA841 and 4 days earlier than the test mean. It showed excellent resistance to leaf rust, stem rust, and bacterial streak.

It ranked 9th of 52 entries for yield in north Louisiana; 1.6 bu/acre less than the test high and 6.3 bu/acre greater than the test mean (Table 4). In south Louisiana it ranked 10th of 49 entries for yield, 8.1 bu/acre less than the high and 8.5 bu/acre greater than the test mean (Table 5).

2008 USDA Uniform Southern Soft Red Winter Wheat:

Performance in the 2008 USSRWWN is shown in (Table 6). This is an unofficial running means table found on the Sungrains website at: <http://www.agronomy.lsu.edu/sungrains/Sungrains%20PubData.html>. The official report will not be published until late fall. The current table is based on 22 locations reporting yield overall, and 10 locations within the target region. Complete data for individual locations can be obtained from Steve Harrison.

LA98214 has the 13th highest yield within the 10 'in-region' locations, with a mean of 71.3 bu/acre. This compares to the checks with 75.8 bu/acre for AGS2000; 73.0 bu/acre for Pioneer 26R61; and 72.1 bu/acre for Coker 9553. The test mean of 42 entries was 66.4 bu/acre. LA98214 performed well at Stuttgart, AR (83/70 (yield/test mean)); Plains, GA (105/98); and Cleveland, MS (84/72). It had a mean test weight of 57.5 lbs/bu, equal to the test mean and the same as AGS2000. It headed one day earlier and was 1" taller than AGS2000. LA98214 showed excellent resistance to leaf rust, stripe rust, and good resistance to powdery mildew.

LA98214 was susceptible to Hessian Fly in greenhouse seedling test but showed good resistance in the field, which is fairly common.

2008 Louisiana State Trials:

LA98214 had the 17th-highest yield of 55 entries across seven Louisiana locations in 2008 (Table 7). It had a mean yield of 67.2 bu/acre. Compared to a test mean of 60.0 bu/acre and a high of 76.6 bu/acre. The mean test weight of LA98214 was 57.0 lbs/bu, 0.4 lbs/bu greater than the test mean, and 0.4 lbs/bu greater than LA841. LA98214 headed two days earlier than LA841, had excellent lodging resistance, and had 0% leaf rust, compared to a test high of 68% and a mean of 15%. LA98214 ranked 6th in yield in south Louisiana (Table 8) and 28th in north Louisiana (Table 9). LA98214 had the third-highest yield of 22 entries across Louisiana for two years (Table 9b).

Arkansas State Trials, 2008:

LA98214 ranked 38th of 92 entries across eight Arkansas environments in 2008, with a mean yield of 78.7 bu/acre (Table 10). The test mean was 76.5 bu/acre and the test high was 84.5 bu/acre. LA98214 had the highest yield at Stuttgart (90.8 bu/acre). LA98214 had a mean yield across Delta and south Arkansas locations of 85.6 bu/acre, compared to a test high of 90.4 bu/acre and a mean of 81.4 bu/acre.

Complete Arkansas data can be accessed at:

<http://comp.uark.edu/~avrtest/reports/561.pdf>

Mississippi State Trials, 2008:

LA98214 ranked 24th of 66 entries across Mississippi in 2008, with a yield of 68.9 bu/acre. LA98214 ranked 9th at Stoneville, with a yield of 86.4 bu/acre. Complete Mississippi data can be accessed at:

<http://msucares.com/pubs/infobulletins/ib0443.pdf>

LA98214 had a two-year mean across Mississippi of 71.6 bu/acre and performed well in the Delta, where it had a mean of 69.7 bu/acre compared to a test mean of 68.4 and a test high of 72.9 bu/acre (Table 12).

Georgia State Trials, 2008:

LA98214 has been tested across Georgia for two years (Table 13). LA98214 had a mean yield across Georgia of 80.0 bu/acre in 2008, 0.8 bu/acre less than the test mean. It yielded 81.7 bu/acre in south Georgia, 5.7 bu/acre greater than the test mean and 4th of 26 entries. Complete performance data can be accessed at:

<http://www.caes.uga.edu/commodities/swvt/2008/sm08/RR715-contents.pdf>

Table 1. 2006 SUNPRE REPORT.

PLOT	ENTNO	ENTRY	YIELD (bu/a)	Yield rank	Test wt (lbs/bu)	Test Wt rank	Head Day (0-9)	Plant ht (in)	Lodging (0-9)	Phenotype (0-9)	Powd Mild (0-9)	Leat rust (0-9)	Stripe Rust (0-9)	Hessian Fly (0-9)	Milling Quality	Baking Quality
35	95	GA991209-1-13-9-1	90.6	1	59.7	30	95	40.0	1.0	3.3	2.0	3.0	4.2	2.0		
144	77	GA991336-47-5W-1W	90.1	2	59.9	20	98	37.0	0.9	4.0	0.5	0.5	0.3	7.0		
45	63	LA99005UC-31-3-C	89.7	3	57.4	136	94	36.5	0.8	3.5	1.0	0.5	4.2	3.0		
43	90	GA001532-14-4	88.7	4	59.0	48	97	38.5	2.0	4.3	4.0	1.3	4.8	2.0		
129	18	NC04-22906	88.0	5	58.7	65	100	34.0	2.5	3.8	3.0	0.5	0.2	4.0		
49	103	GA98244-1-14-5-4	87.1	6	58.0	96	93	35.0	2.0	4.5	1.0	0.7	0.7	3.0		
27	109	GA00438-45-4	85.9	7	58.5	78	94	37.5	2.7	4.0	1.5	0.5	1.5	4.0		
105	87	GA011636-2	85.4	8	57.8	118	96	39.0	3.0	4.0	0.5	1.8	0.8	2.0		
107	79	GA991371-14-5-4	84.2	9	57.5	135	97	38.0	0.7	2.8	0.5	0.5	0.5	5.0		
78	76	GA991109-4-1-4	83.9	10	58.9	59	96	38.5	1.0	3.5	2.5	3.0	4.7	5.0		
128	96	GA991227-1-22-9-1	83.2	11	57.9	103	98	34.0	1.1	3.8	2.0	2.0	0.7	6.0		
33	21	NC04-21927	83.2	12	60.6	7	102	39.0	1.2	5.5	2.0	1.4	3.7	4.0		
125	98	GA991257-1-10-3-2	83.1	13	57.2	147	98	37.0	1.0	2.8	1.0	1.3	1.7	3.0		
73	59	LA98214D-14-1-2-B	82.9	14	58.2	87	96	39.0	2.2	3.5	1.0	0.7	1.0	5.0		
14	120	AR98003-7-1	82.6	15	58.7	66	97	44.5	2.5	2.8	1.5	1.0	1.0	3.0		
28	100	GA00222-1-9-8-5	82.6	16	59.6	33	97	38.0	3.2	3.8	0.0	1.0	5.3	3.0		
101	94	GA991209-1-5-1-2	82.5	17	58.2	89	100	36.0	2.2	3.5	0.5	0.5	4.0	3.0		
52	104	GA981131-7-5-7-7-3	82.3	18	56.9	152	96	38.5	1.7	2.5	3.0	1.0	0.2	3.0		
25	102	GA00227-1-8-3-2	82.1	19	59.7	28	92	38.0	2.5	3.5	0.0	1.8	4.2	6.0		
120	88	GA001435-5	82.0	20	58.9	54	98	38.0	1.8	3.5	0.5	1.7	4.0	4.0		
17	89	GA001532-14-1	81.9	21	58.5	75	94	39.0	3.2	4.8	1.0	1.7	5.5	3.0		
133	93	GA99490-1-10-2-1	81.5	22	60.0	17	98	36.0	0.8	3.8	2.0	0.5	0.2	4.0		
132	86	GA011341-1	81.5	23	59.2	41	97	37.0	1.2	4.3	0.5	1.0	4.3	3.0		
115	7	TERRAL LA841	81.3	24	57.1	148	97	36.0	1.3	3.8	3.5	1.7	0.0	4.0		
32	2	PIONEER 26R61	80.9	25	60.6	4	98	42.0	1.0	3.5	2.5	1.8	2.3	3.0		
179	5	AGS 2000	80.8	26	58.8	62	97	37.5	2.3	4.0	1.0	1.7	5.2	4.0		
86	99	GA991257-1-10-7-1	80.7	27	58.6	71	100	37.0	3.7	3.5	0.0	0.8	1.0	2.0		
59	2	PIONEER 26R61	80.6	28	60.6	6	98	40.5	0.8	3.5	4.0	2.3	3.0	5.0		
82	51	LA98133D-160-3-C	80.5	29	58.8	61	95	38.5	1.0	3.8	2.5	2.0	1.8	3.0		
76	106	GA951298-1-2-4-2-27-	80.2	30	56.5	159	97	37.5	0.5	4.3	0.0	2.0	6.3	4.0		
171	68	LA99119UC-93-2-C	80.1	31	58.0	98	94	39.0	1.0	5.0	2.0	2.7	0.5	4.0		
48	10	NC04-22944	79.9	32	60.3	9	100	34.5	2.7	4.3	2.5	0.5	5.3	3.0		
88	81	GA99397-12-4-2	79.6	33	57.5	133	95	35.0	0.8	4.3	0.5	1.0	5.8	3.0		
92	2	PIONEER 26R61	79.4	34	60.2	14	98	39.0	0.3	3.3	2.0	1.3	1.7	3.0		
167	61	LA99005E-116-B	79.0	35	57.9	112	97	37.0	1.0	3.8	0.0	2.3	0.3	4.0		
98	91	GA00223-G1-13-1	78.9	36	59.5	35	95	34.5	3.0	4.0	0.5	1.5	4.8	3.0		
85	107	GA98401-29-2-5-1	78.9	37	60.2	12	98	36.5	0.7	3.3	1.0	1.0	0.2	4.0		
91	1	PANOLA	78.8	38	58.1	94	99	37.0	1.5	4.0	2.5	3.8	0.2	6.0		
34	162	W98019H1	78.6	39	57.6	128	97	40.5	1.5	3.8	1.5	0.8	2.7	4.0		
18	1	PANOLA	78.5	40	57.5	130	98	40.0	2.0	3.5	1.5	2.8	0.2	4.0		
69	110	AR98093-3-1	78.2	41	58.6	68	98	37.0	2.5	3.5	0.0	1.7	3.7	4.0		
168	4	MCINTOSH	78.1	42	59.8	26	99	40.0	4.1	4.5	1.5	1.0	0.5	4.0		
175	92	GA99470-1-30-4-4	78.0	43	60.7	3	98	40.0	1.3	5.3	1.0	3.0	1.3	2.0		
123	113	AR98106-4-1	77.9	44	58.1	95	96	38.0	1.5	4.3	2.5	3.7	1.5	3.0		
166	16	NC04-22312	77.6	45	59.7	27	102	38.0	2.7	4.5	0.0	1.8	0.2	3.0		
117	47	LA98049BUB-4-3-1-C	77.3	46	59.8	24	92	36.0	1.3	3.5	1.0	0.7	1.5	5.0		
60	108	GA02200-DH1	77.3	47	58.5	76	97	35.0	2.3	3.5	2.0	1.0	0.2	2.0		
37	118	AR98097-5-1	77.2	48	56.7	156	100	41.5	1.3	4.0	2.5	1.7	5.0	7.0		
84	52	LA98149BUB-3-4-B	77.1	49	59.8	22	101	37.5	0.5	3.0	2.0	1.5	1.0	5.0		
47	64	LA99042E-117-B	77.1	50	59.4	38	98	41.0	1.2	3.5	4.5	2.9	0.3	4.0		
122	2	PIONEER 26R61	77.1	51	60.6	5	99	39.5	0.7	3.3	2.0	2.7	1.3	4.0		
93	50	LA98113D-41-2-C	77.1	52	59.5	36	98	38.5	2.5	3.8	3.0	0.3	0.7	3.0		
70	71	GA99173-3-4-11	77.0	53	57.9	110	100	38.0	2.0	4.0	1.0	1.3	4.5	3.0		
104	149	W98007V1	76.9	54	57.9	108	100	37.0	3.2	4.0	0.5	0.5	3.3	3.0		
10	78	GA991371-14-4-3	76.7	55	59.0	49	97	39.5	2.7	2.8	2.0	0.3	0.3	4.0		
161	156	W98008P1	76.5	56	55.0	177	91	38.0	1.0	4.8	0.0	3.0	5.3	3.0		
83	163	W98020N1	75.9	57	58.8	64	101	35.0	3.0	5.5	0.5	2.5	5.0	3.0		

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118	41	LA98008BUB-10-3-1-C	75.9	58	58.0	101	95	37.0	0.7	3.5	2.5	2.0	1.3	3.0		
71	105	GA951298-1-2-4-2-27-	75.7	59	56.9	153	97	34.0	1.0	4.8	2.0	2.5	6.0	4.0		
61	1	PANOLA	75.7	60	58.2	90	98	37.5	2.2	3.5	0.5	3.8	0.3	6.0		
130	84	GA99282-41-5-2	75.6	61	57.4	137	100	33.5	2.2	4.5	3.5	1.3	4.5	3.0		
74	3	USG3209	75.5	62	57.7	120	99	35.0	1.8	4.5	1.0	3.8	2.3	4.0		
62	2	PIONEER 26R61	75.5	63	60.3	10	97	40.0	0.8	2.8	2.5	1.5	2.0	3.0		
31	1	PANOLA	75.5	64	57.8	114	98	39.0	1.5	3.5	1.5	2.8	0.3	5.0		
64	60	LA99003E-1-B	75.4	65	58.5	73	94	36.5	0.5	4.3	3.5	5.5	0.7	4.0		
160	39	LA97129D-36-4-1-C	75.3	66	58.6	72	94	35.0	0.8	4.3	1.0	1.7	0.2	5.0		
90	116	AR98072-2-2	75.3	67	57.5	131	94	37.5	1.8	4.3	0.5	1.3	4.7	4.0		
156	135	AR98088-1-2	75.2	68	59.0	50	99	37.0	2.8	5.5	1.5	4.2	0.5	4.0		
15	8	NC04-15397	75.2	69	58.6	67	98	40.0	1.3	5.0	0.5	2.0	0.5	2.0		
44	166	W98022P1	75.1	70	57.3	141	98	34.0	1.2	4.0	2.5	0.5	1.0	6.0		
146	97	GA991257--1-10-1-8	75.0	71	56.8	154	98	38.0	1.3	3.3	0.0	0.5	1.7	5.0		
148	35	NC04-15369	75.0	72	60.4	8	101	33.0	1.0	5.5	0.0	0.5	5.3	5.0		
77	20	NC04-15013	74.8	73	59.0	53	100	38.0	1.0	5.0	1.0	1.0	0.3	6.0		
121	1	PANOLA	74.7	74	57.8	115	98	37.0	1.3	3.8	1.0	3.0	0.7	6.0		
2	2	PIONEER 26R61	74.5	75	60.2	11	99	43.0	1.5	3.5	2.0	1.5	2.0	3.0		
97	54	LA98166D-35-3-1-B	74.4	76	59.7	32	101	35.5	3.7	4.3	1.0	0.0	0.8	4.0		
151	1	PANOLA	74.1	77	57.9	111	100	36.0	1.5	4.3	2.5	3.3	0.2	7.0		
8	36	NC04-15376	74.1	78	59.8	25	96	36.5	2.0	5.3	1.0	0.3	5.8	4.0		
54	101	GA00222-1-9-8-6	74.0	79	59.4	37	98	38.5	2.0	4.5	1.5	1.3	5.5	4.0		
178	122	AR98023-5-1	73.8	80	56.7	157	104	39.0	0.7	4.3	0.5	1.5	1.7	3.0		
40	126	AR98023-2-2	73.8	81	56.2	166	95	45.0	1.5	4.0	3.0	4.7	4.0	4.0		
152	2	PIONEER 26R61	73.6	82	60.1	16	98	40.5	0.8	3.5	1.5	2.0	2.0	4.0		
139	73	GA99440-11-6-3	73.6	83	57.9	113	101	39.5	1.2	0.0	3.5	1.3	0.2	3.0		
102	17	NC04-22277	73.3	84	59.6	34	100	37.0	3.2	4.0	4.0	0.3	2.2	4.0		
46	159	W98010N1	73.3	85	55.6	171	101	37.0	1.6	4.5	2.5	0.8	0.7	4.0		
138	125	AR98093-5-4	73.2	86	57.7	119	98	40.0	1.3	4.0	0.0	2.0	3.8	4.0		
119	148	W98007M1	73.1	87	57.6	129	92	36.5	3.3	6.3	3.0	0.7	7.0	4.0		
50	24	NC04-22648	72.9	88	59.0	52	98	34.0	0.7	5.3	0.5	1.0	7.3	5.0		
150	12	NC04-15505	72.7	89	58.8	62	101	35.5	2.8	5.0	0.5	3.9	5.2	3.0		
183	2	PIONEER 26R61	72.7	90	60.0	18	98	39.0	0.5	3.0	4.0	1.8	1.5	5.0		
124	128	AR98072-2-1	72.7	91	57.5	134	93	34.0	2.0	4.5	0.0	2.7	4.2	5.0		
1	1	PANOLA	72.6	92	57.8	116	98	40.5	3.0	4.0	0.5	2.9	0.2	4.0		
169	56	LA98205D-159-2-3-B	72.6	93	58.2	83	93	35.0	1.2	3.5	0.5	2.7	2.2	3.0		
137	152	W98008J1	72.4	94	57.4	138	98	41.0	1.7	5.5	2.0	3.0	3.5	4.0		
96	147	W98005L1	72.3	95	60.0	19	97	33.5	1.8	5.5	1.0	1.8	5.3	4.0		
173	67	LA99056E-110-B	72.2	96	58.2	86	96	39.0	1.0	3.8	3.0	2.3	0.2	6.0		
112	46	LA98034D-10-2-4-B	72.2	97	58.2	91	91	36.5	1.3	3.8	0.0	1.3	0.0	4.0		
41	151	W98008H1	72.1	98	55.3	174	97	40.5	2.9	4.8	1.0	4.0	6.2	3.0		
182	1	PANOLA	72.0	99	57.9	109	98	37.5	2.5	4.0	1.0	4.4	0.2	7.0		
39	82	GA981253-9-5-7-4	72.0	100	58.0	99	97	34.5	0.8	3.8	2.5	5.8	5.0	6.0		
106	111	AR98172-6-1	71.8	101	55.6	172	101	40.0	3.2	5.0	4.0	2.8	0.0	6.0		
126	138	AR98106-8-1	71.8	102	59.8	23	101	38.0	0.7	4.3	0.5	3.9	3.8	4.0		
108	72	GA99173-37-5-1	71.7	103	58.3	82	94	36.0	2.0	6.3	1.0	1.0	8.7	4.0		
29	62	LA99005E-20-B	71.5	104	57.9	104	96	37.0	2.2	4.3	0.0	3.0	0.5	4.0		
114	160	W98010P1	71.4	105	55.4	173	100	37.0	0.8	4.0	1.5	1.8	0.7	4.0		
11	83	GA981592-3-1-3-5	71.3	106	58.2	84	98	41.0	2.2	3.8	0.0	3.3	0.5	2.0		
135	127	AR98152-1-1	71.1	107	58.1	93	97	34.5	1.7	4.5	1.0	4.8	0.7	3.0		
154	53	LA98149D-45-1-2-B	71.1	108	59.1	45	100	39.0	1.5	5.3	2.0	5.1	3.0	3.0		
153	9	NC04-15449	71.0	109	59.1	44	103	34.0	1.7	6.0	0.5	0.3	6.7	4.0		
20	65	LA99042E-64-B	70.9	110	59.1	43	97	41.5	2.2	4.5	4.5	3.7	0.0	4.0		
67	114	AR98172-3-1	70.7	111	56.4	161	102	40.5	2.2	4.5	3.0	2.8	0.2	6.0		
113	158	W98010K1	70.7	112	60.2	13	93	37.5	2.1	3.5	2.0	3.3	1.0	4.0		
165	55	LA98205D-159-2-1-B	70.6	113	58.4	80	92	35.0	1.0	2.8	0.0	3.3	1.8	4.0		
19	70	GA99472-2-12-5	70.5	114	59.0	51	98	39.0	4.0	4.0	4.5	0.7	1.2	4.0		

Table 1. 2006 SUNPRE REPORT.

PLOT	ENTNO	ENTRY	YIELD (bu/a)	Yield rank	Test wt (lbs/bu)	Test Wt rank	Head Day (0-9)	Plant ht (in)	Lodging (0-9)	Phenotype (0-9)	Powd Mild (0-9)	Leat rust (0-9)	Stripe Rust (0-9)	Hessian Fly (0-9)	Milling Quality	Baking Quality
110	130	AR98106-8-2	70.4	115	59.2	42	101	40.5	0.5	4.0	0.5	4.5	3.8	5.0		
131	19	NC04-22607	70.3	116	57.2	146	102	34.0	3.2	5.0	1.0	0.3	4.8	3.0		
66	85	GA99288-30-6-1	70.1	117	59.7	31	102	38.0	0.5	4.8	2.5	2.8	0.3	4.0		
55	58	LA98208D-3-3-1-B	70.0	118	60.7	2	97	39.0	0.8	5.3	1.0	2.3	3.2	4.0		
79	137	AR98084-4-1	69.8	119	58.0	102	99	35.0	1.5	4.3	1.0	0.8	0.7	4.0		
53	121	AR98093-5-1	69.5	120	57.7	123	98	38.0	2.2	4.5	0.0	1.3	5.3	5.0		
111	154	W98008M1	69.4	121	55.2	175	104	40.5	1.2	5.0	0.0	2.3	4.8	4.0		
23	150	W98008B1	69.4	122	56.9	151	90	41.0	1.7	4.3	0.0	1.7	2.7	4.0		
75	45	LA98034D-10-2-3-B	69.4	123	57.6	125	93	37.5	1.8	3.3	0.5	0.8	0.0	3.0		
42	131	AR98088-6-2	69.3	124	56.5	158	101	36.0	3.2	5.0	1.5	1.0	2.7	8.0		
177	165	W98022B1	69.1	125	57.9	107	94	41.0	1.2	5.3	1.0	3.8	0.8	5.0		
174	115	AR98083-8-1	69.0	126	58.9	58	94	41.0	1.8	4.3	1.0	4.3	4.3	4.0		
16	25	NC04-22646	68.7	127	58.9	55	98	35.5	1.2	5.0	0.0	1.2	6.8	7.0		
38	80	GA99371-12-3-6	68.4	128	56.2	163	99	37.0	4.0	5.5	2.0	0.6	1.2	3.0		
7	155	W98008N1	68.4	129	53.6	180	91	41.0	2.0	4.8	2.0	1.3	6.0	4.0		
56	11	NC04-15460	68.2	130	59.9	21	102	35.5	4.0	6.0	1.5	0.3	6.2	3.0		
21	133	AR98088-7-2	67.8	131	57.3	143	100	37.0	3.7	4.8	1.5	1.3	4.5	6.0		
180	123	AR98093-5-3	67.8	132	58.0	97	99	38.0	2.5	4.5	0.5	2.8	4.2	4.0		
142	132	AR98083-9-1	67.7	133	57.2	145	97	36.0	1.7	5.3	2.5	2.3	5.2	6.0		
158	38	LA96408D-89-3-1-2-C	67.6	134	58.5	74	99	38.0	1.5	5.8	2.0	3.8	1.0	3.0		
36	117	AR98083-7-1	67.5	135	58.5	79	96	41.5	4.9	4.5	4.5	1.3	0.2	5.0		
24	66	LA99042E-6-B	67.4	136	57.8	117	91	35.0	1.2	4.0	3.5	5.0	5.2	3.0		
147	142	W98004B1	67.1	137	58.9	57	101	34.5	1.5	6.0	0.0	1.5	6.2	4.0		
181	134	AR98088-7-1	67.1	138	58.2	88	101	37.0	3.2	4.3	1.0	1.3	5.2	4.0		
143	161	W98012A1	67.0	139	58.2	85	97	37.5	1.5	6.3	0.5	2.7	5.0	5.0		
134	37	NC04-14391	66.3	140	57.6	126	106	36.5	3.5	5.3	1.0	0.5	1.3	2.0		
81	26	NC04-19843	66.0	141	57.6	127	106	34.5	3.8	6.0	1.0	0.3	6.0	4.0		
172	22	NC04-20428	66.0	142	59.1	47	101	32.5	3.3	6.3	0.5	2.0	6.8	4.0		
12	40	LA97008UC-82-1-3-2-C	65.9	143	58.5	77	97	43.0	3.5	4.5	4.0	0.5	0.7	3.0		
63	49	LA98090D-34-4-C	65.8	144	58.4	81	96	40.0	1.3	5.8	6.0	1.3	1.5	5.0		
6	75	GA99492-6-6-1	65.8	145	56.9	150	103	40.5	1.8	5.0	0.5	0.5	5.0	3.0		
140	124	AR98088-3-2	65.6	146	57.3	142	93	35.0	1.8	5.0	1.0	4.3	0.7	4.0		
103	74	GA99491-9-5-2	65.6	147	59.4	39	104	36.5	0.7	5.0	3.0	1.5	1.7	4.0		
87	112	AR98083-10-1	65.3	148	53.5	181	96	31.0	1.0	4.5	3.0	6.5	0.5	4.0		
95	34	NC04-19818	64.8	149	59.2	40	97	33.0	0.8	6.5	0.0	1.0	8.5	4.0		
9	69	LA99146UC-41-2-C	64.4	150	57.3	139	95	35.0	3.7	5.0	1.0	0.3	4.0	2.0		
163	29	NC04-22642	63.4	151	59.1	46	104	34.5	2.5	6.0	0.5	0.3	6.3	3.0		
164	136	AR98068-4-1	63.2	152	57.6	124	107	43.0	1.8	5.5	2.0	0.8	3.3	4.0		
68	28	NC04-20417	63.2	153	58.9	56	107	34.0	2.2	6.0	0.5	0.0	7.3	3.0		
22	23	NC04-19985	63.1	154	57.9	106	93	34.5	3.7	5.0	1.5	0.5	6.7	5.0		
51	30	NC04-20419	63.0	155	58.0	100	103	33.5	2.0	6.3	0.5	0.5	7.8	2.0		
13	44	LA98034D-10-2-1-B	62.9	156	56.2	164	92	37.5	3.7	3.8	0.0	0.5	0.0	4.0		
89	14	NC04-20814	62.6	157	54.1	179	104	35.0	1.0	6.0	0.0	1.8	4.8	4.0		
176	139	AR98127-1-1	62.5	158	60.9	1	98	42.0	2.0	5.5	0.5	2.8	0.2	4.0		
116	153	W98008L1	62.4	159	54.7	178	103	42.5	2.2	5.3	0.5	5.0	5.3	4.0		
65	140	W98002G2	62.2	160	55.7	169	94	36.0	3.8	5.0	1.5	7.0	5.0	4.0		
99	145	W98004H1	62.1	161	57.5	132	99	35.5	3.8	5.8	1.0	2.3	7.0	5.0		
94	13	NC04-20812	61.9	162	55.1	176	105	37.5	0.7	6.0	0.0	1.5	5.0	3.0		
57	146	W98004K1	61.8	163	56.0	168	93	35.5	4.0	5.8	2.0	1.3	6.8	6.0		
162	33	NC04-20383	61.7	164	59.7	29	104	32.5	3.2	6.5	1.5	0.7	6.5	3.0		
136	31	NC04-22664	61.7	165	58.8	60	103	31.5	2.5	5.8	0.5	0.7	7.3	3.0		
58	119	AR98097-4-1	61.5	166	57.9	104	105	36.5	1.2	5.5	1.0	1.8	3.8	4.0		
170	168	W98029E1	61.0	167	56.4	160	90	31.5	1.8	6.3	2.5	6.5	3.3	6.0		
127	129	AR98021-11-2	60.9	168	57.2	144	105	41.0	1.3	5.3	5.0	0.9	0.5	5.0		
149	57	LA98207D-43-3-4-B	60.8	169	56.3	162	101	37.5	0.7	6.0	5.5	2.0	4.2	7.0		
100	32	NC04-20389	60.0	170	58.6	69	103	33.5	3.5	7.3	0.0	0.7	8.5	3.0		
145	43	LA98019D-26-4-C	60.0	171	58.1	92	97	36.5	0.3	4.0	0.5	0.5	0.3	4.0		



Table 2. WPA06BRWN. Wheat Prelim-A at Baton Rouge and Winnsboro, LA for 2006.

Brand / variety	Grain Yield	Test Wt	Heading Day	Plant Height	Lod-ging	Stripe Rust	Leaf Rust	Pheno type	Freeze Damage
	bu/a	lbs/bu	of yr	in	0-9	%	%	0-9	0-9
LA99005UC-31-3-C	88.5	57.3	75	37	1.3	4	0	3.3	2.5
LA99005E-116-B	87.7	58.2	77	39	0.5	0	0	2.8	3.0
LA98214D-14-1-2-B	83.1	57.4	74	39	2.3	0	0	3.0	2.5
LA98149BUB-3-4-B	79.5	59.5	80	40	1.0	0	0	3.9	2.5
LA99056E-110-B	78.4	57.1	76	41	1.8	0	0	4.1	3.0
LA98133D-160-3-C	78.1	57.1	75	41	1.3	0	1	3.8	3.0
LA99119UC-93-2-C	75.5	56.9	73	39	3.3	0	0	4.1	3.5
LA99042E-6-B	75.3	58.0	74	36	1.0	3	15	5.5	4.0
PIONEER 26R61	73.4	60.0	78	41	1.0	0	0	3.5	2.0
LA99005E-20-B	73.2	57.5	79	40	1.8	0	1	3.5	2.5
TERRAL LA841	72.2	56.4	76	38	2.0	0	0	3.9	6.0
LA99042E-117-B	72.1	59.5	78	44	1.5	0	1	3.9	1.5
AGS 2000	71.1	58.9	80	39	3.5	11	0	4.3	3.0
LA98019D-26-3-C	70.5	57.9	76	39	3.0	0	0	4.3	2.5
LA98208D-3-3-1-B	70.5	60.2	76	40	1.0	0	0	4.1	5.5
LA98049BUB-4-3-1-C	69.6	59.0	76	37	3.0	0	0	3.8	3.5
LA98113D-41-2-C	69.3	59.6	77	41	3.0	0	0	4.1	2.5
LA98166D-35-3-1-B	69.0	59.0	80	37	5.3	0	0	4.8	4.5
LA98034D-10-2-4-B	68.9	56.6	80	37	1.5	0	0	3.8	1.5
LA97129D-36-4-1-C	68.3	57.4	74	37	1.8	0	0	5.0	7.0
LA98205D-159-2-3-B	68.3	57.9	74	36	1.0	0	2	3.6	3.5
PANOLA	68.0	58.2	82	40	1.3	0	0	4.0	3.0
LA99042E-64-B	67.8	59.0	79	43	3.3	0	4	4.4	2.5
LA99003E-1-B	67.4	57.1	74	37	0.8	0	2	4.1	6.0
LA98034D-10-2-3-B	66.6	56.6	80	39	1.8	0	0	3.9	2.0
LA99146UC-41-2-C	66.3	57.2	74	36	4.0	0	0	3.9	2.5
LA98008BUB-10-3-1-C	65.8	57.7	74	37	1.3	0	0	4.1	5.5
LA98205D-159-2-1-B	63.1	58.2	73	36	1.0	0	2	3.5	3.0
LA98090D-34-4-C	63.1	57.6	76	41	1.5	0	0	5.1	4.0
LA98149D-45-1-2-B	63.0	58.5	79	43	1.5	1	5	5.0	2.5
LA98019D-26-4-C	61.1	57.8	76	38	1.8	1	0	4.4	1.0
LA97008UC-82-1-3-2-C	60.2	57.8	78	46	4.5	0	0	4.3	6.5
LA98034D-10-2-1-B	59.9	55.4	79	39	2.5	0	0	4.3	2.0
LA98207D-43-3-4-B	59.6	56.9	80	40	1.0	0	0	5.0	3.5
LA96408D-89-3-1-2-C	56.1	58.5	78	41	1.3	0	26	6.4	4.5
LA98074D-67-1-2-B	54.8	61.0	81	43	2.0	0	2	5.3	2.5
Mean	69.6	58.0	77	39	2.0	1	2	4.2	3.3
CV	11	2	1	4	63	451	64	17.3	33
LSD	10.8	1.1	2	2	1.7	4	11	1.1	1.9

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.



Table 3. Wheat performance trial across Louisiana (Alexandria, Baton Rouge, Crowley, Jeanerette, St. Joseph, and Winnsboro) for 2007.

	Grain Yield	Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Stem Rust	Sept oria	Bact eria	Pheno -type
Brand / variety	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9	0-9 *	0-9
GA951231-4E25	84.3	58.1	89	35	0.9	0	1.0	1.3	0.3	4.3
AGRIPRO COKER MAGNOLIA	81.3	57.9	85	38	0.2	0	0.0	3.3	3.8	3.5
LA99005UC-31-3-C	81.3	57.7	80	36	0.1	0	0.4	3.0	2.5	3.6
GA951231-4E26	80.9	58.3	89	34	0.5	0	0.0	1.3	0.0	3.5
LA978UC-36-1-1-B	80.8	57.7	82	35	0.8	0	2.7	2.0	3.3	3.2
LA98214D-14-1-2-B	80.6	58.1	82	38	0.8	0	0.1	2.7	0.0	3.1
TERRAL LA841	80.5	57.2	85	36	0.3	0	0.1	3.0	0.0	3.7
AGS 2060	80.3	59.7	82	42	0.5	0	0.0	2.0	4.8	3.8
USG 3209	79.6	58.1	87	34	0.3	1	0.0	1.0	3.8	4.4
PIONEER 26R87	78.9	59.7	92	36	0.1	0	0.0	1.0	0.0	4.0
LA98149BUB-3-4-B	78.7	58.2	86	37	0.1	1	1.9	2.0	1.3	3.7
AGS 2000	78.6	58.8	83	38	0.6	1	0.0	2.7	1.0	3.7
LA978UC-101-1-1-1-C	77.6	57.7	81	38	1.8	0	2.4	3.3	4.5	4.0
GA96693-4E16	77.4	58.8	83	39	1.6	0	0.3	2.7	2.0	3.6
TERRAL LA482	77.3	57.3	79	40	0.4	0	0.3	2.0	6.8	4.0
LA99124UC-59-3-2-B	76.2	58.8	82	35	0.2	0	0.1	2.0	5.0	3.4
RAGAN&MASSEY LA95135	76.0	57.2	91	40	0.5	0	0.7	1.7	0.5	3.8
JAMESTOWN	75.9	59.0	83	34	0.3	1	0.0	1.7	5.3	3.4
LA98202D-64-1	75.5	58.2	81	38	0.4	2	1.7	2.3	5.0	4.2
VA02W-555	75.3	56.3	92	33	0.1	0	0.0	1.3	0.0	4.1
AGRIPRO COKER 9700	75.1	58.8	82	35	0.6	0	2.5	1.7	0.0	3.8
DELTA KING GR9108	75.0	57.3	85	41	0.2	0	2.2	2.3	0.0	4.4
LA98064D-9-1-3-B	74.9	58.7	87	39	0.5	8	0.1	1.3	1.8	4.8
AGS 2010	74.4	58.6	91	39	0.9	0	0.3	2.3	0.8	4.8
TERRAL TVX81170	73.8	56.7	94	40	0.1	1	1.7	1.0	0.0	5.4
LA98133D-160-3-C	73.7	57.4	80	37	0.3	0	0.1	3.3	6.3	4.1
DK XTJ734	73.5	57.0	94	41	0.3	1	2.0	1.7	0.0	5.4
LA95171CA58-3-2	73.5	57.7	87	37	0.7	0	3.3	1.7	1.0	3.6
AGS 2031	73.4	58.6	92	35	0.1	0	0.0	1.0	0.0	4.8
USG 3592	73.2	58.1	90	39	0.9	0	3.3	1.7	0.0	4.7
AGRIPRO COKER 9553	73.1	59.0	91	37	0.4	0	3.7	1.7	0.3	3.8
PIONEER 26R61	73.0	58.9	86	39	0.1	0	0.7	1.7	2.0	3.5
USG 3295	72.9	57.6	93	35	0.1	0	0.0	1.0	0.0	4.8
LA99120UC-60-1-4-B	72.8	56.7	86	34	1.1	1	0.1	1.7	0.8	3.4
TERRAL TV8558	72.1	57.6	93	36	0.2	1	3.3	1.7	0.0	5.0
CROPLAN 8302	71.0	54.5	98	37	0.4	0	1.3	1.7	0.0	4.5
DELTA KING 9577	70.0	57.6	92	37	0.3	2	5.4	2.0	0.0	5.4
AGRIPRO COKER/PANOLA	66.6	57.2	92	38	1.4	1	4.7	1.7	0.0	4.1
LA98113D-41-1-C	65.8	59.1	82	38	0.4	0	0.0	3.0	4.5	4.1
USG 3477	65.7	57.0	98	41	0.9	6	1.0	1.3	0.0	5.9
DIXIE 989	65.0	55.3	97	38	0.1	0	4.6	1.0	0.0	5.4
DK XTJ730	63.0	54.4	98	37	0.1	3	3.6	1.3	0.0	5.2
USG 3706	61.3	57.6	94	32	0.7	5	2.4	2.0	0.0	5.5
DELTA GROW 1600	60.7	54.2	98	37	0.2	1	6.1	1.0	0.0	5.9
DELTA GROW 5200	60.7	57.4	98	38	0.3	5	1.0	2.0	0.0	5.9



Table 3. Wheat performance trial across Louisiana (Alexandria, Baton Rouge, Crowley, Jeanerette, St. Joseph, and Winnsboro) for 2007.

	Grain Yield	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Stem Rust	Septoria	Bacteria	Phenotype
Brand / variety	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9	0-9	0-9
USG 3X633	60.7	56.6	96	36	0.1	1	4.4	1.0	0.5	6.0
DK XTJ724	60.2	53.7	100	38	0.1	0	2.0	1.0	0.0	5.3
DK XTJ732	44.5	51.6	104	37	0.1	3	0.7	0.7	0.0	6.6
CROPLAN 8309	42.1	51.6	99	36	0.4	20	2.2	3.0	0.0	6.4
MEAN	72.3	57.4	89	37	0.5	1	1.5	1.9	1.4	4.4
CV	12	2	2	4	170	266	86	43	83	15
LSD(0.10)	10.2	1.4	2	1	0.7	4	1.6	NS	1.3	0.8

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

for 0-9 scales the lower number is always better (less disease or lodging).

* **Alexandria data only.**

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.



Table 4. Wheat performance trial across North Louisiana (Alexandria, St. Joseph, and Winnsboro) for 2007.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Pheno -type 0-9
AGRIPRO COKER MAGNOLIA	81.9	58.5	86	40	none	0	3.8	3
GA951231-4E25	81.6	58.9	87	36	occurred	0	0.3	4
GA951231-4E26	80.6	59.2	87	36		0	0.0	3
TERRAL LA841	80.1	58.0	85	38		0	0.0	4
USG 3592	80.1	58.1	90	42		0	0.0	4
LA978UC-36-1-1-B	80.0	58.5	84	36		0	3.3	3
LA98149BUB-3-4-B	79.6	58.8	87	38		0	1.3	3
LA978UC-101-1-1-1-C	79.5	58.7	82	40		0	4.5	4
LA98214D-14-1-2-B	79.3	59.0	81	40		0	0.0	3
TERRAL TV8558	79.1	57.6	92	39		0	0.0	4
DELTA KING 9577	78.1	57.9	91	38		1	0.0	5
AGRIPRO COKER/PANOLA	77.2	57.4	91	40		0	0.0	3
LA99005UC-31-3-C	77.2	58.7	81	37		0	2.5	4
TERRAL TVX81170	76.8	56.9	91	43		0	0.0	5
USG 3295	76.8	58.0	90	37		0	0.0	4
AGS 2060	76.4	60.1	84	44		0	4.8	4
RAGAN&MASSEY LA95135	76.3	57.1	89	42		0	0.5	3
USG 3209	75.8	58.4	87	36		0	3.8	4
VA02W-555	75.8	56.3	91	35		0	0.0	4
AGS 2000	75.7	59.5	83	39		0	1.0	4
AGS 2031	75.7	58.8	90	36		0	0.0	4
AGRIPRO COKER 9553	74.7	59.2	89	39		0	0.3	3
DK XTJ734	74.6	56.9	91	43		0	0.0	5
AGRIPRO COKER/BERETTA	74.6	54.8	90	39		0	0.3	5
DIXIE 989	74.5	55.6	96	39		0	0.0	4
JAMESTOWN	73.9	60.1	83	36		0	5.3	3
PIONEER 26R87	73.5	60.1	89	36		1	0.0	4
CROPLAN 8302	73.4	56.0	94	38		0	0.0	4
LA95171CA58-3-2	73.2	58.5	87	38		0	1.0	3
LA99120UC-60-1-4-B	73.0	57.3	88	35		0	0.8	3
USG 3706	73.0	58.1	92	33		0	0.0	4
LA98064D-9-1-3-B	72.6	59.3	86	41		8	1.8	4
GA96693-4E16	72.6	59.5	84	40		0	2.0	3
TERRAL TV8466	72.4	57.1	95	39		0	0.3	5
AGRIPRO COKER 9700	72.0	59.2	83	37		0	0.0	4
DK XTJ730	71.8	55.3	96	39		1	0.0	4
DELTA GROW 1600	71.5	55.3	97	37		1	0.0	5
LA99124UC-59-3-2-B	71.3	59.4	84	37		0	5.0	3
DELTA KING GR9108	70.9	57.9	87	43		0	0.0	4
AGS 2010	70.6	59.1	89	41		0	0.8	4
USG 3477	70.4	57.3	96	43		5	0.0	6
PIONEER 26R61	70.0	59.7	86	40		0	2.0	4
DELTA GROW 5200	68.8	58.1	95	42		2	0.0	5
PAT	68.7	55.7	100	42		0	0.3	4
LA98202D-64-1	68.4	58.9	82	38		3	5.0	5



Table 4. Wheat performance trial across North Louisiana (Alexandria, St. Joseph, and Winnsboro) for 2007.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Phenotype 0-9
USG 3X633	68.1	57.4	94	38		0	0.5	6
TERRAL LA482	64.3	58.1	81	41		0	6.8	4
LA98133D-160-3-C	62.9	58.1	82	38		0	6.3	4
DK XTJ724	60.9	55.6	97	41		0	0.0	5
LA98113D-41-1-C	57.4	59.6	83	40		0	4.5	4
DK XTJ732	56.0	54.2	108	41		2	0.0	6
CROPLAN 8309	54.0	52.9	96	40		17	0.0	6
Mean	73.0	57.9	89	39		1	1.3	4
CV	11	2	2	4		247	84	17
LSD	11.3	1.8	2	2		5	1.3	1

Contains data for Alexandria, St. Joseph, and Winnsboro, LA for 2007. The spring was dry and there was minimal disease pressure and

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.



Table 5. Wheat performance trial across South Louisiana (Baton Rouge, Crowley, and Jeanerette) for 2007.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day day of yr	Plant Height in	Lod-ging 0-9	Leaf Rust %	Sept oria 0-9	Stem Rust 0-9	Pheno -type 0-9
TERRAL LA482	90.2	55.7	77	39	0.5	1	2.0	0.3	3.6
GA951231-4E25	87.3	56.5	90	33	1.2	0	1.3	1.0	4.6
LA99005UC-31-3-C	85.8	55.8	79	35	0.2	0	3.0	0.4	3.4
LA98133D-160-3-C	84.6	56.0	78	36	0.4	0	3.3	0.1	4.3
PIONEER 26R87	84.3	58.9	94	35	0.2	0	1.0	0.0	3.8
AGS 2060	84.2	58.9	81	40	0.7	0	2.0	0.0	3.7
USG 3209	83.8	57.4	86	32	0.4	2	1.0	0.0	4.7
LA98202D-64-1	82.6	56.8	81	37	0.5	1	2.3	1.7	3.5
GA96693-4E16	82.3	57.3	81	38	2.3	0	2.7	0.3	4.3
LA98214D-14-1-2-B	82.1	56.2	83	37	1.1	0	2.7	0.1	3.2
LA978UC-36-1-1-B	81.8	56.0	81	34	1.1	0	2.0	2.7	3.7
AGS 2000	81.5	57.3	83	37	0.8	2	2.7	0.0	3.6
GA951231-4E26	81.1	56.7	91	33	0.7	1	1.3	0.0	3.9
LA99124UC-59-3-2-B	81.1	57.6	81	34	0.3	0	2.0	0.1	3.4
TERRAL LA841	80.9	55.5	84	35	0.4	0	3.0	0.1	3.8
AGRIPRO COKER MAGNOLIA	80.7	56.8	83	36	0.3	0	3.3	0.0	3.7
DELTA KING GR9108	79.4	56.1	84	39	0.3	0	2.3	2.2	4.3
AGRIPRO COKER 9700	78.2	57.8	82	33	0.9	0	1.7	2.5	4.0
AGS 2010	78.2	57.5	93	37	1.3	0	2.3	0.3	5.3
JAMESTOWN	77.8	56.8	82	32	0.4	2	1.7	0.0	3.6
LA98149BUB-3-4-B	77.8	56.8	85	36	0.2	3	2.0	1.9	4.6
LA98064D-9-1-3-B	77.1	57.5	87	38	0.7	9	1.3	0.1	5.2
PIONEER 26R61	76.3	57.5	85	38	0.2	1	1.7	0.7	3.3
RAGAN&MASSEY LA95135	75.8	57.4	93	39	0.7	0	1.7	0.7	4.2
LA978UC-101-1-1-1-C	75.7	55.7	80	36	2.5	0	3.3	2.4	4.4
VA02W-555	74.8	56.3	93	31	0.2	0	1.3	0.0	4.5
LA98113D-41-1-C	74.2	58.0	81	36	0.5	0	3.0	0.0	3.7
LA95171CA58-3-2	73.9	56.2	87	36	1.0	0	1.7	3.3	4.0
LA99120UC-60-1-4-B	72.6	55.6	84	33	1.6	2	1.7	0.1	3.4
DK XTJ734	72.3	57.2	96	39	0.4	1	1.7	2.0	5.7
AGRIPRO COKER 9553	71.5	58.6	93	36	0.5	1	1.7	3.7	4.4
AGS 2031	71.2	58.0	94	34	0.2	0	1.0	0.0	5.4
TERRAL TVX81170	70.8	56.3	96	39	0.2	3	1.0	1.7	5.7
USG 3295	69.0	56.9	96	33	0.2	0	1.0	0.0	5.4
CROPLAN 8302	68.5	51.6	101	36	0.6	0	1.7	1.3	5.3
USG 3592	66.8	58.2	90	38	1.2	0	1.7	3.3	5.5
TERRAL TV8558	65.0	57.7	94	35	0.3	3	1.7	3.3	5.9
DELTA KING 9577	62.5	57.1	93	36	0.4	4	2.0	5.4	6.1
USG 3477	60.5	56.3	99	38	1.3	6	1.3	1.0	6.4
DK XTJ724	59.5	49.3	102	36	0.2	0	1.0	2.0	6.0
AGRIPRO COKER/PANOLA	56.0	56.7	94	36	1.9	3	1.7	4.7	5.3
DIXIE 989	55.4	54.8	98	36	0.2	0	1.0	4.6	6.6
DK XTJ730	53.4	52.6	100	36	0.2	4	1.3	3.6	6.1
USG 3X633	53.2	55.0	98	35	0.2	2	1.0	4.4	6.6
DELTA GROW 5200	52.5	55.9	100	35	0.4	8	2.0	1.0	6.7



Table 5. Wheat performance trial across South Louisiana (Baton Rouge, Crowley, and Jeanerette) for 2007.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Sept oria	Stem Rust	Pheno -type
	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9	0-9
DELTA GROW 1600	50.0	52.0	99	37	0.3	0	1.0	6.1	7.1
USG 3706	49.6	56.5	97	31	1.0	10	2.0	2.4	6.8
CROPLAN 8309	29.0	47.9	100	33	0.5	24	3.0	2.2	7.6
DK XTJ732	27.3	43.7	98	35	0.2	3	0.7	0.7	7.7
MEAN	71.6	56.1	89	36	0.7	2	1.9	1.5	4.9
CV	12	2	1	4	145	43	269	86	13
LSD(0.10)	13.7	2.0	2	2	0.9	NS	8.0	1.6	1

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.

Table 6. 2008 Uniform Southern Soft Red Winter Wheat Nursery Data Totally unofficial SUNGRAINS
 compilation of running means. *Look at next sheet to see individual locations.*

ENT	GENO	Grain Yield all locs		Grain Yield **locs		Test Wt		Hd Day	Plt HT	Lod Scr	Powdery Mildew		Leaf Rust	CDL Post Lr	Stripe Rust	Stem Rust	BY DV	WS SM V	SEP T	FHB	Hessian Fly					
		bu/a	rnk	bu/a	rnk	lbs/bu	rnk	of yr	in	0-9	0-9	GH VA	0-9	genes	0-9		0-9	0-9	0-9	0-9	Field '0-9	B	C	D	O	L
35	GA991371-6E13	77.5	3	81.2	1	56.4	29	113	34	3.3	3.2	12	1.0	+	0.8	10S/0	5.5	7.5	4.3	3.5	0.5	9	9	9	4	9
34	GA991209-6E33	78.6	2	77.8	2	58.4	5	111	37	2.7	3.1	12	0.8	+	1.3	10MR	3.5	5.0	5.0	4.6	0.0	9	9	9	9	9
33	GA991336-6E9	72.3	14	76.3	3	57.2	19	113	36	3.3	3.1	2	0.8	+	0.3	10MS	6.0	7.0	4.5	3.9	0.5	9	9	9	4	9
1	AGS 2000	72.7	13	75.8	4	57.5	14	113	36	3.8	2.6	12-	1.0	26	3.3	10R-MR/MS	4.5	8.0	4.9	4.4	0.5	9	9	9	9	9
36	GA991227-6A33	74.6	7	75.2	5	56.0	31	116	34	5.1	4.3	;1-cn	1.1	+	0.7	5MR	3.0	6.5	5.3	2.1	1.5	9	9	9	9	9
8	LA99005UC-31-3-C	71.8	15	75.2	6	56.3	30	110	35	2.3	2.0	12-	0.8	11	1.9	50S	4.5	8.5	5.4	5.3	0.0	9	9	9	9	9
7	VA04W-259	77.0	4	75.1	7	57.1	21	120	35	4.6	0.8	3	1.2	+	1.7	10MS	3.0	1.0	4.9	2.8	5.0	9	9	9	9	9
4	VA02W-555	78.7	1	74.0	8	56.6	26	116	34	2.3	1.3	23	3.0	26,+	0.3	5R-MR	2.5	0.5	3.9	2.6	5.5	9	9	9	9	9
13	LA01140D-70	71.8	16	73.7	9	57.9	9	113	39	3.6	1.8	12	1.1	24,+	1.0	40S	2.5	3.0	4.1	6.3	0.0	9	9	9	9	9
19	P04287A1-10	74.6	8	73.7	10	57.3	17	119	36	1.7	3.7	4	1.3		1.5	0	3.0	1.5	3.4	1.1	3.0	8	9	9	9	9
2	Pioneer Brand 26R61	70.1	23	73.0	11	58.6	4	115	39	2.3	4.1	;1-	2.4	26	1.0	5R	3.5	0.0	3.0	4.2	0.0	9	9	9	1	9
3	Coker 9553	74.8	6	72.1	12	86.7	1	114	37	2.4	1.7	34	4.2	11,	0.5	50S	4.5	8.0	5.5	2.9	2.0	9	9	9	9	9
9	LA98214D-14-1-2-B	67.4	32	71.3	13	57.5	15	112	37	4.6	1.2	1cn	0.8	11,26	0.4	5MS	6.0	4.5	4.3	5.8	0.5	9	9	9	9	9
14	LA01138D-52	68.0	31	71.3	14	55.5	37	115	37	3.2	5.3	34	1.0	+	0.7	0	5.0	7.0	4.9	1.8	0.0	9	9	9	9	9
31	D04*5546	70.7	19	69.9	15	57.7	10	117	36	2.0	6.0	4	0.8	+	1.0	10R	4.5	0.0	3.1	1.6	1.5	9	9	9	3	9
6	NC03-8026	69.4	25	69.5	16	57.7	12	116	36	4.5	2.0	23	1.5	24,26	3.4	5R-MR	3.0	5.0	4.3	2.5	4.0	9	9	9	9	9
30	B030543	75.5	5	69.1	17	58.4	6	120	36	2.7	3.6	3	2.7	0	0.7	10MR-MS	3.0	4.0	4.8	1.7	5.5	9	9	9	9	9
17	P992231A1-2-1	72.7	12	67.3	18	57.6	13	120	35	1.2	4.6	3	1.2	+	0.7	TMS	3.5	1.0	3.3	1.3	4.5	2	3	2	6	4
15	AR96077-7-2	65.9	34	67.0	19	57.2	18	119	33	1.8	1.1	23	1.8	11,26	1.3	20MS/70S	2.0	0.0	3.9	1.8	4.0	9	9	9	9	9
37	W98007V1	65.0	38	66.7	20	56.4	28	118	35	6.0	1.3	12-	2.9	9	1.0	80S	4.0	1.5	6.1	4.5	5.5	9	3	4	9	9
42	G41732	72.8	10	65.5	21	59.4	2	118	37	2.7	2.8	34	4.9	0	2.1	20MS-S	4.0	6.0	3.4	1.6	1.5	9	9	9	7	9
12	NC04-20814	70.0	24	65.1	22	57.0	23	119	35	3.2	0.6	1	1.1	+	3.5	5MR	1.0	0.5	5.0	2.1	3.5	7	9	9	9	9
32	D04-5012	70.3	21	64.7	23	55.4	38	116	37	4.8	2.3	12-	5.1	9	1.3	60S	3.0	1.5	4.3	3.3	3.0	9	9	9	9	9
11	NC04-15533	70.2	22	63.9	24	57.4	16	120	36	3.3	0.6	1	1.3	+	3.3	5MS	1.5	0.5	4.8	1.9	4.0	9	9	9	9	9
10	MO011126	72.8	11	63.8	25	58.0	8	121	38	3.7	3.2	;1cn	4.7	0	0.3	80S	2.0	0.5	3.6	1.5	4.0	9	9	9	9	9
27	M04-4715	73.4	9	63.5	26	54.5	41	116	36	2.9	2.3	12-	2.2	+	4.8	60S	3.5	0.0	4.0	3.7	4.5	9	9	9	9	9
41	G61505	71.1	17	63.4	27	57.0	24	122	37	3.2	1.8	2	3.6	+	1.0	80S	5.5	0.0	3.5	1.3	6.5	9	9	9	9	9
38	W98008J1	65.1	37	63.1	28	55.7	33	114	37	5.1	3.8	12	4.8	11,26	1.7	70S	4.0	6.0	5.5	6.6	6.0	8	2	2	9	9
23	MD01W233-05-1	69.0	28	63.0	29	56.5	27	119	34	3.7	2.3	0;	1.8	11,24	1.0	70S	4.5	1.5	5.6	2.1	6.0	9	3	9	3	9
21	VA05W-258	69.4	26	62.4	30	55.6	36	119	38	3.0	2.6	1	3.8	9	6.7	70S	2.0	2.0	5.0	3.5	6.5	9	3	9	3	9
16	AR97124-4-3	66.9	33	61.9	31	57.1	20	120	39	4.1	4.8	34	2.0	9	0.3	80S	4.0	2.0	4.3	2.1	4.5	9	9	9	9	9
5	NC03-6228	62.5	41	61.4	32	57.1	22	115	35	5.2	0.6	12-	1.2	11,26	4.9	20S/0	2.0	2.5	6.1	4.8	5.5	9	9	9	9	9
22	VA05W-78	70.8	18	61.1	33	54.9	39	114	34	3.1	0.3	0;	2.3	11,24	8.5	30MR	3.0	2.0	4.8	2.4	0.0	9	9	9	9	9
25	MD01W233-06-1	68.1	29	60.6	34	58.8	3	120	36	3.8	0.0	0;	3.5	11,24	0.7	20MR	3.5	0.5	2.9	1.3	5.5	9	9	9	9	9
28	M04*5109	68.0	30	60.3	35	57.7	11	118	38	3.7	4.3	4	5.9	11	2.7	60S	3.5	3.0	4.9	1.5	4.0	9	9	9	9	9
20	VA05W-250	64.7	39	59.2	36	54.8	40	121	37	4.5	1.9	0;	2.7	9	4.1	80S	3.5	1.0	4.5	2.0	5.5	9	3	6	9	9
40	G59160	70.6	20	59.2	37	55.6	35	122	37	4.3	1.0	3	2.8	0	0.8	50S	2.0	2.5	4.0	1.0	7.0	9	9	9	9	9
29	M03-3616-C	69.3	27	57.3	38	56.6	25	122	35	1.5	1.7	0;	3.7	24,26	0.9	20MR	4.5	0.0	3.1	1.0	8.5	7	1	1	3	9
24	MD01W233-06-16	65.8	35	57.3	39	58.0	7	120	34	4.2	0.7	0;	1.8	11,24	5.3	20R-MR	4.5	0.0	3.5	1.3	7.0	9	9	9	9	9
18	P03112A1-7-14	65.4	36	55.2	40	55.9	32	123	35	1.5	1.4	34	4.0	+	2.1	5MR	2.5	0.0	3.1	1.0	7.5	9	9	8	9	9
39	W98008P1	58.3	42	52.2	41	53.9	42	108	36	2.3	2.5	0;	3.2	11,26	3.2	0	5.0	3.5	6.0	7.8	1.0	9	4	8	4	9
26	TN801	63.5	40	48.5	42	55.6	34	122	40	5.6	3.6	4	3.6	9	2.5	50S	4.0	3.5	2.9	3.1	8.5	9	9	9	9	9
	MEAN	70.2		66.4		57.5		117	36	3.4	2.4		2.4		2.0		3.6	2.8	4.4	4.5	3.7					



Table 7. Wheat performance trial across Louisiana for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lod-ging 0-9	Leaf Rust %	Bact eria 0-9	Pheno type 0-9
AGS 2060	76.6	59.2	85	39	0.7	0	0.0	3.8
GA981621-5E34	73.3	58.0	95	39	0.5	0	0.3	3.9
GA981622-5E35	72.0	58.5	88	38	0.6	0	0.0	3.9
LA99005UC-31-3	71.7	57.0	83	35	0.6	2	0.0	4.3
LA978UC-36-1-1	70.1	56.4	85	34	0.4	0	0.5	4.1
DELTA KING DK9108	69.3	56.5	90	39	0.8	8	0.0	4.3
VA01W-205	68.9	57.1	98	30	0.8	1	0.0	6.3
DIXIE 427	68.7	56.3	97	35	2.2	3	0.0	5.7
LA01113D-44	68.7	57.6	87	35	1.0	24	0.0	5.0
RAGAN&MASSEY LA95135	68.5	57.3	94	38	1.4	0	0.3	4.3
LA01138D-21	68.5	56.6	88	38	0.9	8	1.5	4.6
AGRIPRO COKER 9700	68.2	57.8	88	34	0.7	6	0.0	4.1
LA98149BUB-3-4	68.2	57.0	90	36	0.4	10	0.7	4.1
USG 3592	67.7	57.3	99	37	2.9	0	0.0	5.3
LA01138D-55	67.6	56.9	89	37	0.8	5	1.3	4.7
JAMESTOWN	67.3	58.7	88	33	0.7	12	0.3	4.6
LA98214D-14-1-2	67.2	57.0	87	38	1.3	0	0.3	3.7
USG 3295	67.0	57.8	98	35	0.7	0	0.0	6.1
USG 3555	66.0	55.4	95	32	0.3	5	0.0	5.6
LA98064D-29-2-4	65.8	56.9	91	36	1.0	9	0.7	4.2
AGS 2026	65.6	56.6	93	34	3.2	5	0.0	4.7
AGS 2020	65.5	56.8	87	37	1.9	1	0.0	4.0
TERRAL LA841	65.4	56.2	89	35	0.9	1	0.0	3.5
PIONEER 26R87	65.1	59.2	96	35	0.7	17	0.0	5.4
AGRIPRO COKER MAGNOLIA **	64.0	56.3	89	36	0.6	23	0.0	4.8
AGS 2031	64.0	58.1	97	34	0.9	0	0.0	6.0
TX4A35	63.9	56.1	93	34	2.1	0	0.0	4.8
PIONEER 26R61	63.1	58.4	91	38	0.4	3	0.0	3.9
X3443	62.5	56.9	90	35	2.1	32	0.0	5.6
LA99164UC-53-1	62.2	55.3	84	36	0.8	5	0.7	4.1
DIXIE 454	61.3	57.9	103	37	1.2	0	0.0	6.1
AGS 2010	60.5	58.1	95	38	1.6	0	0.5	4.9
TERRAL LA482	60.0	56.4	82	37	0.8	31	0.3	5.3
LA99120UC-60-1-4	59.5	55.8	88	32	2.2	44	0.0	5.6
PROGENY 117	59.5	56.5	90	37	2.6	42	0.0	6.1
TERRAL TVX85771	59.2	56.2	80	37	1.1	25	0.0	5.4
LA99042E-68	56.2	57.4	89	39	1.2	46	0.0	5.4
USG 3209	54.1	55.0	94	33	1.5	35	0.0	5.8
USG 3342	53.5	56.7	101	31	0.6	10	0.0	6.5
TERRAL TVX85089	53.5	54.6	100	37	1.8	10	0.0	6.3
AGRIPRO COKER 9553	53.3	57.5	95	34	1.3	24	0.0	5.6
TERRAL TV8558	52.6	54.7	96	35	1.4	30	0.0	5.9
PROGENY 185	52.3	54.6	98	36	0.5	21	0.0	6.6
GA-02603CT	51.0	55.9	84	34	2.2	68	0.0	6.9
DELTA KING DK9577	51.0	54.7	96	35	1.8	38	0.0	6.0
HBK 3128	50.2	55.8	100	36	2.1	31	0.0	6.1
USG 3350	49.6	56.7	96	39	1.2	17	0.0	6.5
PROGENY 166	48.8	56.9	100	38	1.4	19	0.0	6.3
PROGENY 145	48.5	56.3	99	39	1.3	22	0.0	6.6
USG 3665	46.9	55.0	100	36	1.8	23	0.0	6.8



Table 7. Wheat performance trial across Louisiana for 2008.

	Grain Yield	Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Bact eria	Pheno type
Brand / variety	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9
DELTA GROW 7400	45.7	57.2	105	37	0.9	6	0.0	6.4
TERRAL TVX81170	43.7	53.3	101	33	1.7	27	0.0	6.4
D04*9804	42.9	54.5	99	34	2.3	38	0.0	6.1
PROGENY 122	33.9	53.8	103	36	2.4	26	0.0	6.9
PROGENY 127	30.0	55.4	105	35	1.6	24	0.0	7.1
Mean	60.0	56.6	93	36	1.3	15	0.1	5.3
CV%	13	6	2	6	82	73	396	11
LSD (0.10)	7.4	1.1	3	1	1.0	12	0.5	0.8

Contains data from Alexandria, Baton Rouge, Bossier City, Crowley, Jeanerette, St. Joseph, and Winnsboro for 2008.

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

**** Magnolia was missing from the 2008 Winnsboro test, which was the highest-yield location.**

NS indicates that differences are not statistically significant..



Table 8 . Wheat performance trial across South Louisiana (Baton Rouge, Crowley, Jeanerette) for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Ht in	Lod ging 0-9	Leaf Rust %	Sept -oria 0-9	Leaf Blotch 0-9	Pheno -type 0-9
AGS 2060	74.5	57.8	81	35	1.5	0	2.0	2.0	3.9
LA99005UC-31-3	73.1	55.9	78	31	1.3	3	1.5	2.5	4.5
GA981622-5E35	70.3	57.1	84	35	1.0	0	1.0	1.5	4.1
GA981621-5E34	69.8	56.8	92	36	1.0	0	1.0	1.0	3.8
LA01138D-21	69.6	55.5	83	33	1.4	4	2.5	3.5	4.7
LA98214D-14-1-2	66.7	55.9	83	35	2.5	0	1.5	1.0	3.8
LA98149BUB-3-4	66.6	54.5	85	32	1.0	6	2.5	1.5	4.1
AGS 2020	65.5	54.7	82	34	2.3	0	2.5	3.0	4.0
LA978UC-36-1-1	64.9	54.9	81	31	0.9	1	2.5	1.0	4.4
LA01113D-44	64.5	56.5	83	32	1.3	18	2.0	1.5	5.3
LA01138D-55	64.3	55.1	84	33	1.3	1	2.0	2.5	4.9
AGRIPRO COKER MAGNOLIA	63.9	54.6	84	34	1.1	20	2.0	2.5	4.8
DELTA KING DK9108	63.4	54.7	86	36	1.0	12	1.0	1.0	4.6
USG 3592	63.0	54.6	98	33	1.9	1	1.0	1.0	5.3
AGRIPRO COKER 9700	62.9	55.5	84	31	0.9	3	2.0	1.5	4.3
LA99164UC-53-1	61.4	53.9	79	33	1.3	1	2.5	1.5	4.5
LA98064D-29-2-4	61.2	55.1	88	32	1.6	2	1.5	1.5	4.3
TERRAL LA841	61.0	54.0	86	31	1.4	1	1.0	1.0	3.7
AGS 2026	60.8	55.3	91	31	1.9	0	1.0	1.0	4.8
TERRAL TVX85771	60.7	54.9	76	34	1.8	18	2.5	2.0	5.8
RAGAN&MASSEY LA95135	60.4	55.7	94	35	1.5	0	1.0	1.0	4.5
PIONEER 26R61	60.4	56.4	88	33	1.0	3	2.0	1.0	4.1
JAMESTOWN	59.1	56.8	84	29	1.1	6	1.0	1.5	4.8
TX4A35	58.6	54.8	92	30	2.3	0	1.0	1.0	5.1
DIXIE 427	58.5	54.7	97	33	1.4	3	1.0	2.5	5.9
TERRAL LA482	58.5	55.2	76	34	1.4	21	3.0	1.5	5.3
VA01W-205	55.3	55.5	99	28	0.9	1	1.0	1.0	6.3
USG 3295	54.9	56.3	99	31	1.0	1	1.0	1.0	6.3
X3443	54.6	55.9	86	31	2.1	27	1.5	2.5	5.9
AGS 2010	54.4	56.4	95	35	2.4	0	1.0	1.5	5.2
AGS 2031	53.7	57.2	97	30	1.1	0	1.0	1.0	6.2
LA99120UC-60-1-4	51.5	53.2	83	29	3.5	58	2.0	1.0	5.8
PIONEER 26R87	50.8	57.2	96	32	1.5	11	1.5	1.0	5.5
LA99042E-68	50.4	55.7	86	35	2.3	48	1.5	1.0	5.6
USG 3555	49.5	53.6	95	28	0.6	7	1.0	1.0	5.6
PROGENY 117	48.6	55.4	86	33	3.6	48	1.5	1.0	6.3
GA-02603CT	46.4	54.7	79	31	3.3	53	2.5	1.5	6.9
DIXIE 454	45.4	56.1	104	32	2.4	0	1.0	1.5	6.5
USG 3209	41.8	52.7	94	28	2.4	41	1.5	1.0	5.9
USG 3342	40.7	55.1	102	27	1.1	17	1.0	1.0	6.7
TERRAL TV8558	39.5	53.8	94	31	2.5	17	2.0	3.5	6.2
DELTA KING DK9577	39.3	53.2	93	32	2.4	23	1.5	1.0	6.2
PROGENY 185	38.1	53.1	97	31	1.1	18	1.0	1.0	6.8
AGRIPRO COKER 9553	37.5	55.2	94	31	2.4	27	1.0	1.5	5.8
USG 3350	36.4	54.8	95	35	2.1	7	1.0	1.0	6.8
HBK 3128	35.9	53.8	100	32	2.5	23	1.0	1.0	6.4
TERRAL TVX85089	35.7	52.7	100	33	2.5	8	1.0	1.0	6.3
DELTA GROW 7400	33.4	55.8	105	32	1.3	13	1.0	1.0	6.5
PROGENY 145	32.4	54.4	98	35	2.1	9	1.0	1.0	6.9
USG 3665	31.3	53.8	99	31	2.6	10	1.0	1.5	7.1



Table 8 . Wheat performance trial across South Louisiana (Baton Rouge, Crowley, Jeanerette) for 2008.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Ht	Lod ging	Leaf Rust	Sept -oria	Leaf Blotch	Pheno -type
	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9	0-9
PROGENY 166	30.6	54.5	99	34	2.5	5	1.5	2.0	6.5
TERRAL TVX81170	27.7	52.4	101	29	2.9	28	1.5	1.0	6.5
D04*9804	27.6	52.0	99	31	3.0	33	1.0	1.5	6.3
PROGENY 122	21.8	52.1	103	32	3.0	10	1.0	1.0	6.9
PROGENY 127	19.1	55.7	107	30	1.9	10	1.0	1.0	7.1
MEAN	51.7	55.0	91	32	1.8	12	1.5	1.5	5.5
CV	14	3	2	5	46	78	29	49	11
LSD (0.10)	9.0	2.3	4	1	NS	14	0.7	1.2	1.1

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

Leaf Blotch includes septoria glume botch, tan spot, and bacterial streak.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.



Table 9. Wheat performance trial across North Louisiana (Alexandria, Bossier City, St. Joseph, and Winnsboro) for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Stripe Rust %	Bact eria 0-9	Pheno -type 0-9
USG 3555	78.3	56.8	96	35	0.1	3	0	0.0	6
VA01W-205	78.2	58.2	97	32	0.8	1	0	0.0	6
AGS 2060	78.2	60.2	89	42	0.1	0	0	0.0	4
DIXIE 427	76.8	57.3	97	37	2.9	3	0	0.0	5
USG 3295	76.1	58.9	97	38	0.5	0	0	0.0	6
GA981621-5E34	76.0	58.8	97	42	0.1	0	0	0.3	4
PIONEER 26R87	75.8	60.6	95	38	0.0	21	2	0.0	5
RAGAN&MASSEY LA95135	74.6	58.4	95	41	1.3	0	0	0.3	4
DELTA KING DK9108	74.1	57.9	93	41	0.7	5	0	0.0	4
LA978UC-36-1-1	74.0	57.6	90	36	0.1	0	0	0.5	3
GA981622-5E35	73.4	59.6	91	41	0.3	0	0	0.0	4
JAMESTOWN	72.9	60.0	92	36	0.4	16	0	0.3	4
DIXIE 454	72.3	59.2	101	41	0.3	0	0	0.0	5
AGRIPRO COKER 9700	72.3	59.3	91	36	0.6	8	0	0.0	4
AGS 2031	71.7	58.9	96	38	0.7	0	0	0.0	6
LA01113D-44	71.5	58.4	90	38	0.8	30	0	0.0	4
USG 3592	71.2	59.4	100	40	3.7	0	1	0.0	5
LA99005UC-31-3	70.6	57.7	88	38	0.0	2	0	0.0	4
LA01138D-55	70.1	58.3	93	40	0.5	8	1	1.3	4
LA98149BUB-3-4	69.4	58.8	94	39	0.0	12	0	0.7	4
AGS 2026	69.2	57.8	95	36	4.2	9	0	0.0	5
LA98064D-29-2-4	69.1	58.2	94	39	0.5	15	0	0.7	4
TERRAL LA841	68.9	57.8	92	39	0.6	0	0	0.0	3
X3443	68.3	57.5	94	38	2.0	36	0	0.0	5
TX4A35	67.8	57.1	94	37	1.9	0	0	0.0	4
TERRAL TV8466	67.8	56.5	99	38	0.5	20	0	0.0	6
LA01138D-21	67.7	57.3	92	42	0.5	11	4	1.5	5
LA98214D-14-1-2	67.6	58.0	90	40	0.4	0	0	0.3	4
PROGENY 117	67.6	57.3	93	40	1.7	38	0	0.0	6
TERRAL TVX85089	66.8	55.9	100	40	1.3	11	0	0.0	6
AGS 2020	65.5	58.6	91	40	1.7	1	0	0.0	4
PIONEER 26R61	65.2	60.0	94	41	0.0	3	0	0.0	4
AGRIPRO COKER 9553	65.2	59.0	95	37	0.5	22	0	0.0	5
AGS 2010	65.1	59.3	95	40	1.0	1	0	0.5	4
LA99120UC-60-1-4	64.9	57.4	94	35	1.1	33	0	0.0	5
AGRIPRO COKER MAGNOLIA **	64.2	58.1	94	39	0.0	27	.	0.0	.
USG 3209	63.3	56.7	94	36	0.8	32	0	0.0	6
USG 3342	63.1	57.9	100	35	0.2	4	7	0.0	6
PROGENY 185	63.0	55.7	99	39	0.0	24	0	0.0	6
LA99164UC-53-1	63.0	56.6	90	38	0.5	7	0	0.7	3
PROGENY 166	62.4	58.5	100	42	0.5	30	0	0.0	6
AGRIPRO COKER/BERETTA	62.0	56.7	100	39	0.6	2	1	0.0	7
TERRAL TV8558	61.6	55.3	98	38	0.6	39	0	0.0	5
TERRAL LA482	61.3	57.5	88	40	0.3	38	2	0.3	5
HBK 3128	60.9	57.3	101	39	1.7	37	0	0.0	5



Table 9. Wheat performance trial across North Louisiana (Alexandria, Bossier City, St. Joseph, and Winnsboro) for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Stripe Rust %	Bact eria 0-9	Pheno -type 0-9
LA99042E-68	60.8	58.8	92	42	0.3	45	0	0.0	5
PROGENY 145	60.6	57.8	99	41	0.7	32	0	0.0	6
DELTA KING DK9577	59.7	55.8	98	38	1.4	49	0	0.0	6
USG 3350	59.5	58.2	97	42	0.5	25	0	0.0	6
USG 3665	58.5	55.8	101	39	1.2	32	0	0.0	6
CROPLAN 8302	58.3	57.0	101	37	1.3	32	0	0.0	5
TERRAL TVX85771	58.1	57.3	84	41	0.4	31	0	0.0	5
TERRAL TVX81170	56.6	54.0	101	36	0.8	27	0	0.0	6
DIXIE 989	55.7	55.8	101	38	1.3	32	0	0.0	6
DELTA GROW 7400	54.9	58.3	105	42	0.7	1	0	0.0	6
GA-02603CT	54.7	56.8	89	37	1.4	80	0	0.0	7
D04*9804	54.4	56.5	99	37	1.8	41	0	0.0	6
DELTA GROW 1600	50.0	55.4	102	40	1.3	45	0	0.0	7
PROGENY 122	43.6	54.9	104	40	1.9	38	0	0.0	7
PROGENY 127	38.7	55.2	104	40	1.4	32	1	0.0	7
Mean	65.6	57.7	96	39	0.9	18	0	0.1	5
CV%	13	2	2	6	140.0	67	254	414	13
LSD (0.10)	8.5	1.2	2	2	1.1	20	NS	0.5	1

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

**** Magnolia was missing from the 2008 Winnsboro test, which was the highest-yield location and added 5.7 bu/acre to the mean of each entry, on average.**

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.



Table 9B. Wheat performance trial across Louisiana for two years, 2007 and 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lod- ging 0-9	Leaf Rust %	Stem Rust 0-9	Sept oria 0-9	Bact eria 0-9	Pheno type 0-9
AGS 2060	78.4	59.4	84	40	0.6	0	0.0	2.0	1.9	3.8
LA99005UC-31-3	76.0	57.3	82	35	0.4	1	0.4	2.4	1.0	3.8
LA978UC-36-1-1	75.0	56.9	84	34	0.6	0	2.7	2.2	1.6	3.6
LA98214D-14-1-2	73.4	57.5	84	38	1.1	0	0.1	2.2	0.2	3.3
LA98149BUB-3-4	73.1	57.4	88	36	0.3	6	1.9	2.2	0.9	3.8
AGRIPRO COKER MAGNOLIA **	72.9	57.0	87	37	0.4	12	0.0	2.8	1.5	3.9
AGS 2026	72.7	57.3	91	34	2.0	3	0.0	1.2	0.0	3.9
TERRAL LA841	72.5	56.6	87	36	0.7	0	0.1	2.2	0.0	3.6
RAGAN&MASSEY LA95135	72.0	57.3	93	39	1.0	0	0.7	1.4	0.4	4.0
DELTA KING DK9108	71.9	56.8	88	40	0.6	4	2.2	1.8	0.0	4.4
PIONEER 26R87	71.5	59.4	94	35	0.4	9	0.0	1.2	0.0	4.5
AGRIPRO COKER 9700	71.4	58.2	85	34	0.7	3	2.5	1.8	0.0	4.0
JAMESTOWN	71.3	58.8	86	33	0.5	7	0.0	1.4	2.3	3.8
AGS 2020	71.1	57.6	85	38	1.8	0	0.3	2.6	0.5	3.7
USG 3555	70.3	55.7	94	32	0.3	3	0.0	1.2	0.0	4.7
USG 3592	70.2	57.6	95	38	2.0	0	3.3	1.4	0.0	4.9
USG 3295	69.7	57.7	96	35	0.5	0	0.0	1.0	0.0	5.3
AGS 2031	68.3	58.3	94	34	0.6	0	0.0	1.0	0.0	5.2
TERRAL LA482	68.3	56.8	81	38	0.6	17	0.3	2.4	2.9	4.5
PIONEER 26R61	67.6	58.6	89	38	0.3	2	0.7	1.8	0.8	3.7
AGS 2010	66.9	58.3	93	38	1.3	0	0.3	1.8	0.6	4.8
LA99120UC-60-1-4	65.7	56.2	87	33	1.7	24	0.1	1.8	0.3	4.2
USG 3209	65.6	56.2	91	33	1.0	19	0.0	1.2	1.5	4.9
AGRIPRO COKER 9553	62.4	58.1	93	36	0.9	13	3.7	1.4	0.1	4.5
TERRAL TV8558	61.8	55.8	95	35	0.9	17	3.3	1.8	0.0	5.3
DELTA KING DK9577	59.5	55.8	94	36	1.2	22	5.4	1.8	0.0	5.6
TERRAL TVX81170	57.9	54.7	98	36	1.0	15	1.7	1.2	0.0	5.8
Mean	69.5	57.3	89	36	0.9	7	1.1	1.7	0.6	4.4
CV%	12	2	2	5	102	120	90	35	133	15
LSD (0.10)	5.7	0.8	2	1	0.7	8	1.4	NS	NS	0.6

Contains data from Alexandria, Baton Rouge, Crowley, Jeanerette, St. Joseph, and Winnsboro for 2007 and 2008; and Bossier City in 2008.

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

**** Magnolia was missing from the 2008 Winnsboro test, which was the highest-yield location.**

NS indicates that differences are not statistically significant..

Table 10. 2008 ARKANSAS WHEAT YIELD MEANS - Harrison																		
	X					X					X		X			X		
	HOPE	rnk	KSR	rnk	KIBLR	rnk	MRN	rnk	NWPT	rnk	ROW	rnk	STG-ST	rnk	ST-H	rnk	AVG	AVG
DIXIE DX940	66.9	18	71.5	22	58.7	71	91.2	16	72.6	45	101.5	14	88.3	6	104.3	2	81.9	90.4
DELTA KING XTJ730	68.7	11	68.0	49	74.8	11	89.0	27	78.2	24	106.4	4	87.0	10	99.3	10	83.9	90.1
AGS 2060	62.6	28	68.2	45	72.6	23	91.3	15	68.9	65	109.2	1	84.6	21	94.6	30	81.5	88.5
DIXIE X454	72.8	2	70.1	29	74.3	12	98.4	2	79.1	20	93.8	53	83.3	28	93.8	33	83.2	88.4
TERRAL TV8466	68.9	9	59.6	80	70.4	30	84.9	44	69.5	62	98.6	26	85.6	14	102.8	3	80.0	88.2
PROGENY 185	59.3	59	69.2	36	69.9	32	90.2	18	76.1	32	98.7	24	90.3	3	101.2	4	81.9	87.9
CROPLAN GENET. 8302	63.3	24	80.7	2	70.6	29	87.4	33	85.7	3	105.2	6	82.6	30	100.7	6	84.5	87.8
x AG2581	62.6	28	71.4	23	62.7	60	96.9	3	81.5	14	99.6	22	86.6	12	88.6	59	81.2	86.9
DELTA KING XTJ732	67.7	16	68.4	44	75.1	9	78.5	72	67.8	70	95.0	48	85.6	14	105.8	1	80.5	86.5
AGS 2031	65.1	20	71.6	21	72.8	20	96.8	4	83.0	9	104.4	8	75.3	63	90.4	49	82.4	86.4
TERRAL TVX81170	63.2	25	68.1	46	65.9	48	83.7	47	82.0	11	104.3	9	80.6	39	100.2	7	81.0	86.4
GA 981622-5E35	60.8	46	71.1	26	63.8	56	94.7	9	82.0	11	104.5	7	77.4	54	94.3	32	81.1	86.3
DIXIE BELL DB2100	54.4	72	77.4	7	74.9	10	90.2	18	84.5	6	101.3	15	86.3	13	99.1	12	83.5	86.3
GA 981621-5E34	59.4	57	69.6	32	78.2	5	96.0	7	70.7	53	105.3	5	72.4	72	98.0	14	81.2	86.2
TERRAL TVX85089	70.1	7	83.5	1	73.7	17	81.3	56	67.9	69	104.1	10	85.4	18	89.0	55	81.9	86.0
DIXIE X920	61.0	44	69.6	32	68.6	37	86.1	37	76.4	31	96.3	43	88.5	5	98.0	14	80.6	86.0
x USG 3665	60.8	46	64.8	65	71.8	26	92.9	10	77.7	27	91.3	63	88.2	7	96.1	22	80.5	85.9
PROGENY 117	62.1	35	77.9	6	52.9	77	87.8	32	79.9	18	100.3	18	79.7	41	99.4	9	80.0	85.9
ARMOR ARX 6202	62.6	28	70.0	31	74.3	12	91.6	13	74.9	35	96.6	40	83.4	27	94.8	29	81.0	85.8
AGRIPRO/COKER MAGNOLIA	59.9	51	79.4	4	73.6	18	85.3	41	70.7	53	98.1	29	85.6	14	99.7	8	81.5	85.7
LA98214D-14-1-2	61.0	44	71.2	24	60.4	65	85.3	41	70.2	60	100.1	20	90.9	1	90.8	46	78.7	85.6
USG 3555	62.1	35	71.8	18	72.3	24	96.7	5	88.9	2	93.2	57	81.4	34	94.5	31	82.6	85.6
PIONEER 26R15	61.9	37	78.4	5	76.1	7	89.8	20	85.4	4	101.3	15	83.9	24	90.1	50	83.4	85.4
x AGS 2055	68.6	13	74.5	13	71.9	25	76.1	82	70.7	53	97.1	35	87.3	9	97.9	16	80.5	85.4
ARMOR 9901	68.7	11	69.4	34	67.7	40	96.1	6	79.7	19	93.6	56	84.5	22	83.8	72	80.4	85.3
DIXIE X427	61.9	37	76.2	8	74.3	12	78.6	71	71.3	51	108.3	2	76.3	61	101.0	5	81.0	85.2
DIXIE 900	51.9	85	53.3	88	55.6	75	79.5	68	69.2	64	108.0	3	87.9	8	97.4	17	75.4	84.9
AGS 2026	74.4	1	68.8	38	54.0	76	92.6	11	72.3	47	98.7	24	77.1	57	81.3	81	77.4	84.8
USG 3295	59.5	55	74.9	12	81.6	2	94.9	8	83.2	7	100.2	19	79.9	40	89.4	52	83.0	84.8
PROGENY 166	55.3	69	67.2	53	52.8	78	91.4	14	64.8	82	92.5	59	85.3	19	96.8	20	75.8	84.3
AGRIPRO/COKER BERETTA	68.9	9	71.8	18	79.0	4	79.7	67	73.6	41	96.7	39	83.6	26	92.0	42	80.7	84.2
AGRIPRO/COKER X3443	58.6	63	73.7	14	68.8	35	89.3	23	74.7	37	93.8	53	81.8	33	95.8	25	79.6	83.9
ARMOR ARX9603	67.6	17	73.0	16	70.1	31	83.3	50	70.3	58	97.8	30	78.2	50	92.3	40	79.1	83.8
ARMOR 260Z	61.7	39	68.8	38	68.8	35	86.7	36	75.9	33	99.9	21	77.7	52	90.8	46	78.8	83.4
CROPLAN GENET. 554W	70.9	4	75.1	11	65.3	51	83.6	48	82.8	10	91.3	63	79.3	46	91.3	45	80.0	83.3
VA03W-409	70.6	6	71.7	20	80.0	3	100.8	1	90.7	1	83.4	89	77.4	54	83.7	74	82.3	83.2
DIXIE BELL DB7411	53.0	77	75.7	10	47.5	85	87.3	35	81.4	15	101.8	13	77.0	58	95.5	27	77.4	82.9
DIXIE DX950	59.3	59	68.8	38	65.7	50	89.5	22	85.4	4	88.8	72	79.6	42	97.3	19	79.3	82.9
VA03W-434	69.2	8	68.1	46	81.9	1	82.9	52	74.8	36	98.8	23	72.8	70	90.1	50	79.8	82.8
AGRIPRO/COKER COKER9553	67.8	15	71.1	26	57.8	72	89.3	23	73.8	38	90.6	69	81.0	36	85.0	68	77.1	82.7
LA99005UC-31-3-C	72.5	3	64.9	63	63.9	55	79.3	69	66.9	74	88.8	72	79.6	42	92.9	38	76.1	82.6
DELTA KING 7710	62.3	31	69.2	36	69.2	34	85.4	40	73.0	44	84.3	87	84.9	20	95.8	25	78.0	82.5
LEGACY LW-117	70.7	5	55.1	85	52.0	79	81.2	58	55.2	92	92.1	61	79.6	42	88.7	58	71.8	82.5
DIXIE 989	62.8	26	70.1	29	72.8	20	77.0	78	78.8	22	91.2	65	83.2	29	97.4	17	79.2	82.3
TERRAL TV8558	59.4	57	69.4	34	62.8	59	90.8	17	77.8	25	85.3	84	81.0	36	93.1	36	77.5	81.9
VA01W-205	64.3	22	73.5	15	75.8	8	87.4	33	81.4	15	93.7	55	71.6	75	92.4	39	80.0	81.9
x USG 3860	53.7	74	67.1	54	60.1	67	77.4	76	79.1	20	97.3	33	90.9	1	89.2	54	76.9	81.7
HBK 3266	60.8	46	71.2	24	68.0	39	88.9	28	70.3	58	103.1	11	74.3	65	80.1	83	77.1	81.4
AGINW0731	63.4	23	64.9	63	74.3	12	74.4	85	76.5	30	86.9	78	82.6	30	99.3	10	77.8	81.3

Table 10. 2008 ARKANSAS WHEAT YIELD MEANS - Harrison																			
	X					X					X			X				X	
	HOPE	rnk	KSR	rnk	KIBLR	rnk	MRN	rnk	NWPT	rnk	ROW	rnk	STG-ST	rnk	ST-H	rnk	AVG	AVG	
x	AGS 2050	60.5	50	68.7	43	70.9	28	82.3	53	73.7	39	94.1	51	80.7	38	88.9	56	77.5	81.3
	AGRIPRO/COKER W1377	52.8	80	79.5	3	74.3	12	72.4	88	73.4	42	102.7	12	81.9	32	95.9	23	79.1	81.1
	DIXIE BELL DB2150	48.8	89	65.1	62	42.0	89	76.8	80	68.2	68	96.8	37	84.5	22	98.3	13	72.6	81.0
	DIXIE BELL DB7440	43.6	91	63.4	69	37.3	92	79.2	70	65.7	77	96.5	42	89.7	4	95.9	23	71.4	81.0
	PIONEER 26R22	59.8	52	64.6	66	72.9	19	81.2	58	83.1	8	97.3	33	73.3	69	93.1	36	78.2	80.9
	DELTA KING 9577	53.1	76	65.2	61	44.4	88	81.2	58	80.5	17	96.8	37	79.5	45	93.6	34	74.3	80.8
	DELTA GROW 1600	50.0	86	68.1	46	71.3	27	78.3	73	78.3	23	101.1	17	81.2	35	93.4	35	77.7	80.8
	ARMOR 5110	52.2	83	67.6	50	72.8	20	83.6	48	66.6	75	98.4	27	79.2	47	90.5	48	76.4	80.8
	PIONEER 26R87	64.9	21	61.5	75	60.7	64	88.4	31	77.8	25	97.6	31	74.3	65	76.7	87	75.2	80.4
x	USG 3350	48.3	90	61.1	76	50.0	82	84.6	45	62.3	87	91.6	62	85.5	17	91.5	44	71.9	80.3
	JAMESTOWN	52.1	84	75.8	9	69.5	33	89.3	23	75.6	34	95.5	46	78.2	50	86.1	64	77.8	80.2
	AGRIPRO/COKER D03*9804	53.0	77	68.8	38	61.3	63	77.8	75	68.9	65	96.6	40	77.6	53	95.1	28	74.9	80.0
	DIXIE 907	55.3	69	66.3	57	61.7	62	80.6	63	72.0	48	94.7	49	76.8	59	91.6	43	74.9	79.8
	DELTA GROW 5200	53.3	75	66.2	58	63.6	57	79.9	65	64.6	83	95.6	45	76.1	62	92.3	40	74.0	79.4
	PAT	59.5	55	59.0	81	66.4	42	84.5	46	67.8	70	85.5	83	78.9	48	87.8	60	73.7	79.2
	DELTA GROW 7400	58.8	62	72.8	17	66.3	45	81.2	58	65.1	80	92.3	60	78.8	49	84.1	71	74.9	79.0
	DIXIE BELL DB2125	43.5	92	52.5	90	48.7	83	72.6	87	70.2	60	95.1	47	86.8	11	96.6	21	70.8	78.9
	CHESAPEAKE	62.7	27	70.4	28	59.2	70	92.2	12	70.4	57	91.1	66	68.1	80	80.3	82	74.3	78.9
	DELTA KING GR9108	53.9	73	60.7	78	40.3	90	83.2	51	62.8	85	96.9	36	72.6	71	84.7	70	69.4	78.3
	AR 98105-4-1	61.6	40	64.4	67	65.1	52	85.3	41	72.4	46	85.8	81	69.4	78	88.8	57	74.1	78.2
	TERRAL LA841	66.4	19	67.6	50	66.0	47	68.9	91	64.3	84	94.3	50	76.8	59	83.6	75	73.5	78.0
	LEGACY LW-262	62.3	31	63.4	69	59.3	68	81.8	54	71.4	49	97.6	31	63.2	88	84.8	69	73.0	77.9
	USG 3209	59.8	52	63.4	69	68.2	38	88.5	30	82.0	11	89.6	70	64.8	87	86.3	63	75.3	77.8
	PROGENY 122	55.0	71	66.7	56	66.4	42	79.8	66	67.3	73	94.0	52	74.9	64	83.8	72	73.5	77.5
	DIXIE X915	58.6	63	64.3	68	65.8	49	74.6	84	71.4	49	93.1	58	72.1	73	87.2	62	73.4	77.1
	AGS 2020	62.3	31	62.0	74	38.6	91	76.2	81	76.8	29	90.9	67	71.2	76	83.5	76	70.2	76.8
	AR 98001-5-1	52.4	82	66.1	59	47.0	86	89.8	20	65.0	81	96.0	44	62.1	89	82.7	78	70.1	76.6
	TERRAL TV8331	49.2	88	54.7	86	59.3	68	77.4	76	77.2	28	89.3	71	74.2	67	89.3	53	71.3	75.9
	DELTA KING XTJ724	57.4	66	53.1	89	66.8	41	81.3	56	69.3	63	90.7	68	67.3	81	82.7	78	71.1	75.9
	PROGENY 145	49.5	87	65.6	60	51.4	80	69.4	90	65.4	78	88.5	75	83.7	25	87.6	61	70.1	75.7
	LA01138D-55	58.1	65	55.9	83	64.9	53	80.1	64	60.3	88	85.8	81	69.4	78	85.1	67	70.0	75.7
	AGRIPRO/COKER COKER9700	52.9	79	66.8	55	62.9	58	86.1	37	73.4	42	87.0	77	74.2	67	77.5	86	72.6	75.5
	TERRAL LA482	68.4	14	54.6	87	48.5	84	88.7	29	70.8	52	86.5	79	57.7	90	76.3	88	68.9	75.5
	ROANE	59.3	59	62.8	73	76.9	6	81.0	62	68.5	67	87.7	76	66.3	84	83.2	77	73.2	75.5
	SABBE	62.3	31	63.3	72	50.7	81	76.0	83	62.4	86	88.7	74	72.1	73	77.8	84	69.2	75.4
	AR 97124-4-2	61.6	40	57.2	82	66.3	45	89.3	23	65.3	79	84.8	85	66.2	85	74.6	89	70.7	75.3
	AR96077-7-2	61.1	43	67.6	50	57.0	73	85.6	39	59.4	90	84.4	86	66.4	83	74.4	90	69.5	74.4
	BUCK HARVEST	52.6	81	46.8	92	66.4	42	78.3	73	66.3	76	77.3	91	77.3	56	86.1	64	68.9	74.3
	TERRAL TVX85771	61.2	42	55.5	84	44.6	87	81.7	55	67.5	72	83.5	88	66.2	85	77.7	85	67.2	74.1
	TX4A35	59.6	54	68.8	38	62.2	61	73.6	86	70.5	56	98.4	27	53.0	91	85.5	66	71.5	74.0
	PROGENY 127	60.7	49	60.3	79	64.7	54	64.3	92	57.9	91	82.4	90	67.1	82	81.8	80	67.4	71.3
	AR 98068-4-1	55.8	68	61.1	76	60.4	65	77.0	78	59.9	89	75.6	92	70.1	77	73.9	91	66.7	70.5
x	USG 3342	56.0	67	51.0	91	56.8	74	70.6	89	73.7	39	86.0	80	47.1	92	65.5	92	63.3	65.0
	Grand mean	60.3		67.2		64.3		84.2		73.0		94.6		77.9		90.1		76.5	81.4
	LSD (5%)	15.2		11.8		11.5		12.7		6.7		15.3		8.0		8.6			
	C.V. (%)	18.2		12.7		12.9		10.9		6.7		11.7		7.4		6.9			

Table 11. 2008 yield summary of wheat variety trials in Mississippi. Sorted by DELTA average - harrison

	BROOKS VILLE		OLIVE BRANCH		NORTH AVE		NEWTON		RAYMOND		SOUTH AVE		CLEVELAND		ISSAQUANTY		STONEVILLE		DELTA AVG		ALL AVG	
	bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A	
Dixie X454 (Exp.)	81.4	15	71.5	3	76.5	5	66.5	10	70.7	6	68.6	3	70.5	5	86.3	12	82.6	33	79.8	9	75.0	1
VA01W-205 (Exp.)	75.4	34	62.3	22	68.9	26	67.8	7	68.5	16	68.2	4	72.2	2	89.5	4	85.4	15	82.4	3	73.1	2
Pioneer variety 26R87	86.0	5	60.5	33	73.3	10	76.7	1	55.6	43	66.2	8	71.5	4	82.1	23	79.8	48	77.8	14	72.4	3
GA-981621-5E34 (Exp.)	77.1	25	66.5	9	71.8	16	66.1	12	54.1	46	60.1	31	72.0	3	94.0	2	88.3	2	84.8	2	72.2	4
DK 9577	81.3	16	68.5	8	74.9	6	61.9	21	70.0	8	66.0	11	60.8	44	82.7	19	83.3	27	75.6	29	72.2	5
Terral TVX81170 (Exp.)	83.8	10	69.2	5	76.5	4	58.7	34	66.8	20	62.8	23	63.7	29	80.9	25	83.6	25	76.1	24	71.8	6
Dixie Bell DB2100	76.2	30	64.0	16	70.1	19	59.3	29	69.9	9	64.6	14	68.3	11	85.4	14	87.5	6	80.4	7	71.7	7
Terral TV8466	82.5	12	62.6	21	72.6	11	59.3	29	65.2	26	62.3	24	64.0	25	84.1	17	85.4	15	77.8	13	70.9	8
USG 3592	75.2	35	59.5	37	67.4	36	66.0	13	73.5	3	69.8	2	59.2	55	78.7	30	86.8	8	74.9	32	70.7	9
Pioneer variety 26R15	90.9	2	56.3	51	73.6	8	61.4	23	65.3	25	63.4	20	62.1	37	77.6	37	84.1	23	74.6	33	70.5	10
HBK 3266	79.3	20	58.2	42	68.8	27	69.7	6	57.8	39	63.8	18	64.5	20	88.2	7	84.2	22	79.0	12	70.5	11
AGS 2060	74.7	37	74.1	1	74.4	7	69.9	5	44.0	58	57.0	38	62.6	33	80.0	28	96.7	1	79.8	10	70.4	12
AgriPro Coker MAGNOLIA	94.6	1	63.3	18	79.0	1	67.1	9	45.4	55	56.3	41	60.3	49	83.8	18	81.7	41	75.3	31	70.2	13
AgriPro Coker Beretta	76.1	31	62.1	24	69.1	22	60.8	26	67.3	19	64.1	16	61.0	42	84.4	16	82.2	39	75.9	25	69.7	14
Progeny 166	72.5	46	61.9	25	67.2	38	61.1	24	73.2	4	67.2	6	64.8	19	76.4	44	81.9	40	74.4	35	69.6	15
Terral TVX85089 (Exp.)	73.6	42	63.1	19	68.4	31	50.1	58	75.8	1	63.0	22	61.0	42	86.5	11	82.9	30	76.8	19	69.4	16
AgriPro Coker X3443 (Exp.)	82.5	12	71.9	2	77.2	3	60.0	28	50.0	49	55.0	46	62.4	34	86.7	10	78.0	54	75.7	27	69.3	17
USG 3350	67.8	57	64.7	14	66.3	45	62.0	20	69.9	9	66.0	11	67.0	14	76.5	43	83.1	29	75.5	30	69.2	18
Dixie X950 (Exp.)	75.2	35	61.3	27	68.3	32	60.4	27	66.3	22	63.4	20	63.8	26	82.4	21	80.7	43	75.6	28	69.1	19
Progeny 185	77.8	22	58.0	43	67.9	34	70.2	4	63.1	30	66.7	7	59.0	57	80.2	27	78.1	53	72.4	48	69.0	20
USG 3555	56.7	64	64.0	16	60.4	59	74.4	2	60.1	35	67.3	5	64.5	20	87.9	9	85.6	14	79.3	11	69.0	21
USG 3665	71.6	49	64.3	15	68.0	33	62.7	19	69.4	11	66.1	10	64.4	24	78.7	30	75.5	60	72.9	45	69.0	22
GA-981622-5E35 (Exp.)	74.4	38	59.6	35	67.0	41	66.2	11	40.8	62	53.5	51	73.8	1	96.7	1	88.0	4	86.2	1	68.9	23
LA98214D-14-1-2-B (Exp.)	84.0	9	59.8	34	71.9	12	56.9	43	60.2	34	58.6	33	64.5	20	77.7	35	86.4	9	76.2	22	68.9	24
Terral TV8558	71.7	48	66.4	10	69.1	24	55.6	49	68.1	17	61.9	25	67.7	12	77.7	35	77.4	56	74.3	37	68.4	25
Terral TV8331	72.7	45	65.6	12	69.2	21	58.3	37	64.1	28	61.2	29	59.5	52	77.8	34	86.4	9	74.6	34	68.3	26
Pioneer variety 26R22	84.6	8	57.6	44	71.1	17	54.2	52	60.1	35	57.2	37	68.7	8	76.7	42	83.2	28	76.2	22	68.2	27
AgriPro Coker D03*9804 (Exp.)	74.0	41	58.4	40	66.2	46	54.1	53	66.5	21	60.3	30	64.5	20	82.2	22	84.6	19	77.1	17	67.9	28
USG 3295	50.4	65	51.6	59	51.0	65	73.6	3	69.4	11	71.5	1	69.4	7	89.5	4	83.4	26	80.8	6	67.8	29
Dixie 907	76.4	29	60.9	29	68.7	30	58.1	38	70.2	7	64.2	15	62.3	35	71.8	54	77.2	57	70.4	53	67.7	30
AgriPro Coker Panola	77.3	24	60.9	29	69.1	22	53.2	54	59.9	37	56.6	40	63.5	30	82.6	20	84.4	21	76.8	18	67.5	31
Dixie X427 (Exp.)	59.0	62	56.6	50	57.8	62	56.9	43	72.5	5	64.7	13	63.8	26	88.0	8	87.7	5	79.8	8	67.4	32
Armor 5110	73.0	43	61.6	26	67.3	37	54.3	51	68.8	13	61.6	27	66.7	15	71.9	53	81.7	41	73.4	40	67.4	33
LA01140D-70 (Exp.)	78.8	21	63.0	20	70.9	18	63.1	18	44.7	56	53.9	48	63.3	32	81.1	24	87.2	7	77.2	16	67.3	34
DK 9108	86.0	5	71.3	4	78.7	2	55.9	46	55.2	44	55.6	44	55.0	62	68.5	59	79.6	49	67.7	59	67.3	35
AGS 2020	81.1	18	65.8	11	73.5	9	67.5	8	35.8	65	51.7	59	60.6	47	80.4	26	88.3	2	76.4	20	67.2	36
LA99005UC-31-3-C (Exp.)	86.9	4	56.7	48	71.8	15	56.9	43	49.2	51	53.1	54	70.0	6	73.1	52	85.7	13	76.3	21	67.0	37
Dixie Bell DB2125	74.4	38	60.7	32	67.6	35	57.0	42	65.4	24	61.2	28	66.2	17	73.3	51	77.6	55	72.4	50	67.0	37
HBK 3128	64.7	60	62.2	23	63.5	55	52.7	56	66.2	23	59.5	32	62.0	39	85.1	15	85.2	17	77.4	15	66.8	39
VA03W-434 (Exp.)	75.6	33	55.8	53	65.7	47	63.7	17	63.5	29	63.6	19	60.8	44	76.9	39	74.8	62	70.8	52	66.7	40

Table 11. 2008 yield summary of wheat variety trials in Mississippi. Sorted by DELTA average - harrison

	BROOKS VILLE		OLIVE BRANCH		NORTH AVG		NEWTON		RAYMOND		SOUTH AVG		CLEVELAND		ISSAQUANTY		STONEVILLE		DELTA AVG		ALL AVG	
	bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A		bu/A	
Terral LA841	81.2	17	49.9	61	65.6	48	64.2	16	42.4	61	53.3	52	68.4	9	89.0	6	85.9	12	81.1	4	66.7	41
AgriPro Coker 9553	77.0	26	60.9	29	69.0	25	64.9	14	48.8	52	56.9	39	66.4	16	75.1	47	80.5	44	74.0	38	66.6	42
DK 7710	68.9	56	68.6	7	68.8	27	48.1	61	68.6	15	58.4	35	59.5	52	67.6	60	82.9	30	70.0	54	65.7	43
AgriPro Coker 9700	84.8	7	59.0	38	71.9	12	59.3	29	52.7	47	56.0	42	61.9	40	60.6	64	83.8	24	68.8	58	65.6	44
Dixie Bell DB7411	87.7	3	56.0	52	71.9	14	55.7	48	47.3	53	51.5	60	59.5	52	77.9	33	82.5	34	73.3	42	65.6	45
VA Jamestown	71.1	51	56.7	48	63.9	54	57.2	41	46.4	54	51.8	57	68.4	9	91.9	3	82.3	36	80.9	5	65.5	46
Delta Grow 5200	77.0	26	52.8	57	64.9	50	52.4	57	64.6	27	58.5	34	62.2	36	76.9	39	79.2	50	72.8	46	65.4	47
USG 3725	71.3	50	68.7	6	70.0	20	45.7	63	60.7	33	53.2	53	63.5	30	73.4	50	80.3	46	72.4	49	65.2	48
Progeny 117 (Exp.)	71.1	51	59.6	35	65.4	49	58.5	36	56.0	42	57.3	36	57.9	59	76.3	45	84.5	20	72.9	44	65.2	49
Delta Grow 7400	63.3	61	55.4	54	59.4	61	57.3	40	74.9	2	66.1	9	59.8	50	74.4	49	75.4	61	69.9	55	65.1	50
Dixie Bell DB2150	69.3	55	64.8	13	67.1	40	45.4	64	61.7	32	53.6	50	65.9	18	74.8	48	82.4	35	74.4	35	65.0	51
LA01138D-21 (Exp.)	82.2	14	55.3	55	68.8	27	64.7	15	32.7	66	48.7	65	60.8	44	86.0	13	80.5	44	75.8	26	64.4	52
Progeny 145	76.7	28	57.1	45	66.9	42	49.8	59	57.6	40	53.7	49	60.6	47	78.2	32	78.5	52	72.4	47	64.3	53
USG 3209	74.4	38	58.7	39	66.6	43	55.8	47	49.6	50	52.7	56	58.2	58	79.1	29	82.9	30	73.4	41	64.2	54
Dixie Bell DB7440	66.7	59	61.1	28	63.9	52	46.3	62	61.8	31	54.1	47	62.1	37	75.4	46	82.3	36	73.3	43	63.7	55
Dixie Bell DB3440	80.0	19	47.9	63	64.0	51	52.9	55	57.9	38	55.4	45	59.1	56	70.5	57	79.1	51	69.6	56	63.0	56
Dixie 989	57.7	63	56.9	46	57.3	63	59.0	33	68.7	14	63.9	17	59.7	51	68.6	58	74.1	63	67.5	61	62.9	57
Delta Grow 1600	70.6	53	49.5	62	60.1	60	55.3	50	68.0	18	61.7	26	53.9	64	71.0	56	75.7	59	66.9	62	62.9	58
Terral LA482	83.3	11	51.1	60	67.2	38	61.6	22	44.1	57	52.9	55	67.3	13	59.2	65	76.4	58	67.6	60	62.6	59
AGS 2010	75.7	32	56.9	46	66.3	44	59.1	32	40.7	63	49.9	63	51.0	66	63.0	62	84.9	18	66.3	63	60.8	60
Terral TVX85771 (Exp.)	77.5	23	47.6	65	62.6	57	58.7	34	43.2	59	51.0	61	63.8	26	56.7	66	86.4	9	69.0	57	60.8	61
GA-02603CT-7 (Exp.)	67.1	58	45.4	66	56.3	64	57.9	39	42.8	60	50.4	62	57.8	60	76.9	39	80.0	47	71.6	51	59.4	62
Progeny 122 (Exp.)	69.4	54	58.4	40	63.9	52	42.5	65	57.3	41	49.9	64	57.1	61	62.6	63	71.5	64	63.7	65	59.2	63
Progeny 127 (Exp.)	72.9	44	51.9	58	62.4	58	48.4	60	55.0	45	51.7	58	51.3	65	65.3	61	70.9	65	62.5	66	58.9	64
LA99042E-68-C (Exp.)	72.3	47	54.4	56	63.4	56	41.0	66	38.0	64	39.5	66	61.2	41	77.3	38	82.3	36	73.6	39	58.8	65
USG 3342	48.8	66	47.7	64	48.3	66	61.0	25	51.0	48	56.0	42	54.1	63	71.3	55	67.6	66	64.3	64	56.2	66
Overall Mean	75.8		59.9		67.9		59.1		58.7		58.9		62.9		78.2		82.0		74.4		67.0	
LSD (.10)	13.3		9.0		11.2		6.4		10.6		8.5		6.9		8.3		6.6		7.3		9.0	
Error degrees of freedom	195		195		195		195		195		195		195		195		195		195		195	
CV (%)	15.1		12.8		14.0		9.3		15.4		12.4		9.3		9.1		6.9		8.4		11.6	
R2 (%)	46		48		47		71		68		70		49		66		69		61		59	

Table 12. Two-year summary of yields for wheat variety trials in Mississippi.

Brand/Variety	Brooksville (North)	Newton	Raymond	South Avg.	Cleveland	Stoneville	Delta Avg.	Location Avg.
	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A
Pioneer variety 26R22	88.8	55.5	73.3	64.4	61.6	84.2	72.9	75.4
Dixie X427 (Exp.)	73.7	58.4	73.2	65.8	61.3	84.3	72.8	70.8
AGS 2020	91.4	69.7	60.6	65.2	59.5	85.1	72.3	76.3
AGS 2060	79.4	65.1	70.3	67.7	57.0	86.0	71.5	72.9
Pioneer variety 26R15	88.5	55.4	63.5	59.5	60.4	82.5	71.5	73.1
Delta King 7710	80.1	50.6	69.6	60.1	63.1	79.3	71.2	70.5
AgriPro Coker 9553	82.8	63.4	69.4	66.4	56.9	83.7	70.3	73.2
USG 3295	67.7	65.5	77.9	71.7	59.5	81.1	70.3	69.9
Terral LA841	80.9	58.0	62.5	60.3	58.7	81.1	69.9	70.4
LA99005UC-31-3-C (Exp.)	90.1	59.4	69.8	64.6	61.3	78.3	69.8	74.8
USG 3350	73.8	58.9	72.4	65.7	57.8	81.7	69.8	69.7
LA98214D-14-1-2-B (Exp.)	83.9	54.0	68.3	61.2	57.1	82.3	69.7	71.6
Armor 5110	76.0	55.5	73.7	64.6	59.4	79.9	69.7	70.1
USG 3725	84.1	54.2	50.3	52.3	57.8	81.2	69.5	68.6
Dixie Bell DB2125	80.4	55.3	64.4	59.9	59.9	78.9	69.4	69.9
HBK 3266	84.0	64.5	74.8	69.7	58.4	80.3	69.4	74.3
USG 3592	84.2	64.0	74.9	69.5	56.2	82.5	69.4	74.3
Progeny 166	76.0	59.3	73.7	66.5	59.3	79.0	69.2	70.6
Terral TV8558	80.3	57.9	71.9	64.9	59.5	78.3	68.9	71.4
Dixie Bell DB7440	77.5	51.8	65.4	58.6	56.8	80.8	68.8	68.3
Terral TVX81170 (Exp.)	86.7	59.3	69.8	64.6	60.4	76.6	68.5	73.3
Terral TV8466	85.8	56.5	65.8	61.2	57.5	79.1	68.3	71.8
AgriPro Coker Magnolia	88.9	66.7	68.7	67.7	56.3	80.0	68.2	74.9
Delta King 9577	85.1	62.1	68.2	65.2	54.2	81.9	68.1	72.8
AgriPro Coker Beretta	82.5	59.5	69.8	64.7	58.5	77.0	67.8	71.6
Delta Grow 5200	78.8	53.6	68.8	61.2	58.4	76.9	67.7	69.2
Pioneer variety 26R87	86.7	64.5	72.2	68.4	56.8	78.5	67.7	74.2
AgriPro Coker Panola	83.0	55.4	73.5	64.5	53.6	80.7	67.2	71.5
Terral TV8331	78.8	56.0	71.0	63.5	53.2	80.9	67.1	69.8
USG 3209	81.5	58.5	66.0	62.3	54.1	80.0	67.1	70.3
Progeny 145	81.4	53.0	61.7	57.4	58.4	74.1	66.3	68.3
Terral LA482	88.7	60.6	55.2	57.9	54.4	77.8	66.1	70.9
AgriPro Coker 9700	85.3	57.4	50.5	54.0	50.9	80.8	65.9	68.4
Delta King 9108	87.4	58.7	61.3	60.0	52.1	79.0	65.6	71.0
AGS 2010	78.5	49.4	51.3	50.4	47.4	83.4	65.4	64.8
Progeny 185	80.1	66.7	69.4	68.1	51.2	78.3	64.8	71.0
Dixie 989	71.0	59.7	68.3	64.0	55.2	73.6	64.4	66.5
Dixie Bell DB3440	78.0	53.4	54.3	53.9	52.7	75.2	64.0	65.3
Delta Grow 1600	76.8	57.2	68.3	62.8	49.9	71.6	60.8	66.8
Overall Mean	81.7	58.6	67.0	62.8	56.8	79.9	68.4	71.0

Summary of Wheat Yields: Georgia, 2007-2008 with Two- and Three-Year Averages

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide		
	3-Year Average ⁴	2-Year Average ⁵	2008	3-Year Average	2-Year Average ⁶	2008	3-Year Average ⁷	2-Year Average ⁷	2008
----- bu/acre -----									
VARIETIES									
AGS 2060	77.9	77.7	80.7	.	99.1	90.3	.	.	84.5
Jamestown	.	85.5	79.3	.	.	90.3	.	.	83.7
SS8641	75.4	74.1	72.6	.	96.1	98.0	.	.	82.7
Magnolia	.	74.5	72.6	.	.	97.1	.	.	82.4
Oglethorpe	82.1	80.3	77.1	.	93.3	87.9	.	.	81.4
AGS 2031	77.3	75.2	73.5	.	94.1	91.2	.	.	80.6
AGS 2026	81.1	80.6	76.3	.	89.3	86.7	.	.	80.5
Progeny 117	.	.	72.6	.	.	90.7	.	.	79.8
AGS 2020	85.0	86.7	80.1	.	91.4	78.5	.	.	79.5
Coker 9553	75.1	73.3	73.3	.	91.7	85.7	.	.	78.3
Panola	73.1	71.2	68.7	.	92.3	92.4	.	.	78.2
USG 3209	77.0	75.9	71.0	.	96.2	88.4	.	.	77.9
Pioneer 26R31	78.3	82.5	76.6	.	89.8	78.4	.	.	77.3
USG 3295	74.6	72.5	70.6	.	93.6	86.8	.	.	77.0
Dominion	72.5	70.3	67.8	.	94.8	89.6	.	.	76.5
Pioneer 26R61	76.9	77.2	76.0	.	84.4	77.2	.	.	76.4
Coker 9700	.	80.2	73.9	.	.	80.0	.	.	76.3
Pioneer 26R12	67.7	68.2	68.7	.	91.2	85.9	.	.	75.5
SS8308	70.2	68.5	64.9	.	91.5	89.3	.	.	74.6
USG 3725	.	.	55.5	.	.	99.9	.	.	73.3
AGS 2010	73.2	73.3	68.9	.	80.7	78.9	.	.	72.9
SS8404	.	71.6	68.1	.	.	80.1	.	.	72.9
D03-9804	.	.	65.6	.	.	83.4	.	.	72.7
USG 3592	69.3	69.2	67.8	.	93.2	79.8	.	.	72.6
Pioneer 26R87	73.6	69.0	67.1	.	85.9	80.5	.	.	72.4
Progeny 122	.	.	62.8	.	.	86.4	.	.	72.3
AGS2055	.	74.5	67.9	.	.	78.7	.	.	72.2
Progeny 145	.	.	60.0	.	.	90.2	.	.	72.1
Progeny 166	.	.	59.1	.	.	91.0	.	.	71.9
Progeny 185	.	.	64.8	.	.	81.5	.	.	71.5
Fleming	75.0	76.3	70.8	.	.	71.0	.	.	70.9
McIntosh	69.5	67.0	59.9	.	86.0	81.6	.	.	68.6
Progeny 127	.	.	51.1	.	.	89.6	.	.	66.5
Chesapeake	63.4	66.5	58.7	.	86.5	71.0	.	.	63.6
SS520	66.0	67.6	61.9	.	83.1	61.4	.	.	61.7
Excel 180			58.6						
Excel 307			60.6						
Excel 352			58.3						
Excel 354TW			58.0						
Excel 367			56.1						
Trical 2700*			60.7						
Trical 336*			61.2						
Trical 342*			86.6						
Average	74.3	74.4	67.6		90.7	84.8			75.2
<i>Overall test averages and statistics:</i>									
Average	75.3	76.8	70.7		90.8	86.2			77.6
LSD at 10% Level	2.5	3.1	4.0		N.S. ⁸	10.2			4.7
Std. Err. of Entry Mean	1.1	1.3	1.7		3.2	4.4			2.0

Summary of Wheat Yields: Georgia, 2007-2008 with Two- and Three-Year Averages (Continued)

Yield¹

Brand-Variety	South ²			North ³			Statewide		
	3-Year Average ⁴	2-Year Average ⁵	2008	3-Year Average	2-Year Average ⁶	2008	3-Year Average ⁷	2-Year Average ⁷	2008
----- bu/acre -----									
Experimental Lines									
GA00034-7A17	.	.	68.9	.	.	87.3	.	.	76.3
GA0011492-7E9	.	.	76.8	.	.	95.7	.	.	84.4
GA001169-7E15	.	.	78.5	.	.	89.1	.	.	82.7
GA001170-7E26	.	.	80.0	.	.	99.5	.	.	87.8
GA00138-7A6	.	.	67.7	.	.	90.7	.	.	76.9
GA00190-7A14	.	.	65.5	.	.	88.9	.	.	74.8
GA011264-7E13	.	.	79.9	.	.	81.1	.	.	80.4
GA02603CT-7	.	.	72.8	.	.	75.1	.	.	73.7
GA031238-DH7-7A28	.	.	72.0	.	.	76.4	.	.	73.8
GA031238-DH7-7E	.	.	77.6	.	.	95.4	.	.	84.7
GA961567-4A35	78.8	77.2	72.1	.	86.7	88.7	.	.	78.7
GA981131-7E33	.	.	82.8	.	.	93.3	.	.	87.0
GA981621-5E34	81.9	80.7	79.2	.	99.0	90.2	.	.	83.6
GA981622-5E35	87.1	86.7	84.4	.	90.2	79.5	.	.	82.5
GA991109-6E8	.	77.9	74.7	.	.	91.5	.	.	81.4
GA991209-6E33	.	81.5	76.2	.	.	89.6	.	.	81.6
GA991227-6A33	.	87.3	81.2	.	.	99.5	.	.	88.5
GA991336-6E9	.	83.0	78.1	.	.	97.7	.	.	85.9
GA991371-6E12	.	85.2	81.4	.	.	93.8	.	.	86.3
GA991371-6E13	.	83.3	82.0	.	.	90.7	.	.	85.5
LA01138D-55	.	.	76.0	.	.	85.1	.	.	79.6
LA01140D-70	.	.	78.9	.	.	83.6	.	.	80.8
LA98214D-14-1-2-B	.	83.1	81.7	.	.	77.3	.	.	80.0
LA99005UC-31-3-C	.	83.4	82.1	.	.	90.5	.	.	85.5
NC03-6228	.	.	61.4	.	.	67.0	.	.	63.6
VA01W-205	.	.	63.0	.	.	89.8	.	.	73.7
<i>Average</i>	82.6	82.7	76.0		92.0	88.0			80.8
<i>Overall test averages and statistics:</i>									
Average	75.3	76.8	70.7		90.8	86.2			77.6
LSD at 10% Level	2.5	3.1	4.0		N.S. ⁸	10.2			4.7
Std. Err. of Entry Mean	1.1	1.3	1.7		3.2	4.4			2.0

* Triticale variety.

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

2. Tifton, Plains, and Midville.

3. Griffin and Calhoun.

4. 2007 and 2008 data used to compute two-year average.

5. 2006, 2007 and 2008 data used to compute three-year average.

6. 2006 and 2008 data used to compute two-year average.

7. Statewide two- and three-year averages not computed due to cold damage in North Georgia during 2007.

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

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